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COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: 1. KAIM/A-ZL/15		Course name: Anaesthesiology and Resuscitation			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 9.					
Course level: I.II.					
Prerequisites: IK/IM-ZL4/15 and ChK/CH-ZL4/15					
Conditions for course completion: 1. 100% participation on the practical exercises 2. Test - minimum percentage of 60%. 3. Oral exam					
Learning outcomes: The student acquires knowledge of the management of the field of anesthesiology and intensive care medicine, enteral and parenteral nutrition, monitoring in anesthesiology and intensive care medicine. Get familiar with anesthesiological techniques and aids for general and regional anesthesia and preoperative care.					
Brief outline of the course: Introduction to anesthesiology, intensive care medicine. Pharmacotherapy in anesthesiology and intensive care medicine. Disorders of the internal environment. Enteral and parenteral artificial nutrition. Monitoring in anesthesiology and intensive care medicine. Basic algorithms in anesthesiology and intensive care medicine. Anesthesiological techniques and aids in general and regional anesthesia. Teamwork. Cardio-pulmonary resuscitation, its indications and training in the correct CPR technique.					
Recommended literature: FIRMENT J. a kol.: Anestéziológia a intenzívna medicína pre študentov lekárskej fakulty, Vysokoškolská učebnica Lekárskej fakulty UPJŠ v Košiciach, 2020					
Course language: Slovak language					
Notes:					
Course assessment Total number of assessed students: 780					
A	B	C	D	E	FX
45.51	31.15	14.62	4.49	3.97	0.26

Provides: MUDr. Vladimír Hudák, PhD., MUDr. Judita Capková, PhD., doc. MUDr. Jozef Firment, PhD., MUDr. Jana Šimonová, PhD., MPH, MUDr. Adam Fabian, MUDr. Roman Kysel', MUDr. Miroslav Sučko

Date of last modification: 23.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UA/A-ZL1/15	Course name: Anatomy 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 4 Per study period: 42 / 56 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: 1. In order to successfully completing the subject as a “prerequisite for registration the subsequent subject Anatomy 2” it is necessary to have: <ul style="list-style-type: none"> • 75 % active presence in lectures (three absences without giving a reason are allowed). • 100% active mandatory participation in practical lessons. If student is not present in practical lesson (maximum 3 times) due to serious healthy or personal reasons, his/her absence must be excused by the teacher and compensation of the missing practical lesson completed at the Department of Anatomy within ongoing practical lessons/seminars of the other groups until the end of winter semester. • Theoretical and methodical mastery of practical tasks. 2. In order to successfully completing the subject Anatomy 1 as a “prerequisite for completion the subject Anatomy 2”, the student: <ul style="list-style-type: none"> • is obliged to pass all ongoing theoretical (written) and practical tests – i.e. 3 theoretical and 3 practical tests – the total number of points he/she can achieve from theoretical tests is 120 and from practical tests is 60 • must achieve at least 60% success rate, i.e. 24 points from each theoretical test and 12 points from each practical test. If the student does not achieve the minimum number of points from each part of the thematic unit, he/she is entitled one retaken test at the beginning of examination period of the winter semester and one retaken test at the end of the examination period of winter semester, i.e. 2 retaken tests. The student will take the retaken test only from that part of the thematic unit in which he/she did not achieve the minimum number of points (24 from the theoretical test and 12 from the practical test) If the student does not take part in the theoretical and practical tests for any reason (personal, family, health), he/she will not have an alternative date, but will take the given exam on the first or second retake tests If the student does not take part in the first or second retaken tests for any reason, he/she is not entitled to a replacement date. Other conditions: - A student who does not justify his non-participation in writing the tests in accordance with the established rules, does not achieve at least 60% of the theoretical and practical tests (individually)	

<p>and does not succeed even in the retaken term, will be automatically evaluated with the grade Fx – "failed".</p> <ul style="list-style-type: none"> - Continuous control tests are evaluated based on the number of points achieved (%) with evaluation according to the Study Regulations of the UPJŠ in Košice, Faculty of Medicine, II. part, Art. 13, paragraph 4. - Final credit rating "passed A to E" - The final assessment takes into account the results of the continuous assessment <p>100 – 91 /A/ excellent 90 – 84 /B/ very good 83 – 75 /C/ good 74 – 68 /D/ satisfactorily 67 – 60 /E/ enough 59 and lower /FX/ not enough</p> <p>Continuous assessment (test, independent work): 3 theoretical and 3 practical tests</p>
<p>Learning outcomes:</p> <p>This subject firstly introduces students about general anatomical terms and systems of human body: locomotor, cardiovascular, lymphatic, and nervous systems in general. Then students deal with anatomy of heart and organ systems: respiratory, digestive, urinary and genital systems. The aim of the course is to teach students the structures of the human body: building of upper and lower limbs, thorax, abdomen and pelvis from systematic and topographic points of view. Last part of the semester will obtain main facts about central nervous system (CNS) in general. Students will become familiar with the inner and outer organization and with function of particular structures of the CNS.</p>
<p>Brief outline of the course:</p> <p>Ethical principles in teaching of anatomy. Anatomical nomenclature, planes and directions. Bones and joints in general, bones and joints of the trunk and limbs. Muscles in general, muscles of the trunk and limbs. Cardiovascular and lymphatic systems in general, vessels of the trunk and limbs. Nervous system in general, nerves of the trunk and limbs. Basic building of the upper and lower limbs. Heart. Respiratory system. Digestive system. Urinary and genital systems. The trunk in general, mediastinum, peritoneal relations. Abdominal and pelvic cavities and their topography. CNS: spinal cord, medulla oblongata, cerebellum, mesencephalon, diencephalon. Telencephalon – basal ganglia, description, functional regions of brain cortex. Limbic and olfactory systems. Nerve pathways. Brain ventricles. Vessels and coverings of CNS.</p>
<p>Recommended literature:</p> <p>Compulsory study literature: KLUCHOVÁ, D. et al.: Anatomy of trunk and limbs, Košice, 2016</p> <p>Recommended study literature: KLUCHOVÁ, D. et al.: Guide through anatomy of human body, Košice, 2017 DRAKE, R. L., Vogl A. W., Mitchell A. W. M.: Netter F. H.: Atlas of Human Anatomy, Saunders, 2014 WASCHKE, J., PAULSEN F.: Sobotta: Atlas of Human Anatomy, Volume 1, 2, 3. Elsevier, 2013 ROHEN, J. W., LÜTJEN-DRECOLL E., YOKOSHI CH.: Color Atlas of Anatomy: A Photographic Study of the Human Body, Lippincott Williams & Wilkins, 2015 HUDÁK, R. et al.: Memorix Anatomy, Triton, 2017</p>
<p>Course language:</p>
<p>Notes:</p>

Course assessment						
Total number of assessed students: 793						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.2	4.04	11.1	11.6	10.97	9.46	1.64
Provides: doc. MUDr. Adriana Boleková, PhD., doc. MVDr. Květuše Lovásová, PhD., doc. MUDr. Dalibor Kolesár, PhD., MDDr. Mirela Rozprávková, PhD., prof. MUDr. Ingrid Hodorová, PhD.						
Date of last modification: 14.12.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UA/A-ZL2/15	Course name: Anatomy 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 3 Per study period: 42 / 42 Course method: present	
Number of ECTS credits: 7	
Recommended semester/trimester of the course: 2.	
Course level: I.II.	
Prerequisites: UA/A-ZL1/15	
Conditions for course completion: <ul style="list-style-type: none"> • 100% active participation in practical lessons. If a student is not present in practical lessons (maximum 3 times) due to serious healthy or personal reasons, his absence of the missing practical lesson must be compensate in a manner determined by the teacher. Student with more than 3 absences in practical lessons is not qualified to continue subject Anatomy 2 and to participate in the retaken tests and exams. • Compulsory presence in lectures (three absences without giving a reason are allowed). • Theoretical and methodical mastery of practical tasks. Conditions for register for exam from subject Anatomy 2: <ul style="list-style-type: none"> • The student is obliged to pass all ongoing theoretical and practical tests – i.e. 3 theoretical and 3 practical tests during semester. • The student must achieve at least 60 % success rate, i.e. 24 points from each theoretical test (out of 40 points) and 12 points from each practical test (out of 20 points). If the student does not achieve the minimum number of points from each test, he is entitled to 2 retaken tests. The 1st retaken test will be hold at the beginning of exam period of the winter semester and the 2nd retaken test in the end of the exam period of winter semester. The student will take the retaken test only from test, in which he did not achieve the minimum number of points (24 from the theoretical test and 12 from the practical test). If the student does not take part in tests for any reason (personal, family, health), he will take the tests on the first or second retaken terms in the same way like the regular tests. Student, who not satisfy the conditions for completion of the subject (he was absent for more than 3 practical lessons, did not pass current or retaken tests, respectively), will be evaluated with grade "X-ungraded" with no possibility to undertake more retaken tests and to register for exam from subject Anatomy 2. Final exam consists of: the 1st, practical part – 30 anatomical pictures, student must achieve minimum 60 % to continue to the 2nd, theoretical part – written test, which consists of 100 questions. The final classification includes the evaluation of the final theoretical test, in points: A = 100 – 91, B = 90 – 84, C = 83 – 75, D = 74 – 68, E = 67 – 60, FX = 59 and less. Priebežné hodnotenie (test, samostatná práca): 3 theoretical and 3 practical tests Záverečné hodnotenie (skúška): theoretical test	
Learning outcomes:	

In the first part of the semester, students will study bones of the skull, cervical vertebrae and their connections, muscles of head and neck, as well. The aim of the subject is to understand detailed anatomy of the head and neck, the knowledge of blood supply, venous and lymphatic drainages. Innervation of head and neck is substantial for dental students. Detailed anatomy of the skull cavities and their contents and clinically important regions of the head and neck including the organs of hearing and vision are substantial part of this semester in connection of previous knowledge. Correlation between autonomic and somatic innervation of organs will help understand innervation of head and neck. General characteristics and function of endocrine system and skin complete information of anatomy for dental students.

Brief outline of the course:

Skull: splanchnocranium and neurocranium, skull cavities and their borders. Connections of bones of skull. Cervical vertebrae and craniovertebral joints, temporomandibular joint. Muscles of the head – mimetic and masticatory muscles, muscles of the neck. Vessels and coverings of CNS. Blood supply of the head and neck: common carotid a., subclavian a., and its branches. Venous and lymphatic drainage of the head and neck. Innervation of the head and neck – cranial nerves and cervical plexus. Skull cavities and communications. Topographical anatomy of the head. Topographical anatomy of the neck. Autonomic innervation of the head and neck. Anatomical structures of the eye and ear. Visual, auditory, vestibular pathways. Endocrine system. Skin.

Recommended literature:

Základná študijná literatúra:

MRÁZ, P. a kol.: Anatómia človeka, vyd. Slovak Academic Press, 2021

KLUCHOVÁ, D. a kol.: Anatómia trupu a končatín, vyd. UPJŠ Košice, 2015

Doplnková študijná literatúra:

LOVÁSOVÁ, K., KLUCHOVÁ, D.: Topografická anatómia ťažko prístupných a klinicky významných oblastí hlavy, vyd. Typopress, Košice, 2010

NETTER, F. H.: Netterov anatomický atlas človeka, CPress, 2016

Sobottův atlas anatomie člověka I. a II., Grada, 2007

ROHEN, J. W., YOKOSHI, CH., LÜTJEN-DRECOLL, E.: Anatomie člověka. Fotografický atlas. Triton, 2012

HUDÁK, R. a kol.: Memorix anatomie, Triton, 2017

DAUBER, W.: Feneisův obrazový slovník anatomie, Grada, 2011

Course language:

Notes:

Course assessment

Total number of assessed students: 890

A	B	C	D	E	FX
10.34	15.28	19.66	15.62	26.97	12.13

Provides: doc. MUDr. Adriana Boleková, PhD., doc. MVDr. Květuše Lovásová, PhD., doc. MUDr. Dalibor Kolesár, PhD., MDDr. Mirela Rozprávková, PhD.

Date of last modification: 02.02.2024

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ ZVP-ZL/22	Course name: Basics of Scientific Work
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: The graduate obtains basic information from the field of scientific and medical research. He acquires knowledge from the field of animal experiments as well as nanotechnology. Acquires knowledge of the ethical rules of animal experiments.	
Brief outline of the course: Current medical and scientific research. Starting points and goals of scientific work in biomedical sciences. The structure of the animal experiment. Science work. Inaccuracy in scientific research. Moral aspects of scientific discoveries. Nobel Prize. About logic in scientific work (logic, reasoning, abduction). Cognitive sciences, neural networks. The roots of Slovak science. Nanotechnology. Scientific research and scientific problem. Evidence-based medical practice. Ethical prerequisites for working with experimental animals. Model of experimental gastric ulcer. Rules for working with experimental animals. An experimental model of audiogenic epilepsy. Care of experimental animals. Model of experimental myocardial infarction. Model of atrial and ventricular fibrillation and flutter of the heart. Seminar on lecture and rhetoric. Student presentations.	
Recommended literature: Holzerová J.: Modely chorôb v patofyziológii, UK Bratislava 2006, 129 s. ISBN 80-223-2046-3 Slavkovský P.: Korene slovenskej vedy a Nobelova cena za fyziológiu alebo medicínu SAP, Bratislava 2005, 164 s. Základy metodiky vedeckej práce	

Mária Kilíková · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2011
 Ako písať školské a záverečné práce
 Metodická pomôcka pre študentov
 Peter Orendáč · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2008
 Professional, scientific and domestic foreign magazines and books.

Course language:

english

Notes:

Course assessment

Total number of assessed students: 80

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	100.0	0.0	0.0	0.0	0.0	0.0

Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Andrej Jenča, PhD., MBA,
 MDDr. René Koudelka, MDDr. Filip Lukáč

Date of last modification: 20.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán,
 Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULCHBKB/BCHM-ZL/24	Course name: Bioorganic Chemistry in Medicine
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: seminars, lectures; more details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/general-medicine/	
Learning outcomes: The graduate knows the structures and functions of selected organic and bioorganic molecules that participate in chemical processes taking place in living systems, which leads to a better understanding of the functions of the whole organism. Bioorganic chemistry is the chemical basis for mastering and properly understanding medical biochemistry, which is its superstructure and also forms the theoretical basis of several medical disciplines.	
Brief outline of the course: Organic compounds (e.g. hydrocarbon derivatives, carboxylic acids. Structure and biochemically significant reactions of organic compounds. Heterocyclic compounds. Saccharides. Lipids and steroids. Nucleic acids. Amino acids and peptides. Proteins - structure and function. Natural substances - e.g. vitamins, alkaloids. More details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/general-medicine/	
Recommended literature: Mareková M. et al.: Lectures, 2021; https://portal.lf.upjs.sk/articles.php?aid=250 Stupák M. et al.: Medical Chemistry - "Hand book", 2020; https://portal.lf.upjs.sk/articles.php?aid=69 Urban P. et al.: Chemistry - Repetitorium, 2017; https://portal.lf.upjs.sk/articles.php?aid=236 Stupák M. et al.: Medical Chemistry - Calculation, 2017; https://portal.lf.upjs.sk/articles.php?aid=232 Országová Z. et al.: Medical Chemistry, 2008	
Course language: english	
Notes:	

Course assessment						
Total number of assessed students: 0						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. RNDr. Vladimíra Tomečková, PhD., univerzitná profesorka, doc. RNDr. Marek Stupák, PhD., RNDr. Jana Mašlanková, PhD.						
Date of last modification: 05.06.2024						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ KAZL-ZL1/16	Course name: Case Reports of Acute Dental 1
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6s Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: SK/KZL-ZL2/15 and SK/DCH-ZL1/15	
Conditions for course completion: Preparation of case reports with the subject CD, DS, Propedeutics D, Periodontology, PeD, OD and their presentation on powerpoint of at least 3 case reports. Completion of 100% participation in practical exercises and lectures. Ongoing monitoring with evaluation record during clinical training. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: Focusing on rigorous diagnosis and treatment of clinical cases of acute dentistry.	
Brief outline of the course: Acute clinical subjects require prompt access to exact diagnosis and subsequent immediate treatment. The subject will be focused on managing exact diagnostics in a short time using all available diagnostic methods and following therapeutic procedures.	
Recommended literature: Holzerová J.: Modely chorôb v patofyziológii, UK Bratislava 2006, 129 s. ISBN 80-223-2046-3 Slavkovský P.: Korene slovenskej vedy a Nobelova cena za fyziológiu alebo medicínu SAP, Bratislava 2005, 164 s. Základy metodiky vedeckej práce Mária Kilíková · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2011 Ako písať školské a záverečné práce Metodická pomôcka pre študentov Peter Orendáč · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2008 Professional, scientific and domestic foreign magazines and books.	
Course language:	

english						
Notes:						
Course assessment						
Total number of assessed students: 25						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
4.0	96.0	0.0	0.0	0.0	0.0	0.0
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, doc. MUDr. Silvia Timková, PhD., MHA, MUDr. Andrej Jenča, PhD., MBA, MDDr. René Koudelka, MDDr. Adriána Mičková, MDDr. Vladislava Šaková, MDDr. Andrea Urbanová, PhD., MDDr. Natália Sokolová, MUDr. Jarmila Chrenková, PhD., MUDr. Silvia Labusová, MDDr. Adela Dzurilová, MDDr. Martina Semanová, MUDr. Margaréta Tamášová, PhD., MUDr. Marcela Šestáková, PhD., MUDr. Eva Janitorová, PhD.						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ KAZL-ZL2/16	Course name: Case Reports of Acute Dental 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6s Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites: SK/KZL-ZL3/22 and SK/DCH-ZL2/22	
Conditions for course completion: Preparation of case reports with the subject CD, DS, Propedeutics D, Periodontology, PeD, OD and their presentation on powerpoint of at least 3 case reports. Completion of 100% participation in practical exercises and lectures. Ongoing monitoring with evaluation record during clinical training. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: Focusing on rigorous diagnosis and treatment of clinical cases of acute dentistry.	
Brief outline of the course: Acute clinical subjects require prompt access to exact diagnosis and subsequent immediate treatment. The subject will be focused on managing exact diagnostics in a short time using all available diagnostic methods and following therapeutic procedures.	
Recommended literature: Holzerová J.: Modely chorôb v patofyziológii, UK Bratislava 2006, 129 s. ISBN 80-223-2046-3 Slavkovský P.: Korene slovenskej vedy a Nobelova cena za fyziológiu alebo medicínu SAP, Bratislava 2005, 164 s. Základy metodiky vedeckej práce Mária Kilíková · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2011 Ako písať školské a záverečné práce Metodická pomôcka pre študentov Peter Orendáč · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2008 Professional, scientific and domestic foreign magazines and books.	
Course language:	

english						
Notes:						
Course assessment						
Total number of assessed students: 3						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	100.0	0.0	0.0	0.0	0.0	0.0
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Andrej Jenča, PhD., MBA, MUDr. Adriána Petrášová, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MDDr. René Koudelka, MDDr. Adriána Mičková, MDDr. Vladislava Šaková, MDDr. Andrea Urbanová, PhD., MUDr. Jarmila Chrenková, PhD., MDDr. Natália Sokolová, MUDr. Silvia Labusová, MDDr. Adela Dzurilová, MDDr. Martina Semanová, MUDr. Margaréta Tamášová, PhD., MUDr. Marcela Šestáková, PhD., MUDr. Eva Janitorová, PhD.						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ KAZL-ZL3/18	Course name: Case Reports of Acute Dental 3
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6s Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 11.	
Course level: I.II.	
Prerequisites: SK/KZL-ZL5/22 and SK/MFCH-ZL1/22	
Conditions for course completion: Preparation of case reports with the subject CD, DS, Propedeutics D, Periodontology, PeD, OD and their presentation on powerpoint of at least 3 case reports. Completion of 100% participation in practical exercises and lectures. Ongoing monitoring with evaluation record during clinical training. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: Focusing on rigorous diagnosis and treatment of clinical cases of acute dentistry.	
Brief outline of the course: Acute clinical subjects require prompt access to exact diagnosis and subsequent immediate treatment. The subject will be focused on managing exact diagnostics in a short time using all available diagnostic methods and following therapeutic procedures.	
Recommended literature: Holzerová J.: Modely chorôb v patofyziológii, UK Bratislava 2006, 129 s. ISBN 80-223-2046-3 Slavkovský P.: Korene slovenskej vedy a Nobelova cena za fyziológiu alebo medicínu SAP, Bratislava 2005, 164 s. Základy metodiky vedeckej práce Mária Kilíková · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2011 Ako písať školské a záverečné práce Metodická pomôcka pre študentov Peter Orendáč · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2008 Professional, scientific and domestic foreign magazines and books.	
Course language:	

english						
Notes:						
Course assessment						
Total number of assessed students: 0						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Andrej Jenča, PhD., MBA, MUDr. Adriána Petrášová, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MDDr. René Koudelka, MDDr. Vladislava Šaková, MDDr. Adriána Mičková, MDDr. Andrea Urbanová, PhD., MDDr. Natália Sokolová, MUDr. Jarmila Chrenková, PhD., MUDr. Silvia Labusová, MDDr. Adela Dzurilová, MDDr. Martina Semanová, MUDr. Margaréta Tamášová, PhD., MUDr. Marcela Šestáková, PhD., MUDr. Eva Janitorová, PhD.						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULCHBKB/CHDM-ZL/24	Course name: Chemistry of Dental Materials
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: lectures, seminars, practical exercise, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Learning outcomes: The graduate acquires knowledge of general, inorganic and physical chemistry. Knows the importance of acid-base properties of substances, as well as energetic processes and understands the laws of the course of chemical reactions. Knows the structures and functions of metals and their alloys, ceramic, macromolecular and polymeric substances used in dentistry. The acquired knowledge will contribute to a better understanding of the composition, functions and properties of dental materials, which are the necessary theoretical basis for their subsequent correct application in dentistry.	
Brief outline of the course: Properties of dispersion systems and biological significance of water. Solutions (preparation, concentration, dilution - calculations). Acids, bases and salts, pH calculation. Buffers systems and the Henderson-Hasselbalch equation. Laws of the course of chemical reactions (kinetics, equilibrium, precipitation, thermodynamics). Electrochemistry (oxidation-reduction reactions, electrolysis, galvanic cell). Metals and their properties (crystalline lattices of metals, electrochemical voltage series of metals). Alloys and their properties (phase diagrams, eutectic point, corrosion). Amalgams (composition, structure, solidification reactions). Selected alloys used in dentistry (steel, Au and Ti alloys). Ceramic materials (composition and properties, dental cements and porcelains). Model materials. Impression materials. Polymers and macromolecular substances. Chemical composition of teeth.	
Recommended literature:	
Course language: slovak	
Notes:	

Course assessment					
Total number of assessed students: 40					
A	B	C	D	E	FX
7.5	15.0	25.0	27.5	25.0	0.0
Provides: doc. Ing. Katarína Dubayová, PhD., doc. Ing. Beáta Hubková, PhD., RNDr. Jana Mašlanková, PhD., doc. RNDr. Lukáš Smolko, PhD., doc. RNDr. Marek Stupák, PhD., RNDr. Monika Švecová, PhD., RNDr. Ivana Večurková, PhD.					
Date of last modification: 19.06.2024					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULCHBKB/KB-ZL/15	Course name: Clinical Biochemistry
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: UPF/PF-ZL2/15	
Conditions for course completion: seminars, lectures; more details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Learning outcomes: The graduate should understand the relationships between metabolic changes and laboratory test results and be able to interpret selected the laboratory tests result of patients important not only for the health oral cavity but the organism as a whole. The course is organized in form of lectures and seminars (e.g. solution of selected case reports) and it offers information on biochemical laboratory methods important for screening, diagnostics and therapy monitoring of selected diseases. It is a highly applied biochemistry, which is performed by lecturers with experience in clinical biochemistry.	
Brief outline of the course: Introduction to clinical biochemistry. Water and mineral homeostasis (e.g. regulation of osmolality). Acid-base balance disorders. Renal function. Liver function. Biochemistry background of diabetes mellitus. Cardiac markers. Calcium-phosphate and magnesium balance. Biochemical tests in endocrinology. Laboratory markers of malignant diseases. Disorders of iron metabolism. Biochemistry of extreme age. More details.: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Recommended literature: Ďurovcová E. et al.: Lectures, 2020; https://portal.lf.upjs.sk/articles.php?aid=145 Ďurovcová E. a Mareková M.: Clinical Biochemistry - selected chapters; 2021 https://portal.lf.upjs.sk/articles.php?aid=114 Ďurovcová E. a Mareková M.: Clinical Biochemistry, 2013 Nessar A.: Clinical Biochemistry, 2nd edition, Oxford University Pres, 2016 Gaw A. et al.: Clinical Biochemistry, Elsevier, 2013	
Course language: english	
Notes:	

Course assessment					
Total number of assessed students: 48					
A	B	C	D	E	FX
4.17	22.92	41.67	27.08	4.17	0.0
Provides: MUDr. Eva Ďurovcová, PhD., prof. Ing. Mária Mareková, CSc.					
Date of last modification: 28.02.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ KSM-ZL/15	Course name: Clinical Seminars
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 Per study period: 0 / 132s Course method: present	
Number of ECTS credits: 7	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. - getting credits	
Learning outcomes: The graduate obtains from the subject of clinical seminars additional information for the preparation of state exams. The presence of the student at clinical seminars increases and deepens his skills and knowledge necessary for practicing the profession of a dentist.	
Brief outline of the course: Content content of the state exam: 1. Therapeutic dentistry 2 Orthopedic dentistry 3. Maxillofacial surgery	
Recommended literature: . Peter Orendáč · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2008 . Pickard s Manual of Operative Dentistry , 2011, ISBN-10: 0199579156 , ISBN-13: 9780199579150 . Minčík, J. Kariológia, 2014, ISBN: 9788088900627 • Kováč, J.: Základy endodoncie. Bratislava: Univerzita Komenského v Bratislave, 2013, ISBN 80-223-3390-0, skriptá. . Hirjak, D., a Machoň, V., · Vydavateľstvo: Slovensko, 2014 Traumatológia skeletu tváre . Kluchová D. a kol.: Anatómia hlavy a krku, vyd. UPJŠ Košice, 2018 . Hrušák, D.,: Stomatochirurgie. Current media, 2017	

. Tomáš Siebert, Parodontológia I., VYDAVATELSTVO Univerzita Komenského Bratislava, 2020 . Siebert, T., Parodontológia II., 2021, Kód: 41330584 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 719						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
79.42	16.27	4.03	0.28	0.0	0.0	0.0
Provides: doc. MUDr. Silvia Timková, PhD., MHA, MUDr. Andrej Jenča, PhD., MBA, MUDr. Adriána Petrášová, PhD., MUDr. Jarmila Chrenková, PhD., MUDr. Silvia Labusová, MUDr. Marián Kyseľ, PhD., MDDr. Gabriela Verbová, PhD., MUDr. Margaréta Tamášová, PhD., MUDr. Marcela Šestáková, PhD., MUDr. Jana Kaiferová, PhD., Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Mária Eötvösová, PhD.						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ KZL-ZL1/22	Course name: Conservative Dentistry 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 6.	
Course level: I.II.	
Prerequisites: SK/PZL-ZL4/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Ongoing monitoring with evaluation record during clinical training. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of procedures during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and design of a treatment plan (14) Vital treatment of the dental pulp - direct covering of the dental pulp (5 cases), indirect covering (5 cases), evaluation of radiograms (15 cases).	
Learning outcomes: The graduate acquires knowledge about the origin of dental caries, diagnosis and treatment of dental caries, practical examination of patients, finding out the anamnesis, clinical learning of dental caries diagnosis and treatment indications. It practically treats the patient under the control of the assistant teacher.	
Brief outline of the course: Subject and content of cariology: epidemiology and incidence of dental caries, economic importance of dental caries treatment, patient examination and the importance of anamnesis, file documentation, proper treatment of glass walls, the importance of preventive extension, the importance of the quality of consistency of the filling material, the choice of instruments for the material application, compliance with the parameters of mixing time and solidification of materials. Etiopathogenesis of tooth decay. Diagnosis of dental caries. Mechanisms of defense of tooth decay - epimineralization, transparent dentin, tertiary dentine. Patomorphological picture of tooth decay. Dental caries treatment : clinical principles of preparation, indications for filling materials, practical	

treatment of individual types of dental caries according to Black, microinvasive preparations. Diagnosis and treatment of non-carious defects of hard dental tissues.						
Recommended literature: . Pickard s Manual of Operative Dentistry , 2011, ISBN-10: 0199579156 , ISBN-13: 9780199579150 . Minčík, J. Kariológia, 2014, ISBN: 9788088900627 • Kováč, J.: Základy endodoncie. Bratislava: Univerzita Komenského v Bratislave, 2013, ISBN 80-223-3390-0, skriptá. Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 753						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
56.84	26.96	14.74	1.06	0.0	0.0	0.4
Provides: MUDr. Margaréta Tamášová, PhD., MUDr. Adriána Petrášová, PhD., MDDr. Mária Futejová, MDDr. Zuzana Minarčíková, MUDr. Kristína Biganičová, MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Viktória Hužvárová, MPH, MDDr. Dominika Domonkošová, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Dominik Šarik, MDDr. Vladislava Šaková, MDDr. Natália Sokolová, MUDr. Angelika Vavrek Hanzenová, MDDr. Simona Fritzká						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ KZL-ZL2/15	Course name: Conservative Dentistry 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: SK/KZL-ZL1/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Ongoing monitoring with evaluation record during clinical training. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of procedures during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and design of a treatment plan (15) Vital treatment of the dental pulp - indirect overlap (8), direct overlap (5). Local treatment of dentinal hypersensitivity (5). Composite fillings (5). Glass ionomer filling (4). Evaluation of radiograms (20).	
Learning outcomes: The graduate will gain knowledge about the indications of individual types of materials, their properties, working procedures in the application of glass ionomer and composite materials, treatment and polishing of these materials	
Brief outline of the course: Filling materials and instruments for the application of dental materials – chemical curing materials, light-curing filling materials, adhesives. Glass ionomer cements - properties, composition, adhesion mechanism, using indications. Diagnosis and treatment of non-carious defects of hard dental tissues - abrasion, attrition, erosion. Dentine hypersensitivity - diagnostics, methods of treatment. Practical treatment of individual types of dental caries according to Black, using various materials, treatment of teeth with dentinal hypersensitivity.	
Recommended literature:	

Jitka Stejskalová a kolektiv · Konzervační zubní lékařství (druhé vydání) CZ, Vydavatelství: Galén, 2008

- Rudolf Kotula · Endodoncia - filozofia a prax, Vydavateľstvo: Herba, 2006
- Minčík, J. Kariológia, 2014, ISBN: 9788088900627

. Harthy, : Endodontics in clinical practise, 2010, ISBN-10: 0702031569, ISBN-13: 978-0702031564

Professional, scientific and domestic foreign magazines and books.

Course language:
english

Notes:

Course assessment

Total number of assessed students: 792

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
53.28	19.19	17.68	7.32	1.64	0.63	0.25

Provides: MUDr. Adriána Petrášová, PhD., MUDr. Margaréta Tamášová, PhD., MDDr. Natália Sokolová, MDDr. Mária Futejová, MDDr. Adriána Mičková, MUDr. Angelika Vavrek Hanzenová, MUDr. Silvia Labusová, MDDr. Andrea Sinčák Konečná, PhD., MUDr. Kristína Biganičová, MDDr. Dominik Šarik, MDDr. Martin Holló, MDDr. Dominika Domonkošová

Date of last modification: 20.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ KZL-ZL3/22	Course name: Conservative Dentistry 3
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 4 Per study period: 14 / 56 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: SK/KZL-ZL2/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Ongoing monitoring with evaluation record during clinical training. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of procedures during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and design of a treatment plan (15). Vital treatment of the dental pulp - indirect overlap (8), direct overlap (8). Local treatment of dentinal hypersensitivity (5). Composite fillings (5). Glass ionomer filling (4). Endodontic treatment (3). Evaluation of radiograms (20).	
Learning outcomes: The graduate acquires theoretical knowledge of the treatment of root canals in endodontics, which indicates in clinical practice under the supervision of the professor. Can diagnose and indicate treatment of dental pulp diseases.	
Brief outline of the course: Endodontics, introduction to endodontics, Histopathology and manifestation of dental pulp diseases. Causes, clinical features, diagnosis and therapy. Anatomical conditions of the medullary cavity, topography of the canal system, preparation, root instruments - ISO standard and therapeutic agents in endodontics. Staged and one-time method of root canal treatment, differences, initiations and workflow. Evaluation of endodontic treatment - X-ray, Fechter's criteria. Procedures with preservation of dental pulp vitality - selective excavation, direct pulp overlap, vital pulpotomy.	

Comprehensive endodontic treatment of the root system. Mastering of working with magnifying glasses. Acquisition of working with intraoral X-ray device.						
Recommended literature: Harthy, : Endodontics in clinical practise, ISBN-10: 0702031569, ISBN-13: 978-0702031564 • Fejerskov, O, Kidd, E.: Dental caries- The disease and its clinical management, 2008, ISBN 9781405138895 • Rudolf Kotula · Endodoncia - filozofia a prax, Vydavateľstvo: Herba, 2006 • Vlasta Merglová a Hana Hecová · Praktická cvičení z dětského a konzervačního zubního lékařstvíCZ, Vydavateľstvo: Karolinum, 2010 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 749						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
56.21	26.03	13.89	2.67	0.13	1.07	0.0
Provides: MUDr. Margaréta Tamášová, PhD., MUDr. Adriána Petrášová, PhD., MDDr. Zuzana Minarčíková, MDDr. Adriána Mičková, MUDr. Kristína Biganičová, MDDr. Zuzana Slobodníková Švecová, MDDr. Barbara Petrišin Rudová, MDDr. Natália Sokolová, MDDr. Dominik Šarik, MDDr. Vladislava Šaková						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ KZL-ZL4/09	Course name: Conservative Dentistry 4
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: SK/KZL-ZL3/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Ongoing monitoring with evaluation record during clinical training Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of procedures during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and design of a treatment plan (15). Vital treatment of the dental pulp - indirect overlap (8), Composite fillings (5) Glass ionomer filling (5) Endodontic treatment (5) Evaluation of radiograms (20)	
Learning outcomes: The graduate acquires skills in diagnosis, differential diagnosis and treatment of dental caries affecting the dental pulp, treatment of root canals in endodontics, but also focuses on the prevention of apical periodontitis. Under professional guidance, he will use the acquired knowledge and practical skills in clinical exercises.	
Brief outline of the course: Clinical endodontics: preparation of the dentinal canal system, methods and techniques, use of Ni - Ti preparation tools, determination of the working length of the root canal. Root canal filling - methods and techniques, root filling materials. Apical periodontitis - causes, classification systems, diagnostics, differential diagnostics and therapies. X-ray assessment, prognosis. Surgical procedures supplementing endodontic treatment - possibilities of indication.	

Recommended literature:

- Fejerskov, O, Kidd, E.: Dental caries- The disease and its clinical management, 2008, ISBN 9781405138895

- Vlasta Merglová a Hana Hecová · Praktická cvičení z dětského a konzervačního zubního lékařstvíCZ, Vydavatel'stvo: Karolinum, 2010

- Harthy, : Endodontics in clinical practise, 2012, ISBN-10: 0702031569 ISBN-13: 978-0702031564

Professional, scientific and domestic foreign magazines and books.

Course language:

english

Notes:**Course assessment**

Total number of assessed students: 781

A	B	C	D	E	FX
44.43	23.18	16.65	9.48	5.63	0.64

Provides: MUDr. Margaréta Tamášová, PhD., MUDr. Adriána Petrášová, PhD., MDDr. Zuzana Minarčíková, MDDr. Adriána Mičková, MDDr. Mária Futejová, MUDr. Kristína Biganičová, MDDr. Zuzana Drotárová, PhD., MHA, MUDr. Andrea Vödrösová, MDDr. Dominik Šarik, MDDr. Barbara Petrišin Rudová, MDDr. Vladislava Šaková, MDDr. Natália Sokolová, MUDr. Angelika Vavrek Hanzenová, MDDr. Dominika Domonkošová

Date of last modification: 20.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ KZL-ZL5/22	Course name: Conservative Dentistry 5
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites: SK/KZL-ZL4/09	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Ongoing monitoring with evaluation record during clinical training Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of procedures during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and design of a treatment plan (15) Vital treatment of the dental pulp - indirect covering of the dental pulp (8) Composite fillings (5) Glass ionomer filling (5) Endodontic treatment (8) Evaluation of radiograms (20)	
Learning outcomes: The graduate acquires knowledge in the field of modern methods of diagnostics and treatment of hard dental tissues and pulpoperiodontal lesions, such as working with modern diagnostic and therapeutic devices under a microscope, diagnoser. He participates in the diagnosis of the causes of focal infections of dentogenic origin and subsequently participates practically in their elimination.	
Brief outline of the course: Whitening of devital and vital teeth - indications, mechanism of preparations action, individual types of used preparations. Pulpoparodontal lesions - clinical and X-ray, methods of treatment, prognosis. Focal infection of dentogenic origin and its consequences on the condition of systemic organs of the human body.	
Recommended literature:	

- Vlasta Merglová a Hana Hecová · Praktická cvičení z dětského a konzervačního zubního lékařství CZ, Vydavatelství: Karolinum, 2010
- . Fejerskov, O, Kidd, E.: Dental caries- The disease and its clinical management, 2008, ISBN 9781405138895
- . Harthy, : Endodontics in clinical practise, 2012, ISBN-10: 0702031569

Professional, scientific and domestic foreign magazines and books.

Course language:

english

Notes:

Course assessment

Total number of assessed students: 750

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
53.6	27.73	13.6	4.13	0.67	0.0	0.27

Provides: MUDr. Margaréta Tamášová, PhD., MUDr. Adriána Petrášová, PhD., MDDr. Zuzana Minarčíková, MDDr. Adriána Mičková, MUDr. Jana Ondrašovičová, PhD., MDDr. Barbara Petrišin Rudová, MDDr. Viktória Hužvárová, MPH, MUDr. Kristína Biganičová, MDDr. Dominik Šarik, MDDr. Natália Sokolová, MDDr. Simona Fritzka

Date of last modification: 20.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ KZL-ZL6/15	Course name: Conservative Dentistry 6
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 22s / 110s Course method: present	
Number of ECTS credits: 7	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites: SK/KZL-ZL5/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Ongoing monitoring with evaluation record during clinical training Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of procedures during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and design of a treatment plan (15) Vital treatment of the dental pulp - indirect overlap (8) Composite fillings (5) Glass ionomer filling (5) Endodontic treatment (5) Filling with pulpal and parapulpal pins (3) Examination of focal infection (5) Evaluation of radiograms (20)	
Learning outcomes: The graduate acquires theoretical knowledge in the diagnosis and treatment of traumatic damage to the crown and the tooth root, participates in the reconstruction of the crown of devital teeth by pulpal and parapulpal retention systems. Gains knowledge of professional ethics and ethical standards in relation to patients, staff and colleagues.	
Brief outline of the course: Errors in cavity preparation and filling applications: non-compliance with basic preparation principles. Complex endodontic remediation, complications of endodontic treatment. Possibilities of reconstruction of the crown of devital teeth - pulpal, parapulpal retention systems in vital teeth.	

Traumatic damage to the crown and root and their treatment. Differential diagnosis of pain in the orofacial area. Examination and indications for the solution of dental focal infection. Professional ethics and ethical standards in relation to patients, staff and colleagues. Frontier issues of conservation dentistry with prosthetics, dentoalveolar surgery and periodontics.						
Recommended literature: <ul style="list-style-type: none"> • Vlasta Merglová a Hana Hecová · Praktická cvičení z dětského a konzervačního zubního lékařstvíCZ, Vydavatelství: Karolinum, 2010 • Šedý J. Kompendium stomatologie II. 1. vydanie, Praha: Stanislav Juhaňák, Triton, 2016, 1195 s. ISBN 978-80-7553-220-6 • Minčík, J.: Kariológia. Košice: JES SK s.r.o., Košice, 2014, 255s. ISBN: 978-80-88900-62-7 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 759						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.8	32.54	12.25	4.35	0.79	0.13	0.13
Provides: MUDr. Adriána Petrášová, PhD., MUDr. Margaréta Tamášová, PhD., MDDr. Zuzana Minarčíková, MDDr. Adriána Mičková, MDDr. Zuzana Slobodníková Švecová, MDDr. Kornélia Pandyová, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Mária Futejová, MDDr. Natália Sokolová, MUDr. Kristína Biganičová, Kateryna Starychenko, MDDr. Viktória Hužvárová, MPH, MDDr. Dominika Domonkošová						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ DMTP-ZL1/22	Course name: Dental Materials, Technologies and Devices 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: I.II.	
Prerequisites: SK/PZL-ZL2/22	
Conditions for course completion: Completion of practical exercises and ongoing control; More information: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Learning outcomes: The graduate acquires comprehensive information about the physic-chemical properties of materials used in dentistry in the field of conservative dentistry and prosthetics. He will get an overview of the materials used for the treatment of dental caries and the materials used in the prosthetic treatment of the teeth. Knows the composition and properties of materials (e.g., metallic, organic, ceramic) used in dentistry. He will understand the principles of their processing and understand the principles of their practical use. Familiarizes himself with basic technological procedures.	
Brief outline of the course: Characteristics of dental materials used in conservative dentistry – chemical, physical, mechanical and biological properties. Preparations for determining and preserving the vitality of the dental pulp. Root filling materials. Metals and their alloys - properties, classification and distribution. Crystallization, phase diagrams. Importance of noble metals for use in dental alloys. Amalgams – composition, meaning, properties and corrosion. Materials used to treat and polish metals. Ceramic materials - composition, properties. Dental porcelain and metal-ceramic systems. Cements – composition, solidification reactions. Model materials - production, solidification, mixing ratio. Gypsum – composition, properties, indications for use. Macromolecular substances in dentistry – composition, properties and use. Polymerization - basic reactions. The structure of polymer compounds and the possibilities of their modification. Modelling and molding materials - waxes. Impression materials – composition, classification, solidification reactions. Auxiliary materials used in the production of dental prostheses. Biomaterials - properties and use in medicine. More information: https://www.upjs.sk/en/faculty-of-medicine/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Recommended literature: Stupák M. a kol.: Dental materials – Lectures, 2022; https://portal.lf.upjs.sk/articles.php?aid=176	

Stupák M., Hubková B., Mašlanková J.: Instructions and protocols for practical exercises on dental materials, 2022; <https://portal.lf.upjs.sk/articles.php?aid=177>
 Sakaguchi, R.L., Ferracane, J., Powers, J.M.: Craig's Restorative Dental Materials, 14th Ed., Elsevier, 2018;
 Eakle, W. Stephan, Kimberly G. Bastin: Dental Materials, Elsevier - Health Sciences Division, 2020;
 John M. Powers, John C. Wataha: Dental Materials, Elsevier - Health Sciences Division, 2016;
 Scientific and professional journals

Course language:
 english

Notes:

Course assessment

Total number of assessed students: 118

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
33.9	6.78	9.32	22.03	15.25	12.71	0.0

Provides: prof. Ing. Mária Mareková, CSc., doc. RNDr. Marek Stupák, PhD., doc. RNDr. Lukáš Šmolko, PhD., doc. Ing. Beáta Hubková, PhD., RNDr. Jana Mašlanková, PhD., RNDr. Monika Švecová, PhD., RNDr. Ivana Večurková, PhD.

Date of last modification: 17.02.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ DMTP-ZL2/22	Course name: Dental Materials, Technologies and Devices 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 4.	
Course level: I.II.	
Prerequisites: SK/DMTP-ZL1/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Ongoing monitoring with evaluation record during clinical practice. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: The graduate acquires knowledge of materials used in dentistry in the field of conservation dentistry and endodontics. These are materials used for the treatment of dental caries and materials used in the endodontic treatment of devital teeth, teeth with the dental pulp inflammatory diseases. The graduate acquires knowledge of materials used in dentistry in the field of dental prosthetics. These are materials used in prosthetic dental treatment with a fixed or removable prosthesis, materials used in TMJ rehabilitation. They will get acquainted with the working procedures of making prosthetic works	
Brief outline of the course: Materials used in conservative dentistry: fillers, pads and to maintain the vitality of the dental pulp. Preparations for determining the vitality of the dental pulp. Root filling materials . Biomaterials, their properties and using in medicine. Devices in dentistry, their using properties, technical handling and safe use. Distribution of prosthetic materials: own prosthetic materials (metal alloys, porcelain, resins), imprint materials. Gypsum - composition, properties, using indications . Waxes - composition, using indications . Putties. Materials used for the treatment and polishing of metals. Auxiliary materials used in the manufacture of dental prostheses. Principles of metal casting, resin and porcelain processing. Biomaterials, their properties and use in medicine. Prosthetics devices in dentistry , properties of their use, technical handling, safe use.	
Recommended literature:	

Clinical Applications for Dental Assistants and Dental Hygienists, 2nd Edition Mazánek. J., a kolektiv: Zubní lékařství Propedeutika 2014 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 79						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	97.47	2.53	0.0	0.0	0.0	0.0
Provides: MDDr. Nad'a Homzová, MDDr. Juraj Bánovčín, PhD., MDDr. Zuzana Minarčíková, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Andrea Horváthová, MDDr. Karolína Kamila Glińska, MDDr. Zuzana Kotuličová, MDDr. Zuzana Drotárová, PhD., MHA, MUDr. Michaela Michalik, PhD., MPH, MBA						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ ROO-ZL/24	Course name: Dental Radiology
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 6.	
Course level: I.II.	
Prerequisites: SK/PreZL-ZL/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: The graduate acquires important and necessary knowledge in the field of x-ray diagnostics, sources and effects of radiation. He will learn to evaluate different types of images and describe pathological and normal structures.	
Brief outline of the course: History of radiodiagnostics. Radiodiagnostic devices. Films used in dental practice and their processing. Intraoral and extraoral x-ray techniques indicated in individual branches of dentistry. Panoramic x-ray devices and techniques. Indications for x-ray examinations in individual branches of dentistry. Description of intraoral and extraoral radiographs - normal structures and pathological images. Safety and protection of staff and patients when working with x-ray devices and radiation, methods of reducing the radiation dose.	
Recommended literature: Miroslav Heřman a kolektív · Vydavatel'stvo: Univerzita Palackého v Olomouci, 2014 Základy zobrazovacích metod CZ Jiří Ferda, Hynek Mírka, Jan Baxa a Alexander Malán · Vydavatel'stvo: Galén, 2015 Lehotská, V., Kršáková, A., Radiológia pre stomatológov VEDA, 2018, Learning Radiology: William Herring, Elsevier - Health Sciences Division 2019 Professional, scientific and domestic foreign magazines and books.	
Course language:	

english					
Notes:					
Course assessment					
Total number of assessed students: 756					
A	B	C	D	E	FX
44.97	28.57	17.06	6.08	3.04	0.26
Provides: MUDr. Jarmila Chrenková, PhD., Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Adriána Petrášová, PhD., MUDr. Jana Kaiferová, PhD., MUDr. Marián Kyseľ, PhD., MDDr. Jozef Jendruch, MDDr. Marcel Riznič, PhD., MDDr. MUDr. Beáta Bolerázska, PhD., MDDr. Zuzana Minarčíková, MDDr. Jana Kluknavská, PhD.					
Date of last modification: 01.06.2024					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ DCH-ZL3/15	Course name: Dentoalveolar Surgery 3
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: SK/DCH-ZL2/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and proposal of a treatment plan 10 infiltration anesthesia 10 block anesthesia 10 assistance during a surgical procedure supplementing the endodontic treatment of teeth 5 decapsulation - possibly assistance 5 equalization of the alveolar bone - or assistance 2 intraoral incision - also assistance 5 suture of extraction wound 2	
Learning outcomes: The graduate will acquire theoretical knowledge and basic practical experience in the field of early diagnosis of tumors in the orofacial area, about causes and prevention, their occurrence, treatment methods and specifics of treating patients after surgical and oncological treatment of tumors in the orofacial area.	
Brief outline of the course: Etiology and classification of tumors of the orofacial region. TNM classification and staging. Precancerous lesion Benign and malignant tumors of the orofacial region. Basics of diagnosis and treatment. Dispensary. Prevention of tumors of the orofacial area.	
Recommended literature:	

Lehotská, V., Kršáková, A.,- Radiológia pre stomatológov,2018, vydavateľstvo VEDA, Hrušák, D.,: Stomatochirurgie. Current media, 2017 Zeman, M., Krška, Z., kolektív: Chirurgická propedeutika Grada, 2011 Professional, scientific and domestic foreign magazines and books.					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 423					
A	B	C	D	E	FX
38.77	26.95	21.28	7.8	4.73	0.47
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Marián Kyseľ, PhD., MUDr. Milan Bereš, PhD., MPH, MUDr. Andrej Jenča, PhD., MBA, MDDr. Marcel Riznič, PhD., MDDr. René Koudelka, MDDr. Adriána Mičková, MUDr. Adriána Petrášová, PhD., MDDr. Vladislava Šaková, MDDr. Adela Dzurilová, MDDr. Branislav Borza, PhD., MUDr. Stanislav Andrejko, PhD., MUDr. Peter Kizek, PhD., MHA, MPH, MDDr. Jozef Jendruch, MDDr. Filip Lukáč, MDDr. Martina Semanová, MDDr. Tomáš Klabník, MUDr. Igor Kopsa					
Date of last modification: 20.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ DCH-ZL1/15	Course name: Dentoalveolar Surgery 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 4 Per study period: 14 / 56 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: SK/PZL-ZL4/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and proposal of a treatment plan 10 infiltration anesthesia 10 block anesthesia 10 assistance during a surgical procedure supplementing the endodontic treatment of teeth 5 decapsulation - possibly assistance 5 equalization of the alveolar bone - or assistance 2 intraoral incision - also assistance 5 suture of the extraction wound 2 extractions of single-rooted teeth 5 extractions of multi-rooted teeth 5 description of x-ray images: 10	
Learning outcomes: The graduate learns the correct procedure for taking an anamnesis and examining a patient, various techniques of topical and local anesthesia used in dentistry, learns to decide on the indications and contraindications of tooth extractions and the treatment of complications.	
Brief outline of the course: Anamnesis and examination of the patient, medical documentation. Local anesthesia in the orofacial area - anesthetics, indications and contraindications for administration of individual types of anesthetics, method of application. Complications of local anesthetic administration. Tooth extractions - extraction technique, complications during and after tooth extraction. Healing of	

extraction wounds and its complications. Surgical procedures supplementing endodontic treatment of the tooth. Replantation and tooth transplantation. Third molar surgery.						
Recommended literature: Jenča, A. a kol. : Atlas chorôb ústnej dutiny a orofaciálnej oblasti, I. diel, 2007 Hrušák, D.,: Stomatochirurgie. Current media, 2017 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 792						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
53.66	32.07	10.98	2.15	0.76	0.38	0.0
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MDDr. Jozef Jendruch, MUDr. Andrej Jenča, PhD., MBA, MUDr. Adriána Petrášová, PhD., MDDr. Adriána Mičková, MDDr. René Koudelka, MUDr. Milan Bereš, PhD., MPH, MDDr. Vladislava Šaková, MDDr. Filip Lukáč, MDDr. Rastislav Bobuľa, MDDr. Mária Verčimák Cul'bová, MDDr. Karolina Kamila Glińska, MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Igor Kopsa, MDDr. Andrea Horváthová, MDDr. Dominika Ivančáková, MDDr. Martina Semanová, MDDr. Tomáš Klabník, MUDr. Peter Badanič						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ DCH-ZL2/22	Course name: Dentoalveolar Surgery 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 4 Per study period: 14 / 56 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: SK/DCH-ZL1/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and proposal of a treatment plan 10 infiltration anesthesia 10 block anesthesia 10 assistance during surgery supplementing endodontic treatment of teeth 5 decapsulation - possibly assistance 5 equalization of the alveolar bone - or assistance 2 intraoral incision - also assistance 5 suture of the extraction wound 2 single-rooted tooth extractions 5 multi-rooted tooth extractions 5 description of the x-ray image: 10	
Learning outcomes: The graduate acquires knowledge and practical experience in the treatment of inflammations in the oral and facial area, the possibilities and risks of their spreading and the possibilities of their treatment, learns how to prevent inflammations. Acquires knowledge about diagnosis and therapy of salivary gland diseases, surgical therapy of cysts in the orofacial area.	
Brief outline of the course: Inflammations in the area of the oro-maxillofacial region: anatomical determination of spaces, causes of inflammations and routes of spread of infection. Inflammation of the facial bones: ostitis,	

osteomyelitis acute and chronic - causes, diagnosis, treatment, complications. Inflammation of the lips and tongue. Dentogenic inflammation of the jaws, oroantral and oronasal communications, foreign body in the jaw cavity. Inflammation of the jaw joint. Inflammation of the lymph nodes. Salivary gland diseases. Cysts in the orofacial region.						
Recommended literature: Lehotská, V., Kršáková, A.,- Radiológia pre stomatológov,2018, vydavateľstvo VEDA, Hrušák, D.,: Stomatochirurgie. Current media, 2017 Zeman, M., Krška, Z., kolektív: Chirurgická propedeutika Grada, 2011 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 750						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
56.53	31.73	10.53	1.2	0.0	0.0	0.0
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MDDr. Jozef Jendruch, MDDr. René Koudelka, MDDr. Vladislava Šaková, MUDr. Livia Sladká, PhD., MHA, MUDr. Marián Kysel', PhD., MUDr. Igor Kopsa, MUDr. Peter Badanič, MDDr. Adela Dzurilová, MDDr. Andrea Horváthová, MDDr. Peter Harich, MUDr. Andrej Jenča, PhD., MBA, MDDr. Filip Lukáč, MUDr. Adriána Petrášová, PhD.						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KD/D-ZL/22	Course name: Dermatovenerology
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: IK/IM-ZL2/15	
Conditions for course completion: 100% attendance at practical exercises (in the case of excused absence practice, student may substitute up to 2 exercises). Successfully pass the tests to get at least 60% of total score. Compulsary attendance in at least 7 lectures	
Learning outcomes: The student of the subject Dermatovenerology will acquire theoretical and practical knowledge in the field of etiopathogenesis, diagnosis, differential diagnosis, treatment and prevention of the skin diseases and sexually transmitted diseases especially with a focus on diseases affecting the visible mucous membranes, particularly the oral cavity, in children and adults. The student will have the skills to diagnose and treat drug, food and contact allergies to allergens used in dental medicine. The student is able to evaluate and use the acquired knowledge during further study and at the same time apply theoretical knowledge in practice.	
Brief outline of the course: General dermatology, morphology, terminology. Basic investigation in dermatology (investigation methods). Bacterial, viral and fungal infections of the skin and mucous membranes - differential diagnosis. Psoriasis and erythematosquamous diseases. Eczema – endogenous, exogenous, diagnosis, therapy. Drug allergy, food allergy. Facial dermatoses. Manifestations of skin diseases in the oral cavity. Bullous dermatoses. Autoimmune connective tissue diseases. Hair and nail diseases. Chronic venous insufficiency. Non-melanoma skin cancer and malignant melanoma. Venereal diseases. STD. Basics of pharmacotherapy in dermatovenerology	
Recommended literature: Jautová, J. Zásady terapie v dermatológii: vysokoškolská učebnica pre pregraduálne a postgraduálne štúdium. Košice, UPJŠ, 2010, 95s., 2010. Jautová, J. Praktické cvičenia z dermatovenerológie pre poslucháčov zubného lekárstva. Košice, UPJŠ, 2010, 85 s., 2010. Buchvald, J., Buchvald, D. Dermatovenerológia. SAP-Slovak Academic Press, s.r.o., Bratislava, 2002. Vlašín, Z., Jedličková, A. a kol.: Praktická dermatologie v obrazech a schématech. Vladerma, Brno 2001. Braun-Falco, O., Plewig, G., Helmut, H.W.: Dermatológia a venerológia. Vydavateľstvo Osveta,	

Martin, 2001. Šimaljaková, M., Buchvald, D: Dermatovenerológia. Vydavateľstvo UK, Bratislava, 2019 Hercogová, J. et al.: Klinická dermatovenerologie 1. a 2.díl, Mladá fronta, Praha, 2019					
Course language:					
Notes:					
Course assessment Total number of assessed students: 749					
A	B	C	D	E	FX
52.34	16.56	13.62	7.61	9.48	0.4
Provides: doc. MUDr. Janette Baloghová, PhD., prof. MUDr. Jagienka Jautová, PhD., MBA, MUDr. Zuzana Baranová, PhD., MUDr. Zuzana Fedáková, MUDr. Anna Rajňáková, MUDr. Gabriela Takáčová, MBA					
Date of last modification: 20.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/ LFRZCPOTA/16	Course name: Developing Reading and Writing Skills (Specialised Texts) in English Language
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3., 5., 7.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Active classroom participation, 2 absences (2x90 min.) tolerated. Test (6th/7th week, 12th/13th week), no retake. Exam - final exam test. Final evaluation = continuous assessment tests (50%), final exam test (50%). Grading scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.	
Learning outcomes: The development of students' reading and writing skills, students obtain knowledge of selected aspects of functional grammar and specific features of English-written professional/scientific texts, and acquire practical academic writing skills, level B1/B2 according to CERF.	
Brief outline of the course: Organising ideas/text, linking words, cohesion and coherence devices. Paragraph building, writing and essay/scientific paper. Paraphrasing. Reading techniques - skimming, scanning, reading for key terms/ideas, understanding complex sentences.	
Recommended literature: Thaine, C.: Cambridge Academic English Intermediate. CUP, 2012. McCarthy, M., O'Dell, F.: Academic Vocabulary in Use, Cambridge University Press, 2008. Štěpánek, L., J. De Haaf a kol.: Academic English-Akademická angličtina. Grada Publishing, a.s. 2011. Armer, T.: Cambridge English for Scientists. Cambridge University Press, 2011. Bailey, S.: Academic Writing. A Handbook for International Students. Routledge, 2011. Swales, J. M., Feak, Ch. B.: Academic Writing for Graduate Students. University of Michigan Press, 2004.	
Course language: English language, level B2 according to CEFR.	
Notes:	

Course assessment					
Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 11.03.2022					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ DPO-ZL/24	Course name: Diploma Thesis and Diploma Thesis Defence
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 8	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites: SK/DS-ZL1/22 and SK/DS-ZL2/22	
Conditions for course completion: A student signs for a topic of diploma thesis, which is published by a teacher of UPJS MF with third degree education. He defends his diploma thesis before the state commission. Obtaining the minimum number of credits for compulsory and compulsory optional subjects in the composition prescribed by the study plan. - completing the number of hours for individual diploma seminars - active participation in the processing of the thesis - evaluation of the diploma thesis with enrollment in AIS	
Learning outcomes: The graduate of the subject verifies the acquired knowledge in accordance with the profile of the graduate of Dentistry and the given topic related to the student's thesis. Part of the subject is processing according to the methodology for diploma and dissertation theses in terms of "Methodical guideline 56/2011-R on the requirements of final theses, their bibliographic registration, control of originality, storage and access 3. STN 01 6910: 1999. Rules for writing and editing documents" The diploma thesis must contain its own methodology, results, discussion and conclusion with the contribution of the work to the field. This work must be presented and defended before a committee consisting of state final exams.	
Brief outline of the course: The diploma thesis must contain clear stylized goals, key words for the given topic. Preparation and development of issues aimed at benefiting the department. Own observations and results in the given issue, evaluation of results, discussion, conclusion, contribution to the field. Presentation of the results of the thesis, answers to the questions of the opponent of the thesis and members of the committee.	
Recommended literature: Directive No. 2/2022 In accordance with Art. XII. par. 3 of the UPJŠ FM Organizational Rules and in connection with Directive No. 1/2011 on Essential Prerequisites of Final Theses, Doctorate Degree Theses, and Associate Professorship Degree Theses, Release and Making Available Thereof During the Time of Keeping the Same, and Originality Check Valid for Pavol Jozef Šafárik University	

in Košice and Its Constituents, as amended (hereinafter "Directive No. 1/2011"); Rector's decision No. 9/2022 on the submission of Final Theses at the 1st, 2nd and joined 1st and 2nd degree of Higher Education and the Conclusion of License Agreements and in Accordance with § 63 par. 13 of Act no. 131/2002 Coll. on Higher Education Institutions and on Amendments to Certain Acts, as amended

Course language:

english

Notes:

Course assessment

Total number of assessed students: 567

A	B	C	D	E	FX
38.98	33.69	17.81	5.64	3.7	0.18

Provides:

Date of last modification: 01.06.2024

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/LFKZAZ1/16	Course name: English Language Communication Skills for Dental Practice 1
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 5., 7.	
Course level: I.II.	
Prerequisites: CJP/LFAJZ/09	
Conditions for course completion: Active participation, 2 absences (2x90 min.) tolerated. Tests (6th/7th week, 12th/13th week), no retake. Minipresentation. Students must obtain 60% in continuous assessment to be eligible for the final exam registration. Exam - final exam test Final evaluation = continuous assessment results - 50% , final exam test result - 50%. Grading scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.	
Learning outcomes: The development of listening and speaking skills and of the students' communicative competence focusing on the professional terminology and communication, dentist-patient communication etc., level B2 according to CERF.	
Brief outline of the course: Dentist-patient/dentist-dentist communication focused on the following areas: Dental radiology and radiography. Xerostomia and halitosis. Toothwear: erosion, abrasion, attrition. Dental caries. Preventive dentistry. Fluoridation and ozone therapy. Toothache and analgesia. Anaesthesia in dentistry. Restorative materials: amalgam, composites. Selected aspects of functional grammar (argumenting, classifying, expressing cause/effect, opinion, similarity/difference).	
Recommended literature: Kinga Studzinska-Pasieka, Marcin Otto: Open Your English Wider! English for dental professionals. Bestom DENTOnet.pl SP. z o.o., 2011. Tatjana Dostálová, Michaela Seydlová: Dentistry and Oral Diseases for Medical Students. Grada Publishing, 2010. http://www.bbc.co.uk/worldservice/learningenglish	

Course language: English language, level B2 according to CEFR.					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 11.03.2022					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/LFKZAZ2/16	Course name: English Language Communication Skills for Dental Practice 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 6., 8.	
Course level: I.II.	
Prerequisites: CJP/LFKZAZ1/16	
Conditions for course completion: Active participation (2x90 min. absences tolerated). Tests (6th/76th week, 12th/13th week), no retake. Minipresentation. Students must obtain 60% in continuous assessment to be eligible for the final exam registration. Exam - final exam test Final evaluation = continuous assessment results - 50% , final exam test result - 50%. Grading scale: A 93-100 % , B 85-92 % , C 77-84 % , D 69-76 % , E 60-68 % , FX 59% and less. VARIANT A	
Learning outcomes: The development of listening and speaking skills and of the students' communicative competence focusing on the professional terminology and communication, dentist-patient communication etc., level B2 according to CERF.	
Brief outline of the course: Dentist-patient/dentist-dentist communication focused on the following areas: Cosmetic dentistry. Periodonal diseases. Endodontics. Dental trauma. Extractions. Orthodontics. Prosthodontics - indirect restorations. Forensic odontology. Gingival fibromatosis - a case report. Ethical and legal responsibilities of the dentist. Selected aspects of functional grammar (expressing opinion, function, advice, recommendation, instruction).	
Recommended literature: Kinga Studzinska-Pasieka, Marcin Otto: Open Your English Wider! English for dental professionals. Bestom DENTOnet.pl SP. z o.o., 2011.	

Tatjana Dostálová, Michaela Seydlová: Dentistry and Oral Diseases for Medical Students. Grada Publishing, 2010.					
Course language: English language, level B2 according to the CEFR.					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 11.03.2022					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/ LFAJZ/09	Course name: English Language for Dental Medicine
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Active participation (2x90 min. absences tolerated) 2 tests (6th/7th week, 12th/13th week), no retake. Oral presentation (pass/fail evaluation). Students must obtain 60% in continuous assessment to be eligible for the final exam registration. Exam - final exam test Final evaluation = continuous assessment results - 50% , final exam test result - 50%. Grading scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.	
Learning outcomes: The development of students' language skills - reading, listening, speaking, improvement of their linguistic competence - students acquire knowledge of selected phonological, lexical and syntactic aspects, development of pragmatic competence - students acquire skills for effective and purposeful communication, with focus on Academic English and English for specific/professional purposes - Dental Medicine, level B2.	
Brief outline of the course: P.J.Šafárik University. History of dentistry. Dental specialties. Anatomy of the oral cavity, human dentition, dentition types, anomalies. Toothache. Caries and dental disease. Gum disease. Dental practice - dental unit, equipment, instruments. Oral hygiene. Selected aspects of functional grammar - defining, classifying, expressing opinion, expressing function/role. Presentation skills - sign-posting language, structure of presentation, discussion participation, etc.	
Recommended literature: Glendinning, E. H., Howard, R. : Professional English in Use – Medicine, CUP, 2007. Studzińska-Pasieka, K., Otto, M.: Open your English wider. English for dental professionals. Bestom DENTOnet.pl, Poland, 2011. Dostálová, T., Seydlová, M.: Dentistry and Oral Disease for Medical Students. Grada Publishing, a.s., 2010.	

http://www.bbc.co.uk/worldservice/learningenglish					
Course language: English language level B2 according to CEFR					
Notes:					
Course assessment Total number of assessed students: 610					
A	B	C	D	E	FX
29.67	21.15	18.69	13.61	12.79	4.1
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 06.09.2024					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: 1. KAIM/PP-ZL/15		Course name: First Aid				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 1 Per study period: 0 / 14 Course method: present						
Number of ECTS credits: 1						
Recommended semester/trimester of the course: 3.						
Course level: I.II.						
Prerequisites:						
Conditions for course completion: 1. Completion of all exercises - 100% participation in practical exercises 2. Final test - minimum 60% pass rate						
Learning outcomes: Properly rehearse and perform basic emergency resuscitation. Familiarisation with the basics of first aid for mass casualties, bleeding, burns and sudden illness. To train students to be able to provide first aid to a casualty before the arrival of the emergency services.						
Brief outline of the course: Pre-medical first aid. First aid for unconsciousness, convulsions, respiratory disorders. Shock conditions. Stopping bleeding. Basic emergency resuscitation. Injuries in traffic accidents. Positioning and transport of the injured.						
Recommended literature: KELNAROVÁ, Jarmila: První pomoc I - Pro studenty zdravotnických oborů, 2013, ISBN 978-80-247-4199-4 KELNAROVÁ, Jarmila: První pomoc II - Pro studenty zdravotnických oborů, 2013, ISBN 978-80-247-4200-7						
Course language: Slovak language						
Notes:						
Course assessment Total number of assessed students: 719						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
47.98	11.4	21.84	11.82	4.45	2.5	0.0
Provides: MUDr. Judita Capková, PhD., MUDr. Vladimír Hudák, PhD., MUDr. Štefan Ivanecký, prof. MUDr. Radoslav Morochovič, PhD., MUDr. Adam Fabian, MUDr. Roman Kysel', MUDr. Miroslav Sučko, MUDr. Jana Šimonová, PhD., MPH						
Date of last modification: 23.03.2023						

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: USL/ SLMP-ZL/16	Course name: Forensic Medicine and Medical Law
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: UP/PA-ZL2/19 and UA/A-ZL2/15	
Conditions for course completion: Attendance on lectures and seminars to the specified extent, successful completion of a credit test and oral exam.	
Learning outcomes: The aim of the subject is to acquaint students with the role of Forensic Medicine, as one of the main branches of medicine. The students will learn how to identify and assess the effects of violence on the human body, determine the cause of death in cases of non-violent and violent death, as well as apply medical knowledge to questions of civil and criminal law. Emphasis is placed on the importance of forensic stomatology and on acquiring basic knowledge necessary to perform an examination of the dead body at the scene of death, as a knowledge required of every future doctor.	
Brief outline of the course: Introduction to forensic medicine. History of forensic medicine. Role and concept of forensic medicine in Slovakia. Health Care Surveillance Authority. Medico-Legal and Pathological-Anatomical Departments of HCSA. Forensic medicine and legal authorities. Expert activity in relation to Criminal Law. Act No. 576/2004 Coll. on health care – procedures to be followed in case of death. Act No. 581/2004 Coll. on health insurance companies, healthcare supervision – examination of the dead body, autopsy. Types of autopsies. Autopsy procedure. Collection of biological material during the autopsy. Imaging methods in forensic medicine. Neonatal autopsy. Medicolegal death investigation. Estimation of the time of death. Postmortem changes. Supravital and vital reactions. Manner of death. Identification of the living and the dead. Forensic dentistry. Identity of decomposed or skeletalised remains. Identification in mass disasters. Exhumation. Visit to the autopsy room – documentation required for the autopsy, autopsy diagnosis, autopsy report, examination of oral cavity. Natural (non-violent) death in adults. Natural (non-violent) death in children. Sudden infant death syndrome. Violent death in children. Child abuse and neglect. Killing of a newborn baby by the mother. Pregnancy and childbirth. Sexual offenses. Violent death. Mechanical injuries. Examination of wounds. Blunt and sharp force injuries. Regional injuries. Craniocerebral trauma. Firearm and blast injuries. Forensic investigation of traffic accidents. Suffocation. Mechanical asphyxia. Drowning. Thermal injuries. Electrical injuries. Diving accidents (barotrauma, decompression sickness). High altitude illness. Ionizing radiation injury and illness. Forensic toxicology. General aspects of poisoning. Types of poisons.	

Forensic diagnosis of poisoning. Methods in forensic toxicology. Gaseous poisons. Agrochemical poisons. Corrosive poisons. Heavy metals. Mushroom poisoning. Forensic toxicology. Alcohols. Medicolegal aspects of ethanol intoxication. Methanol poisoning. Ethylene glycol poisoning. Drugs of abuse and dependence. Forensic histopathology. Immunohistochemistry. Health care regulations. Status and role of a doctor in legal system of SR. Legal responsibility of the doctor. Medical errors. Iatrogenic damage. Expert activity in medical profession (Act No. 437/2004 Coll.). Forensic expert activity. Forensic medical examination of the living persons. Compensation for pain and deteriorated social and work capacity (Act No. 382/2004 Coll.).

Recommended literature:

LONGAUER, F., BOBROV, N. a IANNACCONE, S. Súdne lekárstvo pre študentov práva. Košice: UPJŠ v Košiciach, 2002.
 KOVÁČ, P. a kol. Súdne lekárstvo pre právnikov. Bratislava: Iura Edition, 2005.
 KOLEKTÍV AUTOROV. Soudní lékařství. Praha: Grada Publishing, a. s., 1999.
 ŠTEFAN, J., HLADÍK, J. a kol. Soudní lékařství a jeho moderní trendy. Praha: Grada Publishing a. s., 2012.
 HIRT, M., VOREL, F. a kol. Soudní lékařství I. díl. Praha: Grada Publishing, a. s., 2015.
 HIRT, M., VOREL, F. a kol. Soudní lékařství II. díl. Praha: Grada Publishing, a. s., 2016.
 KRAJČOVIČ, J. Vybrané medicínsko-právne kapitoly v súdnom lekárstve. Bratislava: Univerzita Komenského v Bratislave, 2012.

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 791

A	B	C	D	E	FX
88.37	10.24	1.01	0.13	0.0	0.25

Provides: doc. MUDr. Silvia Farkašová Iannaccone, PhD., MUDr. Ingrid Nerantzakis, MUDr. Dorota Sopková, PhD., MBA, MUDr. Viktória Briškárová, MUDr. Michaela Pristášová

Date of last modification: 20.07.2021

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: Dek. LF UPJŠ/ZV/24		Course name: Foundations of Mindfulness				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present						
Number of ECTS credits: 2						
Recommended semester/trimester of the course: 1., 3., 5., 7., 9., 11.						
Course level: I., I.II.						
Prerequisites:						
Conditions for course completion:						
Learning outcomes:						
Brief outline of the course:						
Recommended literature:						
Course language:						
Notes:						
Course assessment Total number of assessed students: 20						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	70.0	0.0	0.0	0.0	0.0	30.0
Provides:						
Date of last modification: 09.04.2024						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KGER/ LFNJZ/09	Course name: German Language for Dental Medicine
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Active participation in class and completed homework assignments. Students are allowed to miss 2 classes at the most (2x90 min.). 2 control tests during the semester, written assignments and academic presentation (PPP). Final grade will be calculated as follows: A 93-100 %, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64 % and less.	
Learning outcomes: The development of students' language skills - reading, writing, listening, speaking, improvement of their linguistic competence - students acquire knowledge of selected phonological, lexical and syntactic aspects, development of pragmatic competence - students can effectively use the language for a given purpose, with focus on Academic German and German for specific/professional purposes - Dental Medicine, level B1.	
Brief outline of the course: The terminology and phraseology of medicine and nursing. Grammar and communication skills: oral expression and listening: communication techniques, tools and methods of communication, methods for solving the conflicts in communication, reading with comprehension - textbook and authentic texts. Medical dictionaries. Signs of German technical texts. Medicine in the media.	
Recommended literature: Györfy, Mária: Deutsch für Mediziner: Eine praktische Hilfe für Ärzte, Zahnärzte, Medizinstudenten und Krankenschwestern im Umgang mit deutschsprachigen Patienten. Passau: Schenk, 2007. Atlas der Anatomie. Langenscheidt 2000. Dreyer/Schmitt: Lehr-und Übungsbuch der deutschen Grammatik. Neubearbeitung. Hueber Verlag 2008. Caspar: Medizinische Terminologie. Lehrund Arbeitsbuch. Thieme Verlag 2007 Deutsch im Krankenhaus. Lehr- und Arbeitsbuch. Langenscheidt. 1994 Kommunikation in sozialen und medizinischen Berufen. Fraus 2003	
Course language: German	
Notes:	

Course assessment					
Total number of assessed students: 31					
A	B	C	D	E	FX
80.65	16.13	3.23	0.0	0.0	0.0
Provides: Mgr. Ulrika Strömplová, PhD.					
Date of last modification: 12.07.2022					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/GS-ZL/22	Course name: Geronto-dentistry
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 11s / 22s Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites: SK/P-ZL2/22 and SK/MFCH-ZL1/22 and SK/PrZL-ZL5/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: The graduate acquires knowledge of the diagnosis, prevention and therapy of dental diseases of geront patients.	
Brief outline of the course: Human aging. Physiological somatic and psychological changes during aging. Age-related changes in the area of the orofacial system. Polymorbidity and medication of elderly patients. Dental examination of elderly patients and plan treatment. Dental caries and disorders of the hard dental tissues of the elderly. Cement damage. Endodontics in the elderly. Xerostomia and salivation disorders in the elderly. Prosthetic treatment of elderly individuals. Peculiarities of fixed and removable prosthetics. Increasing bite. Pre-prosthetic surgical therapy of elderly individuals. Periodontal disease in old age. Stomatological surgery in elderly patients. The issue of health compromised patients. Dental implantology in elderly people.	
Recommended literature: Mária Ondriášová · Vydavateľstvo: Herba, 2013 Štefan Krajčík · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2005 Geriatrie a gerontologie E-KNIHA CZ HEGYI, L. - KRAJČÍK, Š. 2010. Geriatria. 1.vyd. Bratislava: Herba, 2010, 608 s. ISBN 978-80-89171-73-6.	

KALVACH, Z. - ZADÁK, Z. - JIRÁK, R. - ZAVÁZALOVÁ, H. - SUCHARDA, P. a kol. 2004. Geriatrie a gerontologie. Praha: Grada Publishing, 2004, 864 s. ISBN 80- 247-0548-6.

KALVACH, Z. - ZADÁK, Z. - JIRÁK, R. - ZAVÁZALOVÁ, H.- HOLMEROVÁ, I., WEBER, P. a kol. 2008. Geriatrické syndromy a geriatrický pacient. Praha: Grada Publishing, 2008, 336 s. ISBN 978-80-247-2490-4.

KRAJČÍK, Š. 2000. Geriatria. Trnava: Trnavská univerzita, 2000, 82 s. ISBN 80- 88908.

KRAJČÍK, Š. 2008. Princípy diagnostiky a terapie v geriatrii. Bratislava: Charis, 2008, 192 s. ISBN 978-80-88743-72-9.

MATĚJOVSKÁ KUBEŠOVÁ, H. et al. 2009, Akutní stavy v geriatrii. Praha: Galén, 2009, 233

Geriatric a gerontology E-KNIHA CZ

Professional, scientific and domestic foreign magazines and books.

Course language:

english

Notes:

Course assessment

Total number of assessed students: 386

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
11.92	75.91	9.07	3.11	0.0	0.0	0.0

Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Milan Bereš, PhD., MPH, MUDr. Adriána Petrášová, PhD., MUDr. Andrej Jenča, PhD., MBA, doc. MUDr. Silvia Timková, PhD., MHA, MDDr. René Koudelka, MDDr. Adriána Mičková, MDDr. Vladislava Šaková, MUDr. Jarmila Chrenková, PhD., MDDr. Natália Sokolová, MUDr. Peter Kizek, PhD., MHA, MPH, MDDr. Marcel Riznič, PhD., MDDr. Jozef Jendruch, MUDr. Margaréta Tamášová, PhD., MUDr. Marcela Šestáková, PhD., MUDr. Eva Janitorová, PhD., MDDr. Katarína Tomová

Date of last modification: 20.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: G-PK/ G-ZL/15		Course name: Gynaecology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 7.					
Course level: I.II.					
Prerequisites: ChK/CH-ZL2/15					
Conditions for course completion: 100 % presences on lectures, minimum 60 % point in exam test (mark E)					
Learning outcomes:					
Brief outline of the course: Basic assessment in Gynecology and Obstetrics, Normal and high risk pregnancy, Normal and patholgical labour, Mestrual disorders, Inflammatory disease in Gynecology and Obstetrics, Benign and malignant tumours , infertility, urogynecology, breast disease. Gynecolgical disorders and their impact on oral cavity.					
Recommended literature: Čech E., et al., Porodnictví, 1999 Citterbart, K., et al.,Gynekologie, 2001 Martius G., et al., Gynekológia a pôrodníctvo, 1997 Gabbe S. G., et al., Obstetrics, 1996 Novak´s and Berek J., et al., Gynaecology, 1996 Ostró A. a Feyereisl J., Peripartální hemoragie, 2013					
Course language: slovak language					
Notes:					
Course assessment Total number of assessed students: 447					
A	B	C	D	E	FX
24.38	42.51	22.15	9.4	1.57	0.0
Provides: doc. MUDr. Rastislav Dudič, PhD., MHA, MUDr. Viera Dudičová, PhD., MUDr. Andrea Grendelová, PhD., prof. MUDr. Peter Urdzík, PhD., MPH, MUDr. Barbora Baranovičová, MUDr. Gabriel Lipčei, MUDr. Alena Nagyová, PhD., MUDr. Lule Tomiq, MUDr. Dávid Tóth					
Date of last modification: 23.03.2023					

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UHE/ HE-ZL1/24	Course name: Histology and Embryology 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Requirements for completion of subject 1. Student has to attend all practical lessons (100%). 2. Limits to pass the subject Histology and Embryology 1: control tests during practical classes – average minimum 60% semestral slide test – minimum 60% of each slide semestral written test – minimum 60% If these conditions are not completed the student is evaluated - FX https://www.upjs.sk/app/uploads/sites/9/2024/09/DM-HE1-requirements.pdf	
Learning outcomes: The student gains knowledge about the microscopic structure and function of the cells and tissues within living human organism. This serves as the base for studying pathology and pathophysiology. Cells and tissues are studied practically by the light microscope. Embryology I. is concerned with basic principles of early human development.	
Brief outline of the course: Histologic technic; Cytology; Epithelial tissue; Connective tissue proper; Cartilage; Bone; Ossification; Blood - hemopoiesis and bone marrow; Muscle tissue; Nervous tissue; Embryology - blastogenesis and early organogenesis. https://www.upjs.sk/app/uploads/sites/9/2024/09/DM-HE-1-Curriculum.pdf	
Recommended literature: Literatúra: Povinná literatúra: 1. Mechírová E. a kol.: Cytológia a všeobecná histológia, Elektronická učebnica pre medikov (2010) https://portal.lf.upjs.sk/ 2. Domoráková I. a kol.: Mikroskopická anatómia pre odbor zubného lekárstva (2018) 3. Domoráková I. a kol.: Vybrané kapitoly z histológie pre odbor zubného lekárstva - Učebnica a mikroskopický atlas, 2019), https://portal.lf.upjs.sk/ 4. Mechírová E. a kol.: Histológia, 2008 5. Kapeller K. a Pospíšilová V.: Embryológia človeka (2001)	

6. Domoráková a kol. Základy histológie I - Učebnica a mikroskopický atlas buniek a tkanív, elektronická učebnica, DOI: <https://doi.org/10.33542/ZH1-0226-8>

Odporúčaná literatúra:

1. Ovalle P.C., Nahirney W.K.: Netter's Essential Histology (2013)

2. Vajner L. a kol.: Lékařská histologie I. - Cytologie a obecná histologie, 2018

https://www.upjs.sk/app/uploads/sites/9/2023/09/SJ_HE1_Povinna_liter-ZL.pdf

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 792

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.52	8.33	14.14	11.36	9.22	4.42	1.01

Provides: doc. MVDr. Štefan Tóth, PhD., MVDr. Zuzana Fagová, PhD., MVDr. Viera Eliášová, RNDr. Kristína Čurgali, PhD., MVDr. Katarína Hajovská, PhD., MVDr. Monika Holodová, PhD., MUDr. Alexandra Kunová, RNDr. Henrieta Abdi

Date of last modification: 12.09.2024

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UHE/ HE-ZL2/24	Course name: Histology and Embryology 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 2.	
Course level: I.II.	
Prerequisites: UHE/HE-ZL1/24	
Conditions for course completion: Requirements of HE2 during semester: 1. Student has to attend all practical lessons (100%). 2. Control tests – average minimum 60% 3. Final slide test (three slides) in 14th week of semester - each slide minimally 60%. Final exam of HE2 consists of 2 parts: A. Final written test - minimum 60% to continue to the final oral exam. B. Final oral exam - three questions – evaluation for each minimally 60%: a) cytology and tissues b) microscopic anatomy c) embryology https://www.upjs.sk/app/uploads/sites/9/2025/01/ZL-HE2-podmienky-2024-25-1.pdf	
Learning outcomes: The student gains knowledge about the microscopic structure and function of the cells, tissues, organs and organ systems within living human organism. This serves as the base for studying pathology and pathophysiology. The microscopic structure of the organs are studied practically by the light microscope. Embryology II. is concerned with basic principles of early human development, organogenesis and malformations during prenatal development with main focus on head structures development.	
Brief outline of the course: Skin, cardiovascular system, lymphatic system, respiratory system, Oral cavity, digestive tube and salivary glands, microscopic structure of the tooth, function and development, male and female reproductive system, endocrine system, nervous system, sensory organs. Embryology - organogenesis. https://www.upjs.sk/app/uploads/sites/9/2025/01/ZL-HE2-Sylabus-2024-25-1.pdf	
Recommended literature: Povinná literatúra: 1. Mechírová E. a kol.: Cytológia a všeobecná histológia, Elektronická učebnica pre medikov (2010) https://portal.lf.upjs.sk/	

2. Pomfy M. a kol.: Mikroskopická anatómia, Elektronická učebnica pre medikov (2009) https://portal.lf.upjs.sk/ 3. Domoráková a kol.: Mikroskopická anatómia pre odbor zubného lekárstva (2018) 4. Domoráková a kol.: Vybrané kapitoly z histológie pre odbor zubného lekárstva - Učebnica a mikroskopický atlas, (2019), https://portal.lf.upjs.sk 5. Kapeller K. a Pospíšilová V.: Embryológia človeka (2001) 6. Mechírová E. a kol.: Histológia, 2008 7. Domoráková a kol.: ZÁKLADY HISTOLÓGIE I – Učebnica a mikroskopický atlas buniek a tkanív, elektronická učebnica, https://doi.org/10.33542/ZH1-0226-8 8. Domoráková a kol.: ZÁKLADY HISTOLÓGIE II – Učebnica a atlas mikroskopickej anatómie orgánov, elektronická učebnica, https://zenodo.org/records/10678129 Odporúčaná literatúra: 1. Základy histológie (Junqueira a kol., 2016) 2. Netter's Essential Histology (Ovale P.C., Nahirney W.K., 2013) https://www.upjs.sk/app/uploads/sites/9/2024/02/SJ_HE2_Povinna_liter-ZL2024.pdf					
Course language:					
Notes:					
Course assessment Total number of assessed students: 883					
A	B	C	D	E	FX
16.42	18.12	19.82	18.46	14.95	12.23
Provides: doc. MVDr. Štefan Tóth, PhD., MVDr. Zuzana Fagová, PhD., RNDr. Henrieta Abdi, MVDr. Viera Eliášová, RNDr. Kristína Čurgali, PhD., MUDr. Alexandra Kunová, prof. MUDr. Eva Mechírová, CSc.					
Date of last modification: 07.02.2025					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UVZH/ HE-ZL/15	Course name: Hygiene and Epidemiology
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: ULM/M-ZL2/15	
Conditions for course completion: Active participation in lectures and seminars. Exam - written test.	
Learning outcomes: The student will acquire basic knowledge about the occurrence and spread of infectious and non-infectious diseases in the population, about the fundamental factors influencing their emergence, about preventive and repressive measures against their spread, and about improving the health status of the population. He will also acquire basic knowledge about risk factors in the dentist's office, and the effects of healthy nutrition on the oral health of the population and the individual.	
Brief outline of the course: Introduction to hygiene and epidemiology, basic concepts with a focus on diseases in the orofacial area. Environmental hygiene. The hygienic-epidemiological regime in the dentist's office. Personal and hygienic security of dental clinics. Food hygiene. The importance of nutrition in dental practice. Manifestations of nutritional deficiencies in the oral cavity. Prevention of tooth decay. Rational nutrition, alternative ways of eating. Work hygiene. Categorization of works. Professional risks in the dental clinic. The influence of physical, chemical, biological, and psychosocial factors in the work of a dentist. Obligatory and optional occupational disease. Work-related disease. Preventive measures – technical, organizational. Hygiene of children and adolescents. Methods of assessing the growth and development of children, dental age, and factors affecting the growth and development of the child's organism with a focus on the development of teeth and oral health in individual periods of child growth. Preventive and interventional health promotion programs in dentistry. The issue of water in dental workplaces. Water fluoridation. Epidemiological classification of diseases. Methods of epidemiology. Sources of infection. Carrier of pathogenic microorganisms. Transmission mechanism, phases, forms. The outbreak of infection. Epidemiological process. Preventive and repressive anti-epidemic measures. Surveillance. Safety measures when working with biological material. Epidemiology of nosocomial infections. Decontamination. Sterilization. Disinfection. Epidemiology of oncological diseases of the oral cavity and oropharynx. Registers of oncological diseases.	
Recommended literature: Ševčíková, Ľ. a kol. Hygiena. Bratislava: UK, 2006.328 s. ISBN 80-223-2103-6.	

Holéczyová, G., Čipáková, A., Dietzová, Z. Hygiena životného prostredia. Košice, 2011, 202s. ISBN 978-80-7097-892-4.

Rimárová K.: Vybrané kapitoly z hygieny - environmentálnej medicíny. Košice, Elfa 2008. 251 s. ISBN 9788080860905.

Diabelková, J. Stručný online prehľad základných pojmov a skratiek v Hygiene a vo Verejnom zdravotníctve: [elektronický zdroj]. Vysokoškolský učebný text. 1. vyd. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2020. 172 s. Dostupné na: <https://unibook.upjs.sk/img/cms/2020/lf/strucny-online-prehľad-skratiek.pdf>. ISBN 9788081529436.

Bakoss P. a kol.: Epidemiológia. Bratislava. 2014. 520 s.

Bazovská S. a kol.: Špeciálna epidemiológia. Bratislava. 2017, 337 s.

Čisláková L. a kol.: Epidemiológia vybraných nákaz. LF UPJŠ, Košice 2001, 263 s.

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 421

A	B	C	D	E	FX
24.23	36.1	32.3	6.89	0.48	0.0

Provides: prof. Mgr. MUDr. Erik Dorko, PhD., MPH, MBA, MUDr. Ingrid Babinská, PhD., MPH, Mgr. Jana Diabelková, PhD., MVDr. Veronika Bednárová, PhD., prof. MVDr. Monika Halánová, PhD., MVDr. Zlatana Sulínová, PhD., Mgr. Simona Miškárová, MVDr. Martina Hrubovčák Tejová

Date of last modification: 22.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: ULM/I-ZL/22		Course name: Immunology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 4.					
Course level: I.II.					
Prerequisites: ULBL/LHB-ZL2/15					
Conditions for course completion: test examination					
Learning outcomes: Overview of the structure, mechanisms and function of immune system.					
Brief outline of the course: Cells of immune system. Function of T and B lymphocytes. NK cells. Myeloid cells. Structure and function of lymphoid organs. Mucosal immune system. Major histocompatibility system. Antigens, immunoglobulins, cytokines, adhesive molecules. Regulation of immune response. Immunopathological reactions I, II, III, IV. Anticancer immunity. Autoimmunity. Immunodeficiency.					
Recommended literature: Stites, D.P.: Medical Immunology					
Course language:					
Notes:					
Course assessment Total number of assessed students: 773					
A	B	C	D	E	FX
39.33	14.75	21.99	10.61	7.89	5.43
Provides: doc. RNDr. Katarína Čurová, PhD., MVDr. Vladimír Hrabovský, PhD., RNDr. Marián Sabol, CSc., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., Ing. Viera Lovayová, PhD., Mgr. Mária Nagyová					
Date of last modification: 31.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KICM/I-ZL/17	Course name: Infectology
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: IK/IM-ZL2/15	
Conditions for course completion: CP - Conditions for passing the subject: Successful completion of practical lessons/seminars requires: - Mandatory 90% participation in practical lessons, theoretical and methodical mastery of practical tasks. - For serious reasons - after documentation - it is possible to excuse a maximum of 1 practical lesson - II. To successfully complete the subject and obtain credits, the following is necessary: - Successful completion of practical lessons/seminars. - Successful completion of the written examination at the end of the semester, obtaining at least 70% points. - Final exam: oral - The final assessment takes into account the results of the written and final exam.	
Learning outcomes: ER - Education results: By completing the subject, the student will gain knowledge about the causes of infectious diseases, the ways of their transmission, and acquire practical skills in how to diagnose individual infectious diseases, how to treat them, and how to prevent their spread.	
Brief outline of the course: CC - Course contents: Nature of infectious diseases, principles of diagnosis. Anti-infective therapy. Viral hepatitis. Respiratory infections, COVID-19. Neuroinfections. HIV/AIDS. Oral cavity infections. Differential diagnosis of febrile conditions. The risk of transmission of infectious diseases during dental procedures and their prevention. Correct use of PPE.	
Recommended literature: L - Recommended literature: Bálint O. a kol.: Infektológia a antiinfekčná terapia. 2.prepracované vydanie. Bratislava, Osveta 2007 Havlík, J. a spolupracovníci: Príručka infekčných a parazitárných nemocí, Avicenum. Praha 198 BÁLINT O. a kol.: Infektológia a antiinfekčná terapia. 2. vydanie. Osveta 2007, Martin. 587 s. ISBN: 8080632227. – dostupné v knižnici LF ROZSYPAL, Hanuš. Základy infekčného lékařství. 1. vydání. Praha : Karolinum, 2015. 566 s. ISBN 978-80-246-2932-2. – elektronická verzia dostupná v knižnici LF, cez ProQuest Ebook Central. https://ebookcentral.proquest.com/auth/lib/upjs-ebooks/login.action?returnURL=https%3A%2F%2Febookcentral.proquest.com%2Flib%2Fupjs-ebooks%2Fdetail.action%3FdocID	

%3D4395911%26query%3D Beneš Jiří a kol., Infekční lékařství. Vydavatel'stvo: Galén, Praha, 2009 <https://www.upjs.sk/public/media/22885/Navod.pdf>

Course language:

PJ - Language, the knowledge of which is necessary to pass the subject:
Slovak

Notes:

Course assessment

Total number of assessed students: 790

A	B	C	D	E	FX
61.65	21.27	10.38	2.91	3.67	0.13

Provides: prof. MUDr. Ivan Schréter, CSc., Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD., prof. MUDr. Pavol Kristian, PhD., doc. MUDr. Zuzana Paraličová, PhD., MUDr. Martin Novotný, PhD., MUDr. Ivana Hockicková, PhD., MUDr. Patrícia Denisa Lenártová, PhD., MUDr. Štefan Porubčin, PhD., MUDr. Ondrej Zahornacký, PhD.

Date of last modification: 20.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-SS-ZL/15	Course name: Internal Medicine
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 9., 10..	
Course level: I.II.	
Prerequisites: IK/IM-ZL5/15	
Conditions for course completion: Obtaining the minimum number of credits for compulsory and compulsory optional subjects in the composition prescribed by the study plan.	
Learning outcomes: By verifying the knowledge of the subject of internal medicine, the graduate acquires knowledge in accordance with the profile of a graduate of dentistry.	
Brief outline of the course: Changes in the oral cavity by internal diseases. Diseases of the esophagus, stomach and duodenum, small intestine, colon, liver, gall bladder and pancreas. Chronic obstructive pulmonary disease and bronchial asthma. Inflammatory lung diseases and lung cancer. Tuberculosis. Ischemic heart disease. Arterial hypertension. Heart failure. Inflammatory heart disease. Thrombembolic disease. Glomerulonephritis, tubulointerstitial nephritis, renal failure. Anemia, leukemia, myeloproliferative and lymphoproliferative disorders, thrombocytopenia and coagulopathy, thrombocytopathy. Rheumatoid arthritis, systemic lupus erythematosus and other connective tissue disease. Diseases of the hypothalamus and pituitary gland. Thyroid diseases, hypercalcemic syndrome. Diseases of the adrenal glands. Diabetes mellitus, acute and chronic complications. Emergency in internal medicine. Shock.	
Recommended literature: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Češka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Ďuriš I., Hulín I., Bernadič M. et al Princípy internej medicíny, 2001, vydavateľstvo SAP 2001 Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL.,Jameson JL. et al.: Harrison´s principles of Internal Medicine, 17th edition, 2008, The McGraw-Hill Companies, Inc. 2008 Macejová Ž., Aljubouri A : Selected rheumatology topics for medical students, Academic text book 2019 Joppa P. a kol.: Vybrané kapitoly z pneumológie a ftizeologie https://unibook.upjs.sk/sk/lekarska-fakulta/970-vybrane-kapitoly-z-pneumologie-a-ftizeologie	

Course language: slovak					
Notes:					
Course assessment Total number of assessed students: 789					
A	B	C	D	E	FX
21.29	28.39	24.71	14.32	10.9	0.38
Provides:					
Date of last modification: 30.10.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-ZL1/16	Course name: Internal Medicine 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 5.	
Course level: I.II.	
Prerequisites: UFZ/LF-ZL2/15	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises	
Learning outcomes: Graduate acquires basic knowledges and skills needed in general medicine. Complete detailed history, physical examination of the patient and laboratory examination methods. Diagnosis and control the basic symptoms of individual diagnoses.	
Brief outline of the course: History taking. Main clinical features of internal diseases. Inspection. Head and neck investigation Percussion – chest /lungs, heart, abdomen. Auscultation of the heart and lungs. Palpation of the abdomen and chest .Blood pressure measurement. Pulse-quality of the pulse. Peripheral vessel investigation .The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature: Lazúrová, Valočiková a kol. : Interná propedeutika, Vydavateľstvo OSVETA 2014 Hrušovský a kol. : Internistická propedeutika, HERBA 2012 Chrobák L., a kol.: Propedeutika vnútorného lékařství. Grada Avicenum 1997 Marek : Propedeutika internej medicíny Takáč M., a kol Propedeutika vnútorného lékařstva. Osveta, 1988 Mitro, P.: Základy elektrokardiografie, UPJŠ 2003	
Course language: slovak	
Notes:	

The subject Internal Medicine 1 is provided only in the winter term.						
Course assessment						
Total number of assessed students: 796						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.4	32.54	8.42	3.64	0.5	0.25	0.25
Provides: doc. MUDr. Marian Sninčák, PhD., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Peter Mitro, DrSc., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Ľubomír Legáth, PhD., doc. MUDr. Jozef Gonsorčík, CSc., MUDr. Marek Varga, PhD., doc. MUDr. Pavol Joppa, PhD., MUDr. Stanislav Juhás, CSc., MUDr. Zora Lazúrová, PhD., MUDr. Jarmila Tomčová, MUDr. Mikuláš Huňavý, PhD., MUDr. Samuel Štellmach, doc. MUDr. Slavomír Perečinský, PhD., MUDr. Kristína Polovková, MUDr. Samuel Šikra						
Date of last modification: 14.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-ZL2/15	Course name: Internal Medicine 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 6.	
Course level: I.II.	
Prerequisites: IK/IM-ZL1/16	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises	
Learning outcomes: Graduate acquires basic information on investigative methodologies ECG - ECG normal curve, changes in the width and interval of each wave with pathological findings. Students learn skills in the field of musculoskeletal diseases, laboratory diagnostics, hematology and fundamentals of toxicology.	
Brief outline of the course: Principles of clinical electrocardiography, normal ECG, ECG in coronary heart disease pulmonary embolism, electrolyte disturbances etc. X- ray in internal medicine. Chest X- ray. Examination of the musculoskeletal system. Main symptoms of the skeletal disease. Main laboratory investigation in internal medicine /hematological and biochemical investigation/. Mitral stenosis, mitral regurgitation. Aortic stenosis, aortic regurgitation. Most common poisonings. Main clinical symptoms and signs. The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website	
Recommended literature: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Češka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Mitro P., Valočík G : Vyšetrovacie metódy v kardiológii, EQUILIBRIA 2009 Sninčák : Artériová hypertenzia v staršom veku Joppa P. a kol.: Vybrané kapitoly z pneumológie a ftizeologie https://unibook.upjs.sk/sk/lekarska-fakulta/970-vybrane-kapitoly-z-pneumologiea-ftizeologie	

Mitro, P.: Základy elektrokardiografie, UPJŠ 2003						
Course language: slovak						
Notes: The course Internal Medicine 2 is provided only in the summer term.						
Course assessment Total number of assessed students: 751						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
57.26	30.63	6.79	3.33	1.2	0.8	0.0
Provides: doc. MUDr. Viola Vargová, PhD., prof. MUDr. Želmíra Macejová, PhD., MPH, doc. MUDr. Jozef Gonsorčík, CSc., prof. MUDr. Ľubomír Legáth, PhD., MUDr. Jarmila Tomčová, MUDr. Tomáš Guman, PhD., MBA, doc. MUDr. Pavol Joppa, PhD., doc. MUDr. Slavomír Perečinský, PhD., MUDr. Ivana Gotthardová, PhD., MUDr. Lenka Rušinová, MUDr. Anna Ťurgeová, PhD., MUDr. Jana Deptová, PhD., MUDr. Andrea Kužmová						
Date of last modification: 13.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-ZL3/15	Course name: Internal Medicine 3
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: IK/IM-ZL2/15	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises	
Learning outcomes: Graduate acquires basic theoretical knowledge of cardiology, pneumology, diabetology and angiology. It has the opportunity to become familiar with the investigation and therapeutic procedures used in these diseases.	
Brief outline of the course: Heart failure, Arrhythmias, Coronary heart disease - clinical symptomatology - diagnosis and treatment (including acute myocardial infarction), Tromboembolic disease - Acute and chronic pulmonary heart disease, Chronic obstructive pulmonary disease - Bronchial asthma - Tumors of the lung pneumonias, Diabetes mellitus 1. and 2. type - treatment - main acute and chronic complications of DM, Diseases of the peripheral veins The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Česka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Ďuriš I., Hulín I., Bernadič M. et al Princípy internej medicíny, 2001, vydavateľstvo SAP 2001 Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL.,Jameson JL. et al.: Harrison´s principles of Internal Medicine, 17th edition, 2008, The McGraw-Hill Companies, Inc. 2008	

Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER, 2020 2. Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed, 2017						
Course language: slovak language						
Notes: The course Internal Medicine 3 is provided only in the winter term.						
Course assessment Total number of assessed students: 790						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.81	26.96	8.99	6.96	1.77	0.38	0.13
Provides: prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Jozef Pella, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Pavol Joppa, PhD., MUDr. Alojz Rajnič, PhD., doc. MUDr. Mária Rašiová, PhD., MUDr. Ivana Paraničová, PhD., MUDr. Barbora Bačkorová, MUDr. Martin Tomáš, MUDr. Anna Ťurgeová, PhD., MUDr. Samuel Štellmach						
Date of last modification: 14.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-ZL4/15	Course name: Internal Medicine 4
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: IK/IM-ZL3/15	
Conditions for course completion: I. The following are required for successful completion of the practical exercises/seminars: - 100% participation in practical exercises, theoretical and practical performance of all exercises - Obtaining at least 60 % of the total score in the form of a test and theoretical preparation for the practical exercises/seminars. - 2 excused absences allowed II. The following are required for successful completion of the course and to receive credits: - Successful completion of the practical exercises/seminars, with the possibility of practical exercises in the Simulator Training Centre - Control tests are evaluated on the basis of the number of points achieved (%) with evaluation according to the Study Regulations of the UPJŠ in Košice, Faculty of Medicine Part II, Article 13, paragraph 4 - The final evaluation takes into account the results of the interimediate evaluation	
Learning outcomes: After completing the course the graduate acquires basic knowledge of gastroenterology, endocrinology, nephrology and become familiar with the investigation and treatments.	
Brief outline of the course: Examination of the oral cavity. Main changes in internal diseases. Disease of the esophagus, stomach and duodenum. Diseases of the liver, gallbladder and pancreas and possible dental manifestations. Inflammatory and tumor diseases of small and large bowel. Diseases of the thyroid gland and parathyroid glands with subjective and objective dental manifestations. Glomerulonephritis. Tubulointerstitial nephritis. Acute renal failure Chronic renal insufficiency. Kidney transplantation. The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Češka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Ďuriš I., Hulín I., Bernadič M. et al Princípy internej medicíny, 2001, vydavateľstvo SAP 2001 Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL., Jameson JL. et al.: Harrison's principles of Internal Medicine, 17th edition, 2008, The McGraw-Hill Companies, Inc. 2008	

Course language: slovak						
Notes: The course Internal Medicine 4 is provided only in the summer term.						
Course assessment Total number of assessed students: 747						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
56.49	28.25	8.3	3.75	2.14	1.07	0.0
Provides: prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Ivana Valočiková, PhD., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, doc. MUDr. Ingrid Dravecká, PhD., MUDr. Anna Ťurgeová, PhD., MUDr. Alena Yaluri, PhD., MUDr. Barbora Bačkorová, doc. MUDr. Miriam Kozárová, PhD., MPH, MUDr. Samuel Štellmach, MUDr. Katarína Tokarčíková, PhD., MUDr. Zuzana Diničová, MUDr. Samuel Šikra						
Date of last modification: 15.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-ZL5/15	Course name: Internal Medicine 5
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: IK/IM-ZL4/15	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test /30 questions/ and the theoretical training to practical exercises. 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises - To the state exam bring the student's book with the appreciation	
Learning outcomes: Graduate acquires knowledge from hematology, rheumatology, disorders of the acid-base balance and the so-called. "Varia" (the differential diagnosis of acute conditions in internal medicine, basic immunosuppressive therapy).	
Brief outline of the course: Acute cardiology. Shock and syncope. Fever and subfebrility. Focal infection and sepsis. Disorders of the electrolyte metabolism. Treatment with glucocorticoids. Acute states in endocrinology. Anemias, Leukemia, Myeloproliferative and lymphoproliferative diseases. Platelet disorders. Hemophilia and other coagulation disorders. Rheumatoid arthritis. Systemic lupus erythematosus and other connective tissue diseases. Chest pain, differential diagnosis. Acute cardiology. Shock and syncope. Acute states in gastroenterology and hepatology. Gastrointestinal bleeding. Principles of using ATB, corticoid treatment, contraindications and other higher effects. Acute pneumology. The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Češka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Ďuriš I., Hulín I., Bernadič M. et al Princípy internej medicíny, 2001, vydavateľstvo SAP 2001	

<p>Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL., Jameson JL. et al.: Harrison's principles of Internal Medicine, 17th edition, 2008, The McGraw-Hill Companies, Inc. 2008</p> <p>Macejová Ž., Aljubouri A : Selected rheumatology topics for medical students, Academic text book 2019</p> <p>Joppa P. a kol.: Vybrané kapitoly z pneumológie a ftyziológie https://unibook.upjs.sk/sk/lekarska-fakulta/970-vybrane-kapitoly-z-pneumologie-a-ftyziologie</p>																				
<p>Course language: slovak</p>																				
<p>Notes: The subject Internal Medicine 5 is provided only in the winter term in block teaching.</p>																				
<p>Course assessment Total number of assessed students: 778</p> <table> <tr> <th>abs</th><th>abs-A</th><th>abs-B</th><th>abs-C</th><th>abs-D</th><th>abs-E</th><th>neabs</th></tr> <tr> <td>52.06</td><td>33.16</td><td>7.2</td><td>5.4</td><td>1.54</td><td>0.64</td><td>0.0</td></tr> </table>							abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs	52.06	33.16	7.2	5.4	1.54	0.64	0.0
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs														
52.06	33.16	7.2	5.4	1.54	0.64	0.0														
<p>Provides: doc. MUDr. Martin Janičko, PhD., prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Eduard Veseliny, PhD., doc. MUDr. Miriam Kozárová, PhD., MPH, prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Želmíra Macejová, PhD., MPH, prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Peter Mitro, DrSc., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Pavol Joppa, PhD., MUDr. Tomáš Guman, PhD., MBA, MUDr. Marek Felšóci, PhD., MUDr. Martin Ihnatko, PhD., MUDr. Ivana Gotthardová, PhD., MUDr. Alojz Rajnič, PhD., MUDr. Samuel Štellmach, MUDr. Barbora Bačkorová</p>																				
<p>Date of last modification: 02.11.2023</p>																				
<p>Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.</p>																				

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ MZP-ZL/22	Course name: Management of Dental Practice
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and proposal of a treatment plan 10 infiltration anesthesia 10 lead anesthesia 10 assistance during a surgical procedure supplementing the endodontic treatment of teeth 5 decapsulation - possibly assistance 5 equalization of the alveolar bone - or. assistance 2 intraoral incision - also assistance 5 suture of extraction wound 2 single-rooted tooth extractions 5 multi-rooted tooth extractions 5 description of x-ray images: 10	
Learning outcomes: Graduates of the course acquire comprehensive information about the establishment, operation and management of a dental clinic and dental practice. Understand the legislation, decrees and regulations related to the practice of the health profession. Become familiar with the organization of postgraduate and lifelong education and the activities of state and professional organizations.	
Brief outline of the course: Conditions for establishing a dental clinic and dental practice. Personnel, equipment and material equipment of the dental clinic. Management of dental practice. Ergonomics in the dental clinic. Three- and four-handed dentistry. Dental clinic hygiene. X-ray equipment and operation in dental practice. Postgraduate education, lifelong continuous education. State organization and professional societies.	

Legislative issues of dental practice, relations with insurance companies, laws, decrees and regulations in connection with the practice of the medical profession.						
Recommended literature: Current articles and contributions from professional dental periodicals, legislative regulations in connection with the implementation of dental practice. Angerer, Alfred, New Healthcare Management, 2021, MWV Medizinisch Wiss. Ver, 39465596 Amelung, Volker Eric, Healthcare Management, 2014, Springer, Berlin, 39465596						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 382						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
12.83	65.18	9.42	2.88	9.16	0.26	0.26
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Andrej Jenča, PhD., MBA						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: SK/MFCH-SS-ZL/18		Course name: Maxillofacial Surgery			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 11., 12..					
Course level: I.II.					
Prerequisites: SK/MFCH-ZL2/15 and SK/OPx-ZL3/22					
Conditions for course completion: Obtaining the minimum number of credits for compulsory and compulsory optional subjects in the composition prescribed by the study plan.					
Learning outcomes: The graduate verifies his professional practical and theoretical knowledge from the study of dentoalveolar and maxillofacial surgery in accordance with the completion of the study of dentistry.					
Brief outline of the course: Thematic areas for the subject of state exam. It includes a range of issues such as tooth extractions, surgical treatment of inflammatory conditions in the oral cavity, management of shock and complications in patient care, surgical methods for fractures of the maxillofacial skeleton, knowledge of cancer and their treatment options.					
Recommended literature:					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 751					
A	B	C	D	E	FX
42.88	31.96	15.58	4.93	4.26	0.4
Provides:					
Date of last modification: 16.01.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/MFCH-ZL1/22	Course name: Maxillofacial Surgery 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites: SK/DCH-ZL3/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and proposal of a treatment plan 10 infiltration anesthesia 10 block anesthesia 10 assistance during a surgical procedure supplementing the endodontic treatment of teeth 5 decapsulation - possibly assistance 5 equalization of the alveolar bone - or assistance 2 intraoral incision - also assistance 5 suture of extraction wound 2	
Learning outcomes: The graduate acquires theoretical knowledge and acquires basic practical experience in the field of diagnosis of tumors in the orofacial area, treatment and specifics of treating patients after surgical and oncological treatment of tumors in the orofacial area. It practically assists in surgical interventions.	
Brief outline of the course: Traumatology of the orofacial region: etiology of injuries, clinical signs of injuries, examination principles, first aid. Classification of individual types of fractures. Principles of treatment and complications of bone fracture healing. Orbital injuries. Soft tissue injuries. Gunshot and war injuries. Abrasions and burns. Polytraumas. Specifics of maxillofacial region injuries in children. Assessment activity in case of injuries.	

Recommended literature: Hirjak, D., a Machoň, V., · Vydavateľstvo: Slovensko, 2014 Traumatológia skeletu tváre Kluchová D. a kol.: Anatómia hlavy a krku, vyd. UPJŠ Košice, 2018 Hrušák, D.,: Stomatochirurgie. Current media, 2017 Zeman, M., Krška, Z., kolektív: Chirurgická propedeutika Grada, 2011 Mazánek. J., a kolektiv: Zubní lékařství Propedeutika 2014 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 414						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
17.39	51.93	22.22	6.52	1.93	0.0	0.0
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Marián Kysel', PhD., MDDr. René Koudelka, MUDr. Lívia Sladká, PhD., MHA, MDDr. Martina Semanová, MUDr. Peter Badanič, MUDr. Vladimíra Schwartzová, PhD., MPH, MDDr. Zuzana Kotuličová, MDDr. Karolína Kamila Glińska, MDDr. Branislav Borza, PhD., MDDr. Adela Dzurilová, MDDr. Filip Lukáč, MUDr. Andrej Jenča, PhD., MBA						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/MFCH-ZL2/15	Course name: Maxillofacial Surgery 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 22s / 134s Course method: present	
Number of ECTS credits: 8	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites: SK/MFCH-ZL1/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and proposal of a treatment plan.....10 Infiltration anesthesia....12 Lead anesthesia..... 12 Assistance during a surgical procedure supplementing the endodontic treatment of teeth... 5 Decapsulation - possibly assistance....5 Equalization of the alveolar bone - or. assistance..... 2 Intraoral incision - also assistance..... 5 Single-rooted tooth extractions... 8 Extraction of multi-rooted teeth..... 8 Suture of the extraction wound....3	
Learning outcomes: The graduate acquires basic theoretical knowledge and practical experience in the field of the etiology of injuries to the orofacial area, participates in their diagnosis, treatment and assessment of injuries to the orofacial area. Acquires knowledge of specific injuries of the maxillofacial region in children. Acquires knowledge about the management of high-risk patients and patients after radiotherapy and chemotherapy. Student practically participates in pre-prosthetic surgery - procedures on soft and hard tissues.	
Brief outline of the course:	

Anomalies of intermaxillary relations. Clefts. Non-inflammatory diseases of the temporomandibular joint, rehabilitation and physiotherapy. Systemic bone diseases with manifestations in the orofacial area. Sudden events in the dental office. Pain in the orofacial area. Function disorders n. facialis and other cranial nerves. Pre-prosthetic surgery. Rational antibiotic therapy of diseases in the orofacial area. Principles of differential diagnosis and biopsy. Cooperation with other departments. Assessment of work incapacity for diseases in the orofacial area. Professional ethics and ethical standards in relation to patients, staff and colleagues.						
Recommended literature: Dušan Hirjak a Vladimír Machoň · Traumatológia skeletu tváre, Vydavateľstvo: Slovensko, 2014 Mazánek. J., a kolektiv: Zubní lékařství Propedeutika 2014 Autor James R. Hupp, Myron R. Tucker, Ellis, Edward, III, DDS, MS, Contemporary Oral and Maxillofacial Surgery, 2018, ISBN: 9780323552219 Autor Gideon Schmidt, Oral and Maxillofacial Surgery, 2019, ISBN: 1632428199 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 718						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.3	39.42	7.24	3.9	0.0	0.0	0.14
Provides: MUDr. Marián Kyseľ, PhD., Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Milan Bereš, PhD., MPH, MDDr. Marcel Riznič, PhD., MUDr. Stanislav Andrejko, PhD., MUDr. Andrej Jenča, PhD., MBA, MUDr. Livia Sladká, PhD., MHA, MUDr. Igor Kopsa, MDDr. Martina Semanová, MDDr. René Koudelka, MDDr. Tomáš Klabník, MUDr. Peter Badanič, MUDr. Peter Kizek, PhD., MHA, MPH, MDDr. Jozef Jendruch, MDDr. Adela Dzurilová, MDDr. Filip Lukáč, MDDr. Rastislav Bobuľa						
Date of last modification: 22.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULCHBKB/LB-ZL1/16	Course name: Medical Biochemistry 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 2.	
Course level: I.II.	
Prerequisites: ULCHBKB/LCH-ZL/22	
Conditions for course completion: lectures, seminars, practical exercises, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Learning outcomes: In the medical study, medical biochemistry plays an irreplaceable role, which is to teach students to perceive life processes as events taking place at the molecular level. The graduate masters the course of biochemical processes, is able to distinguish pathological processes from physiological processes at the level of reactions taking place in the cell. It perceives biochemical reactions in the cell as part of metabolism and understand the regularities of metabolism regulation.	
Brief outline of the course: Enzymes and their role in metabolism (e.g. kinetics of enzymatic reactions, coenzymes – the structure and function). Intermediary metabolism – cell biochemistry (e.g. macroergic compounds, respiratory chain, the citric acid cycle, oxidation stress). Metabolism of saccharides (e.g. oxidative decarboxylation of pyruvate, glycolysis, gluconeogenesis, metabolism of glycogen). Degradation and synthesis of triacylglycerols and fatty acids. Metabolism of phospholipids, leukotrienes, cholesterol, lipoproteins. Disorders of metabolism saccharides and lipids. Genetic material and replication of DNA. Transcription and proteosynthesis, Regulation of gene expression. Oxidation stress. More details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Recommended literature: Mareková M. et al.: Medical Biochemistry – Lectures for Dental Medicine students, 2021 https://portal.lf.upjs.sk/articles.php?aid=39 Ferrier D.: Biochemistry, 7th edition (Lippincott Illustrated Reviews), 2021 Mašlanková J. et al.: Practical exercises from Medical Biochemistry for students of Dental Medicine https://portal.lf.upjs.sk/articles.php?aid=93 Mareková M. et al.: Seminars from medical biochemistry, 2013 Rodwell V. et al.: Harper's Illustrated Biochemistry, 31st edition, 2018	

Salway J. G.: Metabolism at a Glance, 2017						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 809						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
57.48	2.97	5.93	11.87	14.22	6.8	0.74
Provides: doc. RNDr. Marek Stupák, PhD., doc. Ing. Katarína Dubayová, PhD., prof. Ing. Mária Mareková, CSc., doc. Mgr. Peter Urban, PhD., doc. Ing. Beáta Hubková, PhD., RNDr. Ivana Špaková, PhD., RNDr. Jana Mašlanková, PhD.						
Date of last modification: 17.02.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULCHBKB/LB-ZL2/15	Course name: Medical Biochemistry 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 3.	
Course level: I.II.	
Prerequisites: ULCHBKB/LB-ZL1/16	
Conditions for course completion: lectures, seminars, practical exercises, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Learning outcomes: The graduate will understand the course of biochemical processes of physiological life processes as events taking place in individual organs and tissues of man. He can distinguish basic pathological processes from physiological processes, while he perceives biochemical processes in individual organs and tissues as a part of cellular metabolism. The graduate masters the laws of biochemical regulation of metabolism and learns the basics of clinical-biochemical diagnostics.	
Brief outline of the course: Metabolism of amino acids (e.g. ammonia formation and urea synthesis, biosynthesis of catecholamines). Metabolism of nucleotides. Intermediary metabolism relationships. Nucleic acids (e.g. replication, transcription, translation). Chemical communication in living systems (e.g. hormones). Biochemistry of blood. Pathobiochemical processes in cells. Metabolism of foreign compounds. Composition and chemistry of bones and teeth. Mineralization and demineralization of teeth. Metabolic specificity of teeth (e.g. dental plaque, calculus, caries). Saliva composition and its role. Biochemical processes in oral cavity. Introduction to clinical biochemistry. More details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Recommended literature: Mareková M.: Medical Biochemistry – Lectures for Dental Medicine students, 2021 https://portal.lf.upjs.sk/articles.php?aid=39 Mareková M. et al.: Seminars from medical biochemistry, 2013 Ferrier D.: Biochemistry, 7th edition (Lippincott Illustrated Reviews), 2017 Mašlanková J. et al.: Practical exercises from Medical Biochemistry for students of Dental Medicine https://portal.lf.upjs.sk/articles.php?aid=93 Rodwell V. et al.: Harper's Illustrated Biochemistry, 31st edition, 2018 Salway J.G.: Medical Biochemistry at a Glance (Wiley/Blackwell), 2012	

Course language: english					
Notes:					
Course assessment Total number of assessed students: 840					
A	B	C	D	E	FX
9.29	12.5	20.83	20.95	27.62	8.81
Provides: prof. Ing. Mária Mareková, CSc., doc. Ing. Katarína Dubayová, PhD., doc. RNDr. Marek Stupák, PhD., doc. Mgr. Peter Urban, PhD., doc. Ing. Beáta Hubková, PhD., RNDr. Jana Mašlanková, PhD., doc. RNDr. Beáta Čižmárová, PhD., doc. MUDr. Anna Birková, PhD., doc. RNDr. Vladimíra Tomečková, PhD., univerzitná profesorka					
Date of last modification: 01.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULBF/ LBF-ZL/24	Course name: Medical Biophysics
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Continuous study achievement is evaluated by the small tests at the practical exercise, study control test from the lecture topics and accepted correct report on the measurement. Duty attendance minimum 50% at lectures. Even when not participating on the lectures, the student is expected to master the lecture topics at the final exam. The gain at least 60 % from continuous study achievements allows the student to register for the final examination. The final exam takes place in a written form by the full time. To complete the exam successfully it is necessary to gain at least 60% of points.	
Learning outcomes: Graduates acquire knowledge in the field of the physical laws and mechanisms nature that control the processes within the human body. At the same time students get the knowledge in the area of influence of physical factors on the environment as well as the health of the organism.	
Brief outline of the course: Subatomic, atomic and molecular composition in the oral cavity. Physical properties of tissues of the human body The interaction between the particles creating the human body The interaction of the living matter with non ionizing as well as ionizing electromagnetic radiation, used in both - the therapy and diagnostics The sources of the own and mediated biosignals Concrete manifestations of the biophysical mechanisms on the level of subcellular structures, the cells, the tissues and organs of the human body Physical principles of diagnostic and therapeutic methods used in dentistry.	
Recommended literature: Vojtech MORNSTEIN a kol., lekárska fyzika a biofyzika, muni Press, Brno 2018 L. Navrátil, J. Rosina a kol., Medicínska biofyzika, Grada Publishing, Praha, 2005 I. Hrazdira, V. Mornstein, Lekárska biofyzika a prístrojová technika, Neptun, Brno 2001 Praktické cvičenia z lekárskej biofyziky, M. Legiň, G. Laputková, L. Vojčíková, Ľ. Müller, J. Sabo, Košice, 2010	
Course language:	

Notes:					
Course assessment					
Total number of assessed students: 859					
A	B	C	D	E	FX
12.92	14.09	20.49	19.44	21.42	11.64
Provides: doc. RNDr. Ján Sabo, CSc., univerzitný profesor, RNDr. Imrich Géci, PhD., RNDr. Martin Menkyna, PhD., RNDr. Michaela Šuliková, PhD., RNDr. Soňa Tkáčiková, PhD., RNDr. Miroslav Marcin, PhD., RNDr. Galina Laputková, CSc.					
Date of last modification: 01.06.2024					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULCHBKB/LCH-ZL/22	Course name: Medical Chemistry
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: lectures, seminars, practical exercise, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/departament/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Learning outcomes: The graduate will acquire knowledge of general, physical, inorganic and bioorganic chemistry as well as methodologically very important - analytical chemistry. Graduates know the structures and functions of medically important substances, they will know the importance of acid-base properties of substances, energy processes and will understand the essence of chemical processes taking place in living systems. The acquired knowledge will contribute to a better understanding of the functions of the whole organism and is the basis for successful mastery and correct completion of medical biochemistry, which is a good theoretical basis for several medical disciplines.	
Brief outline of the course: Properties of disperse systems and biological importance of water. Buffer solutions and pH calculation (titration). Colloid systems. Thermodynamics and kinetics of chemical reactions. Biochemical aspects of redox reactions. Elements and their compounds in medicine. Solution (concentration, dilution - calculations). Organic chemistry (e.g. heterocyclic compounds, carboxylic acids). Saccharides. Lipids. Amino acids. Proteins. Nucleic acids. Natural compounds (e.g. vitamins). More details: https://www.upjs.sk/lekarska-fakulta/en/departament/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Recommended literature:	
Course language: english	
Notes:	

Course assessment					
Total number of assessed students: 802					
A	B	C	D	E	FX
5.36	8.85	20.7	25.69	34.16	5.24
Provides: prof. Ing. Mária Mareková, CSc., doc. RNDr. Vladimíra Tomečková, PhD., univerzitná profesorka, doc. Ing. Katarína Dubayová, PhD., doc. RNDr. Marek Stupák, PhD., doc. Mgr. Peter Urban, PhD., RNDr. Jana Mašlanková, PhD., doc. Ing. Beáta Hubková, PhD., doc. RNDr. Miroslava Rabajdová, PhD., univerzitná profesorka					
Date of last modification: 17.02.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: CJP/LFMKAZ/09		Course name: Medical Communication in English for Dental Medicine			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4., 6., 8.					
Course level: I.II.					
Prerequisites:					
Conditions for course completion: Active classroom participation, 1 absence (2x45min.) tolerated Test (5th/6th week), mini-presentation. Students must obtain 60% in continuous assessment to be eligible for the final exam registration. Exam - final exam test Final evaluation = continuous assessment results - 50% , final exam test result - 50%. Grading scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.					
Learning outcomes: The development of students' language skills (reading, listening, speaking), improvement of their communicative linguistic competence (fonological, lexical and syntactic aspects), and pragmatic competence with focus on English for specific/professional purposes - Dental medicine, level B2.					
Brief outline of the course:					
Recommended literature: Glendinning, E.H., Howard, R.: Professional English in Use – Medicine, CUP, 2007. Glendinning, E., Holmstrom, B.: English in Medicine. Cambridge University Press, 1998. Studzinska-Pasieka, K., Otto M.: Open your English wider. Bestom DENTOnet.pl. SP.z o.o., 2011. Dostálová, T., Seydlová, M.: Dentistry and Oral Diseases for Medical Students. Grada Publishing, 2010. http://www.bbc.co.uk/worldservice/learningenglish					
Course language: English language, level B2 according to CEFR					
Notes:					
Course assessment Total number of assessed students: 102					
A	B	C	D	E	FX
50.98	14.71	20.59	5.88	5.88	1.96

Provides: Mgr. Zuzana Kolaříková, PhD.
Date of last modification: 11.03.2022
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: USL/ LEF-ZL/22	Course name: Medical Ethics and Philosophy
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Attendance on lectures and seminars to the specified extent, successful completion of a credit test and oral exam.	
Learning outcomes: The student acquires knowledge of ethical dimension and requirements of health care profession, and learns how to recognize principles of medical ethics in solving complicated ethical issues arising during the provision of health care, and specifically in the dental practice.	
Brief outline of the course: Ethics and morality. Bioethics and Medical Ethics. Landmark events in the evolution of bioethics. Global ethics and bioethics. Goals and ethical aspects of health care. Medical ethics. The basic principles of medical ethics. Ethical dilemma. The ethics of medical education. UPJŠ in Košice Code of Student Conduct. Hippocratic Oath. Physician's Pledge. Character requirements for medical profession. WMA International Code of Medical Ethics. Ethical Code for Health Care Providers in Slovakia. Important international conventions and declarations relevant to the health care professions. Patients' rights. Slovak Medical Chamber and Health Care Surveillance Authority in Slovakia. Human dignity in health care. Doctor – patient relationship. Informed consent/refusal – ethical and legal issues. Previously expressed wish of the patient. Communication in medical care. Guide to medical interview. Approach to specific patient groups. Burnout syndrome in medical profession. Ethical and legal issues in pediatrics. The rights of hospitalized children. Elderly patient. Risks in the hospital by elderly patients. Terminal illness. Ethical aspects of resuscitation and intensive care. Futile treatment. Dying patient – ethical and legal issues. Ethical issues in thanatology. Euthanasia and dysthanasia. Assisted suicide. Ethical aspects of organ and tissue transplantation. Living and dead donors. Ethical status of the dead human body. Ethics of autopsy and exhumation. Ethical aspects of examination in forensic medicine and pathology. Reproductive medicine and responsible parenthood. Methods used to achieve or prevent pregnancy. Surrogacy. Ethical issues of abortions. Surrogacy. Ethical and legal issues in dental medicine. Ethical issues in selected medical divisions [neonatal and fetal medicine, gynecology and obstetrics, surgery, nephrology, psychiatry, prehospital emergency care]. Ethics of expert activities in medicine. Ethics in biomedical research. Ethical and legal regulations regarding biomedical research involving human subjects. Ethical issues in animal experimentation. Ethics Committees. Publication ethics.	

Ethical issues in human genetics and genomics. Genetic testing and preimplantation genetic diagnosis. Gene therapy and genetic manipulation. Ethics of 'designer babies'. Ethical aspects of human cloning. Ethical issues in stem cell research and therapy.

Recommended literature:

LONGAUER, F., PALAŠČÁK, J. a kol. Vybrané kapitoly pre semináre z lekárskej etiky. Košice: UPJŠ v Košiciach, 2003.

FARKAŠOVÁ IANNACCONE, S. a kol. Etické aspekty komunikácie v medicíne. Košice: UPJŠ v Košiciach, 2015.

BOBROV, N. a kol. Tanatológia a humánna tafonómia – etické a právne aspekty. Košice: UPJŠ v Košiciach, 2015.

CIMBOLÁKOVÁ, I. a kol. Výskum v medicíne a etika. Košice: UPJŠ v Košiciach, 2015.

KIMÁKOVÁ, T. a kol. Environment a jeho etické aspekty. Košice: UPJŠ v Košiciach, 2015.

ŠOLTĚS, L., PULLMAN, R. a kol. Vybrané kapitoly z medicínskej etiky. Martin: Osveta, 2008.

KOŘENEK J. Lékařská etika. Praha: Triton, 2004.

PTÁČEK, R., BARTŮNEK, P. Etika a komunikace v medicíně. Praha: Grada Publishing, a.s., 2011.

PTÁČEK, R., BARTŮNEK, P. a kol. Etické problémy medicíny na prahu 21. století. Praha: Grada Publishing, a.s., 2014.

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 556

A	B	C	D	E	FX
89.93	8.27	1.62	0.0	0.18	0.0

Provides: doc. MUDr. Silvia Farkašová Iannaccone, PhD., MUDr. Ingrid Nerantzakis, Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Dorota Sopková, PhD., MBA, MUDr. Viktória Briškárová

Date of last modification: 21.04.2022

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULI/ MIS-ZL1/15	Course name: Medical Informatics and Statistics 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: 1. 100% and active attendance. 2. Min. 60% from each test during the term. 3. Elaboration of all assigned tasks.	
Learning outcomes: The aim of the course is to acquire knowledge about the basic terms, methods and tools of information and communication technologies used in electronic health service. To reach the computer skills at the level, that allows students to use informatics resources in their experimental and/or clinical works. To manage database system, to understand background of clinical information systems and to get skills in basic statistical methods that are used to describe various experimental data.	
Brief outline of the course: Basic terms in informatics, medical informatics, eHealth, electronic health record, ePreskription, eMedication, eAllocation, information systems and data protection, database system, design of database tables, interconnection of database tables, forms in database, types of database forms, working with data in database, creation of queries, reports in database, introduction to statistics, descriptive statistics, measure of location, measure of variability, , measure of skewness, measure of kurtosis, data sampling and selection, frequency, introduction to theory of probability, random variables.	
Recommended literature: 1. Majerník J., Švída M., Majerníková Ž.: Medicínska informatika, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-811-5. 2. Majerník J.: Databases in MS Access. Multimedia support in the education of clinical and health care disciplines :: Portal of Faculty of Medicine, Available from WWW: http://portal.if.upjs.sk/articles.php?aid=85 . ISSN 1337-7000. 3. Dale E. Mattson, Ph.D., Statistics, Difficult concepts, understandable explanations, Bolchay - Carducci Publishers, 1999. 4. Douglas G. Altman, Practical Statistics for Medical Research, CHAPMAN @ HALL, London, 1994.	

5. Majerník J.: Introduction to biostatistics. Multimedia support in the education of clinical and health care disciplines :: Portal of Faculty of Medicine, Available from WWW: <<http://portal.lf.upjs.sk/articles.php?aid=82>>. ISSN 1337-7000.
6. Notes from exercises.

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 720

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
47.78	12.78	23.75	12.5	2.5	0.42	0.28

Provides: doc. Ing. Jaroslav Majerník, PhD., Ing. Andrea Kačmariková, PhD., Ing. Lenka Urbanská, PhD.

Date of last modification: 25.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULI/MIS-ZL2/15	Course name: Medical Informatics and Statistics 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 4.	
Course level: I.II.	
Prerequisites: ULI/MIS-ZL1/15	
Conditions for course completion: 1. 100% and active attendance. 2. Min. 60% from each test during the term. 3. Elaboration of all assigned tasks. 4. Final exam.	
Learning outcomes: The main aim if the course is to acquire knowledge about probability and inferential statistics used in analysis and evaluation of clinical data. To get information about electronic information resources, to understand principles of evidence based medicine, to understand the importance of medical terminology and standards, and to work with various information systems used in hospitals.	
Brief outline of the course: Estimation theory and statistical tests, principles of statistical tests, testing of statistical hypothesis, formulation of null and alternative hypothesis, critical value, hypothesis test for a mean, hypothesis test for a variance, nonparametric tests, goodness of fit test, analysis of variance, regression analysis, correlation analysis, probability of hypothesis testing, evidence based medicine, formulation of clinical question, terminology in medicine, hospital information system, electronic health records in out-patient clinics, radiology information system, laboratory information system.	
Recommended literature: 1. Majerník J., Švída M., Majerníková Ž.: Medicínska informatika, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-811-5. 2. Anděl J.: Matematická statistika, SNTL/Alfa, Praha 2005. 3. Fazekáš T.: Moderná aplikovaná štatistika pre farmaceutov, Univerzita Komenského Bratislava, Bratislava, 2000. 4. Majerník J.: Úvod do bioštatistiky. Multimediálna podpora výučby klinických a zdravotníckych odborov :: Portál UPJŠ LF, Dostupný z WWW: < http://portal.lf.upjs.sk/clanky.php?aid=112 >. ISSN 1337-7000. 5. Majerník J., Kotlárová K.: Medicínska informatika 2 - Nemocničný informačný systém, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-812-2. 6. Príručky k informačným systémom a poznámky z cvičení.	

Course language: slovak					
Notes:					
Course assessment Total number of assessed students: 369					
A	B	C	D	E	FX
33.88	36.31	24.39	4.61	0.81	0.0
Provides: doc. Ing. Jaroslav Majerník, PhD., Ing. Andrea Kačmariková, PhD., Ing. Lenka Urbanská, PhD.					
Date of last modification: 25.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: UFZ/ LF-ZL1/22		Course name: Medical Physiology 1				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 3 Per study period: 42 / 42 Course method: present						
Number of ECTS credits: 5						
Recommended semester/trimester of the course: 3.						
Course level: I.II.						
Prerequisites:						
Conditions for course completion: lectures, practical exercises, seminars, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-physiology/teaching/subjects/doctoral-studies/						
Learning outcomes: The graduate acquires knowledge about the functions of individual systems in the dynamics of mutual relations with regulatory mechanisms in a healthy person. Learn to diagnose and treat.						
Brief outline of the course: Physiological principles. Homeostasis. Blood. Respiratory system. Cardiovascular system Excretory system. Digestive system						
Recommended literature: Guyton - Hall: Textbook of Medical Physiology Š.Kujaník: Practical lessons in Physiology. Part I. 1998 M.Pallayová,Š.Kujaník: Textbook of practical physiology Part I.-Cardiovascular Physiology 2013						
Course language: English						
Notes:						
Course assessment Total number of assessed students: 791						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
52.47	1.14	8.34	15.68	13.02	8.85	0.51
Provides: prof. MUDr. Viliam Donič, CSc., prof. MUDr. Mária Pallayová, PhD., prof. RNDr. Pavol Švorc, CSc., MUDr. Ivana Bačová, PhD., doc. MVDr. Agnesa Lukačinová, PhD., doc. RNDr. Soňa Grešová, PhD., RNDr. Judita Štimmelová, PhD., MUDr. Andrea Brandeburová, PhD., Mgr. Pavol Švorc, PhD., Mgr. Diana Tokárová, PhD., MUDr. Igor Peregrim, PhD., Mgr. Viktória Kapsdorferová						
Date of last modification: 10.03.2023						

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: UFZ/LF-ZL2/15		Course name: Medical Physiology 2			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 3 Per study period: 42 / 42 Course method: present					
Number of ECTS credits: 6					
Recommended semester/trimester of the course: 4.					
Course level: I.II.					
Prerequisites: UFZ/LF-ZL1/22					
Conditions for course completion: lectures, practical exercises, seminars, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-physiology/teaching/subjects/doctoral-studies/					
Learning outcomes: The graduate acquires new knowledge about the dynamics of regulatory mechanisms in healthy and sick people, which he compares and processes. He will learn to diagnose and apply appropriate treatment.					
Brief outline of the course: Physiological principles. Homeostasis. Blood. Respiratory system. Cardiovascular system. Excretory system. Digestive system. Thermoregulation					
Recommended literature: Guyton and Hall Textbook of Medical Physiology 14th Edition Ganong's Review of Medical Physiology, Twenty sixth Edition 26th Edition (25th, 24th) Linda S. Costanzo Physiology 6th Edition, (5th, 4th) Pallayova M. et al.: Textbook of Practical Physiology Part I Kujanik Š. et al.: Textbook of Practical Physiology Part II					
Course language: English					
Notes:					
Course assessment Total number of assessed students: 764					
A	B	C	D	E	FX
29.19	17.54	15.84	10.47	22.64	4.32
Provides: prof. MUDr. Viliam Donič, CSc., prof. MUDr. Mária Pallayová, PhD., prof. RNDr. Pavol Švorc, CSc., MUDr. Ivana Bačová, PhD., doc. MVDr. Agnesa Lukačinová, PhD., doc. RNDr. Soňa Grešová, PhD., RNDr. Judita Štimmelová, PhD., MUDr. Andrea Brandeburová, PhD., MUDr. Martina Gáborová, PhD., Mgr. Diana Tokárová, PhD., MUDr. Igor Peregrim, PhD.,					

RNDr. Martin Bona, PhD., MVDr. Barbora Dzugasová, PhD., Stanislav Marusyn, Mgr. Viktória Kapsdorferová

Date of last modification: 28.02.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: KKF/ LTM/07		Course name: Medical Terminology			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: I.II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 4518					
A	B	C	D	E	FX
14.21	27.49	25.59	18.55	13.39	0.77
Provides: prof. PhDr. František Šimon, CSc., doc. Mgr. Erika Brodňanská, PhD., Bc. Dagmar Kušnírová					
Date of last modification: 21.11.2024					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULBL/ LHB-ZL1/15	Course name: Medical and Human Biology 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: For the successful completion of the subject, as "prerequisite for registration" in the follow-up subject Biology 2, it is necessary: 100% active participation in all practical lessons For successful completion of the subject, as "prerequisite for completion of the subject" Biology 2, it is necessary: obtaining at least 60% from each test	
Learning outcomes: To introduce the basic concepts of cell biology, including cell structure, macromolecules, genetics, molecular biology, development and cell communications. To give students a thorough grounding in the theoretical and practical foundations of basic genetics. Students have acquired an understanding of the major concepts in cell and molecular biology and have obtained basic information related to genetics and molecular biology methods in clinical practice.	
Brief outline of the course: Molecular Biology – common characteristics of biopolymers, the structure and function of saccharides and lipids, amino acids, polypeptides, proteins, primary, secondary, tertiary and quaternary structure of protein molecules, function of proteins. Nucleic acids, primary structure of DNA and RNA, their genetic function. Cell structure – prokaryotic and eukaryotic cells. Membrane cell organelles, their structure and function, plasmatic membrane, membrane receptors. General characteristic of biomembranes, molecular structure of biomembranes; movement of molecules through the membrane, active and passive transport, protein membrane channels, endocytosis, exocytosis. Replication of DNA. Structure of eukaryotic chromosome, human karyotype. Cell reproduction, cell cycle, control of cell cycle, mitosis. Meiosis, gametogenesis, spermatogenesis, oogenesis. Expression of genetic information, transcription, posttranscriptional processing of mRNA, translation, synthesis of proteins, posttranslation modifications, regulation of gene expression. Application of molecular biology methods in clinical genetics. The basic principles of Epigenetics. Cell differentiation, aging and death of the cells.	
Recommended literature: Slabá, E. a kol.: Lekárska biológia a genetika, ŠafárikPress, Košice 2023, 352 s. Slabá, E. a kol.: Biológia - Praktické cvičenia, ŠafárikPress, Košice 2020, 164 s.	

Sršeň,Š., Sršňová,K.: Základy klinickej genetiky a jej molekulárna podstata, Osveta, Martin 2000, 446 s.						
Course language: Slovak						
Notes:						
Course assessment Total number of assessed students: 792						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.64	7.45	15.4	15.78	6.82	1.89	1.01
Provides: prof. RNDr. Ján Šalagovič, PhD., RNDr. Helena Mičková, PhD., RNDr. Jozef Židzik, PhD., RNDr. Terézia Hudáková, PhD., doc. RNDr. Peter Solár, PhD., RNDr. Eva Slabá, PhD., Mgr. Pavol Harvanik, RNDr. Lucia Klimčáková, PhD., prof. RNDr. Janka Vašková, PhD.						
Date of last modification: 06.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULBL/ LHB-ZL2/15	Course name: Medical and Human Biology 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 2.	
Course level: I.II.	
Prerequisites: ULBL/LHB-ZL1/15	
Conditions for course completion: All practical lessons (100%) are obligatory for all students. Assessment of the student's learning achievements is carried out as a combination of continuous monitoring of the study during the teaching part of the semester (40%) with the final examination for the period of the semester concerned (60%). Prerequisite for the final examination (to register for the final examination) is the acquirement of 20 points minimum from continuous assessments during the semester.	
Learning outcomes: To introduce the basic concepts of cell biology, including cell structure, macromolecules, genetics, molecular biology, development and cell communications. To give students a thorough grounding in the theoretical and practical foundations of basic genetics. Students have acquired an understanding of the major concepts in cell and molecular biology and have obtained basic information related to genetics and molecular biology methods in clinical practice.	
Brief outline of the course: Mutations - classification of mutations, mechanisms of mutagenesis. The gene mutations and inherited pathological traits in man. Chromosomal aberrations, aneuploidy, polyploidy, chromosomal aberrations in human diseases. Mendelian inheritance, historical overview, general characteristics, Mendel's laws of inheritance. X-linked inheritance, Lyon hypothesis. Gene linkage. Immunogenetics, general features, structure and function of antigens and antibodies, immune response, transplantation genetics. HLA system, blood group systems. Population genetics, Hardy-Weinberg law, population equilibrium, panmixis, inbreeding, genetic drift, eugenics, euphenics. Human genetics – genealogy, genetics of twins. Variability of gene expression, genetic polymorphism. Carcinogenesis, molecular biology methods in cancer diagnostics. Cell signalling pathways and molecular targeted therapy. Molecular biology methods and their application in clinical practice. Genomics and medicine. Ethical issues in human genetics.	
Recommended literature: Slabá, E. a kol.: Lekárska biológia a genetika, ŠafárikPress, Košice 2023, 352 s. Slabá, E. a kol.: Biológia – Praktické cvičenia, ŠafárikPress, Košice 2020, 164 s. Sršeň,Š., Sršňová,K.: Základy klinickej genetiky a jej molekulárna podstata, Osveta, Martin 2005, 446 s.	

Course language:					
Notes:					
Course assessment					
Total number of assessed students: 747					
A	B	C	D	E	FX
30.52	25.7	20.48	13.52	8.43	1.34
Provides: prof. RNDr. Ján Šalagovič, PhD., RNDr. Helena Mičková, PhD., RNDr. Lucia Klimčáková, PhD., RNDr. Jozef Židzik, PhD., RNDr. Terézia Hudáková, PhD., doc. RNDr. Peter Solár, PhD., RNDr. Eva Slabá, PhD., RNDr. Martina Šemeláková, PhD., Mgr. Pavol Harvanik, prof. RNDr. Janka Vašková, PhD.					
Date of last modification: 06.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: ULM/M-ZL1/22		Course name: Microbiology 1				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present						
Number of ECTS credits: 3						
Recommended semester/trimester of the course: 4.						
Course level: I.II.						
Prerequisites:						
Conditions for course completion: completion of practical exercises tests getting credits						
Learning outcomes: Overview of fundamental characteristics of microorganisms in relation to infections in dentistry. Laboratory diagnosis, therapy and prevention of infectious diseases.						
Brief outline of the course: Classification and basic characteristics of microorganisms with special regard to oral bacteria. Growth and cultivation. Pathogenicity of cariogenic bacteria. Immunity against microbes. Antimicrobial Agents. Immunisation. Laboratory diagnosis of infectious diseases. Normal flora. Staphylococci. Streptococci. Pneumococci. Enterococci. Neisseria.						
Recommended literature: Murray, P.R.: Medical Microbiology.						
Course language:						
Notes:						
Course assessment Total number of assessed students: 746						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.56	12.73	12.06	8.18	6.97	5.09	0.4
Provides: Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., RNDr. Marián Sabol, CSc., MVDr. Vladimír Hrabovský, PhD., Mgr. Mária Nagyová, MUDr. Marián Marcin, doc. RNDr. Katarína Čurová, PhD., Mgr. Radka Slobodníková, PhD., Ing. Viera Lovayová, PhD.						
Date of last modification: 31.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: ULM/M-ZL2/15		Course name: Microbiology 2			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 5.					
Course level: I.II.					
Prerequisites: ULM/M-ZL1/22					
Conditions for course completion: test examination					
Learning outcomes: Knowledge of general and specific characteristics of microorganisms in relation to dental infections, laboratory diagnosis, therapy and prophylaxis					
Brief outline of the course: Selected genera of grampositive and gramnegative cocci and rods. Anaerobic bacteria. Selected yeasts, molds and parasites. DNA and RNA viruses. Selected causative agents of respiratory, gastrointestinal, genitourinary, and cardiovascular and central nervous system, nosocomial infections and infections of soft tissue and bones. Microbiology of caries, dental plaque and extraoral infection.					
Recommended literature: Murray, P.R.: Medical Microbiology.					
Course language:					
Notes:					
Course assessment Total number of assessed students: 836					
A	B	C	D	E	FX
27.87	15.55	19.14	12.32	19.38	5.74
Provides: Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., RNDr. Marián Sabol, CSc., MVDr. Vladimír Hrabovský, PhD., Mgr. Mária Nagyová, MUDr. Marián Marcin, doc. RNDr. Katarína Čurová, PhD., Ing. Viera Lovayová, PhD., Mgr. Radka Slobodníková, PhD., Mgr. Annamária Toporová, PhD.					
Date of last modification: 31.03.2023					

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: NLK/ NL-ZL/15	Course name: Neurology
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: IK/IM-ZL2/15	
Conditions for course completion: 1. 100 % active participation in practical exercises, in the case of absence, may substitute up to 3 exercises per semester 2. Successful completion of the test, evaluation A – E (possibility to repeat the test 2 times). 3. The condition for passing Neurology is successful completion of oral exam in regular term or 1st or 2nd repeat exam.	
Learning outcomes: The graduate will become familiar with neurological diseases, learn to take an anamnesis and establish a basic diagnosis of the disease. The graduate will learn to assess the relationship of these diseases with diseases of the orofacial area. The graduate is familiar with auxiliary investigative methods such as X-ray, CT, USG, MRI.	
Brief outline of the course: Neurology - general considerations. History taking. Cranial nerves. General informations about upper and lower motor neuron, sensitivity, cerebellar syndromes. Disorders of stance and gait.. Extrapyramidal syndromes – hypertonic-hypokinetic, hypotonic-hyperkinetic. Language and higher cortical function. Physiological and anatomical considerations. Language disorders, brain lobes pathology. Meningeal syndrom. Cerebrospinal fluid. Intracranial hypertension, brain herniations. X-ray, EEG, Ultrasound of cerebral arteries, EMG, Evoked potentials, AG, CT, MRI. Headache. Classification, migraine, tension headache, cluster headache, other and secondary headaches. Diagnosis, differential diagnosis, therapy. Cervikocranial syndrome. Epilepsy and seizures. Classification, generalized and partial seizures. Diagnostic, therapy. Febrile convulsions. Ischemic stroke. Risk factors, clinical feature, diagnosis, therapy. Brain haemorrhage, subarachnoid haemorrhage. Risk factors, clinical feature, diagnosis, therapy. Brain tumors. Classification, clinical feature, general and focal signs, diagnostic, therapy. Brain MTS. Headache. Classification, migraine, tension headache, cluster headache, other and secondary headaches. Diagnosis, differential diagnosis, therapy. Cervikocranial syndrome. Demyelinating disorders - multiple sclerosis. Degenerative disorders (Alzheimer disease, Parkinson disease) - relations with stomatological diseases. Infectious disorders of the nervous system –menin gitis, encephalitis. Neurosyphilis. Lyme disease. AIDS. Brain abscess. Polyradiculoneuritis Guillain-Barre. Myasthenia gravis. Metabolic disorders. Complications of diabetes mellitus, anemia, alcoholism, side effects of	

neurological therapy in oral cavity.					
Recommended literature: Gdovinová Z.: Základy neurologického vyšetrenia pre študentov všeobecného lekárstva. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2010. 136s. ISBN 978-80-7097-801-6 (brož.). Szilasiová J.: Vybrané kapitoly zo špeciálnej neurológie pre študentov zubného lekárstva. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2011. 234 s. ISBN 978-80-7097-869-6 (brož.). Gdovinová Z., Szilasiová J. Handbook of general neurology for dentistry / Zuzana Gdovinová, Jarmila Szilasiová. - vyd. - Košice : Aprilla Ltd. for Hanzlúvka Books, 2009. - 139 s. - recenzované.. - ISBN 9788089346189. Complementary literature: Gdovinová Z., Szilasiová J., Feketeová E., Tormašiová M., Škorvánek M., Leško N, Paveleková P. Vybrané kapitoly zo špeciálnej neurológie. 2. Vydanie. UPJŠ v Košiciach, Equilibria, 2021. ISBN 978-80-574-0017-2 Ružička E., Šonka K., Marusič P., Rusina R a kol. Neurologie, Triton, Praha, 2019, ISBN 978-80-7553-681-5.					
Course language: slovak language					
Notes:					
Course assessment Total number of assessed students: 797					
A	B	C	D	E	FX
48.93	20.33	15.56	6.9	7.03	1.25
Provides: prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN, prof. MUDr. Jarmila Szilasiová, PhD., MUDr. Mária Tormašiová, PhD., doc. MUDr. Eva Feketeová, PhD., MUDr. Norbert Leško, PhD., doc. MUDr. Marianna Vitková, PhD., prof. MUDr. Matej Škorvánek, PhD., MUDr. Vladimír Haň, PhD., MUDr. Milan Mareta, PhD., MUDr. Miroslav Benča, MUDr. Petra Paveleková, PhD., MUDr. Alexandra Lacková, PhD.					
Date of last modification: 09.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UO/ ZZS-ZL/22	Course name: Nursing Care
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Successful completion of continuous study reviews and final graded assessment. Detailed conditions for completing the course are annually updated on the electronic bulletin board AiS2 and on the website of the Institute of Nursing. Link to the Conditions for completing the course on the website of the Institute of Nursing https://www.upjs.sk/public/media/8671/absol_ZZS_ZL.pdf	
Learning outcomes: Main aim of nursing care is introduce to the student general knowledge about nursing care and help them to gain skills of nursing clinical procedure which they will use in there medical practice in hospital. Student will be able to understand the main principals of the health care system, infection control, health and safety, nutrition of the patient... He/she will know different types of binders and bandages an will be able to provide them in practice.	
Brief outline of the course: Introduction to nursing care. Health care system in Slovakia.Ward unit. Admission, transfer and discharges of patients.Fundamentals of nutritional support.Disinfection, methods and types of disinfection. Sterilisation - methods of sterilisation. Infection Control – Infection process. Hospital acquired infection – Nosocomial infection. Applying binders and bandages. Types of bandages, division of bandages according to purpose.Vital signs.Medications.Types of medications, types of syringes and needles.Parenteral Medications.Injection techniques. Intravenous Infusion. Transfusion. Current legislative standards related to the profession.	
Recommended literature: Basic study literature: DIMUNOVÁ, L., RAKOVÁ, J., ŠTEFKOVÁ, G.Vybrané kapitoly zo základov zdravotnej starostlivosti. Vysokoškolská učebnica UPJŠ LF, 2017. TIRPÁKOVÁ, L., SOVÁRIOVÁ SOÓSOVÁ, M. a kol.Ošetrovateľské techniky. Košice: LF UPJŠ, 2016. http://unibook.upjs.sk/image/data/osetrovatelske-techniky-final.pdf Further study literature: RAKOVÁ, J. a kol.Dietológia a liečebná výživa II. Košice:UPJŠ, 2019. https://unibook.upjs.sk/img/cms/2019/LF/dietologia-a-liecebna-vyziva-2.pdf	
Course language:	

Notes:						
Course assessment						
Total number of assessed students: 82						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	86.59	9.76	3.66	0.0	0.0	0.0
Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, PhDr. Silvia Danková, PhD., MPH						
Date of last modification: 22.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: IK/PMV-ZL/16		Course name: Nutritional metabolism disorders				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present						
Number of ECTS credits: 2						
Recommended semester/trimester of the course: 8.						
Course level: I.II.						
Prerequisites:						
Conditions for course completion: active participation in the exercises, final test of at least 50%						
Learning outcomes: classified credit						
Brief outline of the course: The course Disorders of Metabolism and Nutrition deals comprehensively with the basic disorders of metabolism and nutrition encountered in clinical practice. It is suitable for students interested in dietetics, diabetology and endocrinology with overlap into other specialties of internal medicine and critical care medicine.						
Recommended literature: 1. Miriam Kozárová: Novinky v diabetológii a lipidológii, ŠafárikPress, 2020 https://unibook.upjs.sk/sk/diabetologia/1437-novinky-v-diabetologii-a-lipidologii 2. Ingrid Dravecká: Vyšetrovacie metódy v diabetológii ŠafárikPress, 2015 https://unibook.upjs.sk/sk/medicina/119-vysetrovacie-metody-v-diabetologii-300843 3. Lucia Dimunová: Dietológia a liečebná výživa I. ŠafárikPress, 2018 https://unibook.upjs.sk/sk/lekarska-fakulta/1072-dietologia-a-liecebna-vyziva-i						
Course language: slovak						
Notes:						
Course assessment Total number of assessed students: 2						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	100.0	0.0	0.0	0.0	0.0	0.0
Provides:						
Date of last modification: 23.03.2023						

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: OK/OL-ZL/15		Course name: Ophthalmology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 8.					
Course level: I.II.					
Prerequisites: ChK/CH-ZL2/15					
Conditions for course completion: Test Oral exam					
Learning outcomes: Basic knowledge of Ophthalmology, especially most common causes leading to blindness, acute diseases and general and dental medicine aspects of Ophthalmology					
Brief outline of the course: Loss of vision, Ocular pain and discomfort, Abnormal appearance, Abnormal eye movement, double vision and squint, Traumatology of the eye, The eye systemic disease, Pharmacology of the eye					
Recommended literature: Oláh, Z. a kol. : Očné lekárstvo, Osveta, 1996, Gerinec, A.: Detská oftalmológia, Osveta, 2005					
Course language: slovak language					
Notes:					
Course assessment Total number of assessed students: 680					
A	B	C	D	E	FX
78.24	10.74	5.88	2.79	2.06	0.29
Provides: MUDr. Marek Horňák, MPH, MUDr. Monika Moravská, MUDr. Paulína Hribová, MUDr. Jozef Szilasi, MUDr. Simona Knížová, MUDr. Mária Bujnovská, MUDr. Tereza Ilavská, MUDr. Daša Kolesárová					
Date of last modification: 22.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ OZL-SS-ZL/18	Course name: Orthopedic Dentistry
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites: SK/CO-ZL3/22 and SK/OPx-ZL3/22 and KFBLR/F-ZL/18 and SK/PrZL-ZL6/15	
Conditions for course completion: Obtaining the minimum number of credits for compulsory and compulsory optional subjects in the prescribed stock of the study plan.	
Learning outcomes: The graduate verifies his professional practical and theoretical knowledge from the study of maxillofacial orthopedics in accordance with the completion of the study of dentistry at the state examination.	
Brief outline of the course: Thematic areas for the subject ŠS. It includes a range of questions from maxillofacial orthopedics and dental prosthetics, as well as known methods of treatment of the causative conditions of maxillo-orthopedic anomalies and treatment of missing teeth in the oral cavity.	
Recommended literature: Milan Kamínek · Vydavatel'stvo: Galén, 2014 Professional scientific and domestic foreign magazines Martin Tvrdon, Milan Kontrán a Mária Čižmarovičová · Vydavatel'stvo: Science, 2011 Protetická stomatológia Restorative Dentistry EN Italian Ac · Vydavatel'stvo: Mosby, 2011 Vladimír Machoň a Dušan Hirjak · Vydavatel'stvo: StomaTeam, 2009 Onemocnění temporomandibulárního kloubu Dušan Hirjak a Vladimír Machoň · Vydavatel'stvo: Triton, 2014 Protetika III CZ 4., přepracované a rozšířené vydání Jörg Rudolf Strub a kolektiv · Vydavatel'stvo: Grada, 2016 Protetika I. CZ 4., přepracované a rozšířené vydání Kolektiv autorov · Vydavatel'stvo: Grada, 2015 Protetika II. CZ Kolektiv autorov · Vydavatel'stvo: Grada, 2016 Veneers EN Mini-invasive Reconstructions	

Attilio Sommella a Guerino Paolantoni · Vydavatel'stvo: Teamwork Media, 2014 Professional, scientific and domestic foreign magazines and books.					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 747					
A	B	C	D	E	FX
44.71	27.04	16.2	6.83	4.55	0.67
Provides:					
Date of last modification: 22.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/CO-ZL1/15	Course name: Ortodontics 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: SK/PrZL-ZL3/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Diagnosis of a patient with an orthodontic anomaly 7 x Jaw-orthopedic analysis of models 5x Maxillofacial orthopedic analysis teleRTG images 5x Entrance jaw-orthopedic examination 5 times Alginate impressions 3x	
Learning outcomes: The graduate acquires knowledge about the basic classification systems of dental anomalies, dental arches and facial bones. He participates in diagnostic examinations in orthodontics. He learns to fill out patient documentation and to evaluate and analyze cephalometric images. He discusses the proposed treatment options for anomalies and the general principles of extraction therapy in orthodontics.	
Brief outline of the course: Ontogenetic development of the orofacial system. Eruption and eruption. Diagnostic examination in orthodontics. Documentation. Classification systems in the diagnosis of anomalies. Causes of jaw-orthopedic anomalies. Treatment options for anomalies. Basics of cephalometric image analysis. Determination of skeletal age. General principles of extraction therapy in orthodontics.	
Recommended literature: Graber, M.: Orthodontics, 2005, ISBN-10:0323026214	

Ortodoncie CZ Milan Kamínek · Vydavateľstvo: Galén, 2014 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 778						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
52.06	42.93	3.98	0.51	0.39	0.0	0.13
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Mária Eötvösová, PhD., MDDr. Gabriela Verbová, PhD., MDDr. Mária Futejová, MUDr. Adriána Petrášová, PhD., MDDr. Natália Sokolová, MDDr. Eleonóra Ivančová, PhD., MHA, MUDr. Janka Jenčová, PhD., MUDr. Jana Surovková, MDDr. Juraj Bánovčin, PhD., MDDr. Kornélia Pandyová						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/CO-ZL2/22	Course name: Ortodontics 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites: SK/CO-ZL1/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: The graduate participates in the analysis of the causes of anomalies and the determination of the diagnosis and treatment plan. Acquires knowledge and theoretical knowledge about fixed and removable devices and their indications and contraindications. He finds out how important the retention phase and extraction therapy are in jaw orthopaedics.	
Brief outline of the course: Types of orthodontic appliances: fixed and removable. Indications of individual species. Removable orthodontic appliances: indication, design elements. Materials used in jaw orthopaedics. Indications of fixed orthodontic appliances. Individual elements and principles of the application. The importance of the retention phase. Extraction therapy in maxillofacial orthopedics.	
Recommended literature: Graber, M.: Orthodontics, 2005, ISBN-10:0323026214 Ortodoncie CZ Milan Kamínek · Vydavatel'stvo: Galén, 2014 Professional, scientific and domestic foreign magazines and books.	
Course language: english	
Notes:	

Course assessment					
Total number of assessed students: 751					
A	B	C	D	E	FX
80.83	14.51	3.6	0.67	0.4	0.0
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Mária Eötvösová, PhD., MDDr. Natália Sokolová, MUDr. Adriána Petrášová, PhD., MDDr. Mária Futejová, MDDr. Juraj Bánovčin, PhD., MDDr. Eleonóra Ivančová, PhD., MHA, MDDr. Gabriela Verbová, PhD., MUDr. Janka Jenčová, PhD., MUDr. Jana Surovková					
Date of last modification: 20.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/CO-ZL3/22	Course name: Ortodontics 3
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 11s / 66s Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites: SK/CO-ZL2/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Diagnosis of a patient with an orthodontic anomaly 7 x Maxillofacial orthopedic analysis of models 7x Orthopedic jaw analysis of body X-ray images 7x Entrance jaw orthopedic examination 2x Alginate impressions 4x Untying and tying the arch into a fixed appliance 4x	
Learning outcomes: The graduate acquires knowledge in the field of solving jaw-orthopedic anomalies of a special nature: diastemas, anomalies in the number of teeth, position and size of teeth, compressions, cross bite, clefts. Participates in the indication of removable and functional appliances.	
Brief outline of the course: Indication, contraindication of removable and functional appliances. Indication and application of fixed appliances. Jaw-orthopedic anomalies of a special nature: diastemas, anomalies in the number of teeth, position and size of teeth, compression, crossbite. Materials used in jaw orthopaedics. Cephalometry. Clefts. The importance of photography in treating an orthodontic patient. Professional ethics and ethical standards in relation to patients, staff and colleagues.	
Recommended literature: Milan Kamínek · Vydavatel'stvo: Galén, 2014	

Orthodontic Therapy: Andrea Wichelhaus, Theime 2017 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 750						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
50.53	46.4	2.8	0.27	0.0	0.0	0.0
Provides: MUDr. Mária Eötvösová, PhD., MDDr. Gabriela Verbová, PhD., MDDr. Mária Futejová, MDDr. Juraj Bánovčin, PhD., MDDr. Natália Sokolová, MDDr. Eleonóra Ivančová, PhD., MHA, MUDr. Jana Surovková, MUDr. Janka Jenčová, PhD.						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: KORLaF/ORL-ZL/15		Course name: Otorhinolaryngology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 8.					
Course level: I.II.					
Prerequisites: ChK/CH-ZL2/15					
Conditions for course completion: Test Exam					
Learning outcomes: Diagnosis and treatment of the most common diseases in ENT. Examination procedure and differential diagnosis of life-threatening conditions. Get information on the full range of ENT examinations and performances, even in border industries.					
Brief outline of the course: Nose and paranasal sinuses traumatology, inflammations, complications, Laryngeal and tracheal stenosis inflammation of lymphoid pharyngeal tissue, Tumours of the nose, paranasal sinuses, pharynx and larynx, Acoustic neurinoma, Tumours of the ear, External ear diseases, Acute otitis media and its complications, Chronic otitis media, Otogenic intracranial complication, Otosclerosis.					
Recommended literature: Šuster : Otorhinolaryngológia Profant M., : Otorhinolaryngológia Koval' J., : Nervus facialis					
Course language: slovak language					
Notes:					
Course assessment Total number of assessed students: 747					
A	B	C	D	E	FX
35.21	29.45	19.81	10.98	4.55	0.0
Provides: prof. MUDr. Juraj Koval', CSc., MPH, MUDr. Michal Molčan, CSc., MUDr. Tímea Košťálová					
Date of last modification: 22.03.2023					

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KDaD/ PE-ZL/15	Course name: Paediatrics
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: IK/IM-ZL2/15	
Conditions for course completion: 1. Attendance confirmed by assistant's signature in the record book of the student - it is obligatory to compensate more than one legitimate absence - (in case of 2 absent practical lessons their compensation in the corresponding form shall be determined by the teaching assistant, in case of more than 3 absences the Head of the department shall decide how to compensate) 2. Active participation on practical lessons – estimated by the teaching assistant 3. Practical exam – evaluation of the physical examination of the patient in written form, + final exam (written form - ROGO system) 4. Credits from the subject are going to be administered on the basis of fulfillment of criterias 1-3 during credit week	
Learning outcomes: Students should acquire teoretical and practical skills which are necessary for child's examination. Education is focused on pathological conditions related to dental diseases. Students also should learn the principles of paediatric propedeutics and to evaluate pathological conditions in childhood.	
Brief outline of the course: - The age stages of child development - The peculiarities of anamnesis and a physical examination of a child - The nutrition and the assessment of nutritional status and hydration - Arterial hypertension and infectious endocarditis - The inflammation of the upper and lower respiratory tracts - A malabsorption syndrome - The disorders of the immune system and vaccination - Anemia and the blood clotting disorders - Type I diabetes mellitus and the disorders of calcium-phosphate metabolism - A nephrotic syndrome and pyelonephritis - Acute conditions in Paediatrics	
Recommended literature: Kovács, L. a kol: Pediatria, ARETA, 2010 Vargová, V. a kol: Vybrané kapitoly z pediatrie, UPJŠ Košice, 2012	

Bláhová, K. a kol: Preklinická pediatrie, Galén, 2019 Lebl, J. a kol: Klinická pediatrie, Galén, 2014					
Course language: Slovak language					
Notes:					
Course assessment Total number of assessed students: 791					
A	B	C	D	E	FX
33.63	31.98	19.34	10.11	4.55	0.38
Provides: MUDr. Juliana Ferenczová, PhD., doc. MUDr. Milan Kuchta, CSc., doc. MUDr. Veronika Vargová, PhD., MUDr. Miroslava Petrášová, PhD., MUDr. Marianna Fajdelová, MUDr. Simona Drobnáková, MUDr. Veronika Kučeravá, PhD., MUDr. Kristína Kubejová, PhD., doc. MUDr. Gabriel Kol'vek, PhD., MUDr. Gabriela Kiss, MUDr. Nicolas Kardos, MUDr. Nina Kalinová					
Date of last modification: 23.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ DZL-ZL1/15	Course name: Paediatrics Dentistry 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: SK/KZL-ZL3/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive examination of a child patient of preschool age and treatment plan 10 Comprehensive examination of a school-age patient and treatment plan 10 Comprehensive examination and treatment plan for an adolescent patient (15-18 years old) 10 Determination of bone age on an orthopantomogram 10 Sealing tooth fissures 5 Preventive fillings 5 Filling of primary teeth: 5 Filling of permanent teeth: 7 Indirect capping of the dental pulp: 4 Extractions of primary teeth: 4 Extractions of permanent teeth: 3 Mortal treatment of dental pulp: 2 Root canal treatment of primary teeth: 3 Local anesthesia: 5 Mandibular anesthesia: 3	
Learning outcomes: The graduate meets a child patient in the outpatient clinic, with whom he learns to communicate, learns to diagnose and treat tooth decay in deciduous and permanent dentition, and learns to fill out patient documentation. Participates in psychoprophylaxis and psychotherapy of child patients	

Brief outline of the course:

Taking care of the oral health of the young generation. Growth and development of primary teeth, determination of dental age in primary dentition. The role and functions of primary teeth, fluoride and non-fluoride prevention of dental caries in children. Growth and development of permanent teeth, determination of dental age in the permanent dentition. The role of the mixed dentition. Teeth with incomplete development, characteristics of teeth with incomplete development, their treatment. Differences between deciduous and permanent teeth.

Documentation. Psychoprophylaxis and psychotherapy in childhood. Medical preparation of the child before treatment. Cariology of primary teeth, diagnosis, initial stages of dental caries and their treatment. X-ray diagnosis of dental caries. Anesthesia in children, complications and resuscitation. Tooth extractions in children, indication, complications, consequences of premature tooth loss.

Recommended literature:

Angus, C., Cameron, I., Richard, P.,:Handbook of Pediatric Dentistry. Elsevier Health Sciences 2021,

Propedeutika dětského lékařství: Jiří Fremuth František Stožický Josef Sýkora, Karolinum, 2021

Ginzlová, K.:Detské zubní lékařství, ISBN 9788027000852, 2017

Goran, K., Pediatric Dentistry. John Wiley & Sons 2016

Professional, scientific and domestic foreign magazines and books.

Course language:

english

Notes:**Course assessment**

Total number of assessed students: 778

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
52.19	33.8	13.62	0.39	0.0	0.0	0.0

Provides: MDDr. Peter Šmocer, MDDr. Jaroslav Ďurica, MUDr. Jana Kaiferová, PhD., MUDr. Silvia Labusová, MUDr. Adriána Petrášová, PhD., MDDr. Mária Futejová, MDDr. Barbara Petrišin Rudová, MDDr. Zuzana Slobodníková Švecová, MDDr. Lenka Soták Benedeková

Date of last modification: 20.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ DZL-ZL2/22	Course name: Paediatrics Dentistry 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites: SK/DZL-ZL1/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive examination of a child patient of preschool age and treatment plan 10 Comprehensive examination of a school-age patient and treatment plan 10 Comprehensive examination and treatment plan for an adolescent patient (15-18 years old) 10 Determination of bone age on an orthopantomogram 10 Sealing tooth fissures 5 Preventive fillings 5 Filling of primary teeth: 5 Filling of permanent teeth: 7 Indirect coverage of the dental pulp: 4 Extractions of primary teeth: 4 Extractions of permanent teeth: 3 Mortal treatment of dental pulp: 2 Root canal treatment of primary teeth: 3 Local anesthesia: 5 Mandibular anesthesia: 3	
Learning outcomes: The graduate masters the principles of psychoprophylaxis and psychotherapy in healthy and uncooperative children, learns the principles of indication of procedures in local and general anesthesia, participates in the diagnosis and treatment of dental pulp diseases in deciduous and	

permanent dentition. He acquires practical and theoretical knowledge in treating uncooperative children and handicapped children and treating children under general anesthesia.					
Brief outline of the course: Principles of working with uncooperative children, examination and treatment of handicapped children. Treatment of children under general anesthesia, complications and resuscitation. Disorders of tooth development, diagnosis and treatment. Disorders of the formation of hard dental tissues, diagnosis and therapy. Inflammation of the dental pulp, causes, pathological-anatomical picture, therapy and prevention. Necrosis and gangrene of the dental pulp, apical periodontitis in primary dentition, X-ray image, dental focal infection, therapy and prevention.					
Recommended literature: Kristina Ginzlová · Dětské zubní lékařství CZ, Vydavatel'stvo: Kristina Ginzlová, 2017 R.Ivančáková-Koberová, Vlasta Merglová: Dětské zubní lékařství, ISBN 978-80-260-6752-8,2014 Goran, K., Pediatric Dentistry. John Wiley & Sons 2016 Angus, C., Cameron, I., Richard, P.,:Handbook of Pediatric Dentistry. Elsevier Health Sciences 2021 Professional, scientific and domestic foreign magazines and books.					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 749					
A	B	C	D	E	FX
69.16	19.09	6.68	3.74	1.34	0.0
Provides: MDDr. Peter Šmocer, MDDr. Jaroslav Ďurica, MUDr. Jana Kaiferová, PhD., MUDr. Adriána Petrášová, PhD., MUDr. Silvia Labusová, MDDr. Zuzana Slobodníková Švecová, MDDr. Barbara Petrišin Rudová, MDDr. Adriána Mičková					
Date of last modification: 20.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ DZL-ZL3/22	Course name: Paediatrics Dentistry 3
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 11s / 66s Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites: SK/DZL-ZL2/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive examination of a child patient of preschool age and treatment plan 10 Comprehensive examination of a school-age patient and treatment plan 10 Comprehensive examination and treatment plan for an adolescent patient (15-18 years old) 10 Determination of bone age on an orthopantomogram 10 Sealing tooth fissures 5 Preventive fillings 5 Filling of primary teeth: 5 Filling of permanent teeth: 7 Indirect coverage of the dental pulp: 4 Extractions of primary teeth: 4 Extractions of permanent teeth: 3 Mortal treatment of dental pulp: 2 Root canal treatment of primary teeth: 3 Local anesthesia: 5 Mandibular anesthesia: 3	
Learning outcomes: The graduate is able to provide basic treatment for acute and life-threatening conditions. He can comprehensively examine, diagnose and propose a treatment plan for a child patient. He participates in the treatment of dental injuries in children and the diagnosis of fractures of the facial skeleton,	

inflammations of the lymphatic system and diseases of the salivary glands. He acquires knowledge in the field of genetics in pediatric dentistry.						
Brief outline of the course: Indications for outpatient surgical procedures in children. Dental injuries in children. Fractures of the facial skeleton and first aid for injuries to teeth and facial bones. Inflammation of the lymphatic system. Inflammation of the face in children. Salivary gland diseases. Infectious diseases in children with manifestations in the oral cavity. Symptoms of endocrine diseases in the oral cavity. Manifestations of blood diseases. Growth and development as a determining factor of prevention and therapy in children. Genetics in pediatric dentistry. Comprehensive analysis of the pediatric patient. Professional ethics and ethical standards in relation to patients, staff and colleagues.						
Recommended literature: Kristina Ginzelová · Dětské zubní lékařství CZ, Vydavatel'stvo: Kristina Ginzelová, 2017 Mazánek. J., a kolektiv: Zubní lékařství Propedeutika 2014 Goran, K., Pediatric Dentistry. John Wiley & Sons 2016 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 759						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.93	34.26	15.42	0.4	0.0	0.0	0.0
Provides: MDDr. Peter Šmocer, MDDr. Jaroslav Ďurica, MUDr. Jana Kaiferová, PhD., MUDr. Adriána Petrášová, PhD., MUDr. Silvia Labusová, MDDr. Barbara Petrišin Rudová, MDDr. Lenka Soták Benedeková, MDDr. Zuzana Slobodníková Švecová						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UP/PA-ZL1/19	Course name: Pathological Anatomy 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 5.	
Course level: I.II.	
Prerequisites: UA/A-ZL2/15 and UHE/HE-ZL2/24	
Conditions for course completion: 2 Tests and Colloquium	
Learning outcomes: The graduate acquires important knowledge in the field of general and special pathology. The graduate acquires knowledge in the pathology of blood vessels, heart, respiratory system, gastrointestinal system, urinary system, genitourinary system, central and peripheral system, pathology of bones, joints and soft parts.	
Brief outline of the course: Introduction to general pathology. Pathology as a part of medicine and medical practice. Cell adaptation, cell damage and cell death. Brief information: environmental pathology and nutritional disorders. Acute and chronic inflammation. Brief information: regeneration, healing and fibrosis. Circulatory disorders, thromboembolic disease and shock. Principles of heart failure, morphology of circulatory failure. Brief information: Innate and acquired immunity, immunopathological processes. Oncopathology. Brief information: genetic disorders. Introduction to special (systemic) pathology. Pathology of the blood vessels and heart. Erythrocyte disorders and haemorrhagic conditions. White blood cell disorders, lymph node diseases, spleen and team. Pathology of the respiratory system. Pathology of the gastrointestinal system (orofacial pathology forms the syllabus in the summer term). Pathology of the liver, biliary tract and pancreas. Pathology of the urinary system. Brief outline of dermatopathology. Pathology of the female and male reproductive system. Brief outline of pathology of the mammary gland and pregnancy. Pathology of the endocrine system. Brief outline of the pathology of bones, joints and soft parts. Pathology of the central and peripheral nervous system. Brief outline of the pathology of muscles. Reserve.	
Recommended literature: Jurkovič, I., Šimko, M. Patologická anatómia pre stomatológov I., II., UPJŠ Košice, 1985 Liška, K. Orofaciální patologie. Praha : Avicenum, 1983 Zaviačič a kol.: Kompendium patológie, 1. diel, Všeobecná patológia a onkopatológia, UK Bratislava, 2002 Zaviačič a kol.: Kompendium patológie, 2. diel, Špeciálna patológia, UK Bratislava, 2002 Mírejovský P., Bednář B.: Obecná patologie, Karolinum, Praha, 1994	

<p>Kolektiv autorů: Speciální patologie, Patologie oběhového, krevního, mízního a dýchacího ústrojí, Karolinum, Praha, 1995</p> <p>Kolektiv autorů: Speciální patologie, II. díl, Karolinum, Praha, 1997</p> <p>Kolektiv autorů: Speciální patologie, III. Díl, Karolinum, Praha, 1999</p> <p>Kumar V, Abbas AK, Fausto N, Robbins SL, Cotran RS: Robbins and Cotran pathologic basis of disease, 7th edition, Elsevier/Saunders, Philadelphia, 2005</p> <p>Brozman, M., Ondruš, B.: Úvod do histopatológie, Osveta, Martin, 1976</p> <p>Böör,A.,Jurkovič,I., Benický,M. and Havierová,Z.: Practical lessons in histopathology and methods in pathology, UPJŠ Košice, 2004</p>						
<p>Course language: slovak language</p>						
<p>Notes:</p>						
<p>Course assessment Total number of assessed students: 791</p>						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.24	0.13	7.21	13.27	15.8	9.23	0.13
<p>Provides: MUDr. Adam Nedoroščík</p>						
<p>Date of last modification: 23.03.2023</p>						
<p>Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.</p>						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UP/PA-ZL2/19	Course name: Pathological Anatomy 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 6.	
Course level: I.II.	
Prerequisites: UP/PA-ZL1/19	
Conditions for course completion: EN successful completion of the prerequisites (Pathological Anatomy 1), practical lessons, one written revision test, practical part – colloquium and final oral examination	
Learning outcomes: EN Acquiring thorough knowledge in the areas of special and orofacial pathology, mastering the histomorphological diagnosis of selected diagnoses and getting familiar with the macroscopic diagnosis of necropsy.	
Brief outline of the course: Patológia hemopoetického aparátu, patológia tráviacieho traktu, zubný kaz, pulpitída, apikálna periodontitída, rezorpcia a hypercementóza, patológia pečene, žlčníka a pankreasu, chronické poškodenia zubov nesúvisiace so zubným kazom, uropatológia, gingivitída a periodontitída, patológia ovárií a maternice, cysty čeľustí a mäkkých orofaciálnych tkanív, patológia gravidity, šestonedelia a mliečnej žľazy, odontogénne nádory a nádorom podobné zmeny v čeľustiach, patológia endokrinných žliaz, neodontogénne nádory čeľustí a rakovina v ústnej dutine, genetické, nemetabolické a iné nenádorové poruchy kostí, patológia pohybového aparátu, ochorenia temporomandibulárneho zhybu, patológia CNS, ochorenia slinných žliaz, dermatopatológia, ochorenia sliznice úst: stomatitídy, patológia novorodenca, ochorenia dutiny ústnej u novorodencov a detí, benígne chronické škvrny na ústnej sliznici	
Recommended literature: EN Mohan, H.: Textbook of Pathology, 6th ed., Jaypee Brothers, 2013, 933 p. Blichárová, A. et al.: Pathology part 2 (summer semester) – practical lessons for students of dental medicine, UPJŠ Košice, 2022, 56 p. Lectures	
Course language: EN – Slovak language	
Notes:	

Course assessment					
Total number of assessed students: 759					
A	B	C	D	E	FX
31.75	17.0	17.52	13.97	17.13	2.64
Provides: MUDr. Alžbeta Blichárová, PhD., MVDr. Pavel Kočan, PhD.					
Date of last modification: 07.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UPF/ PF-ZL1/15	Course name: Pathological Physiology 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 5.	
Course level: I.II.	
Prerequisites: UFZ/LF-ZL2/15	
Conditions for course completion: Prerequisite for registration: succesful completion of practical lessons from Pathological physiology I Prerequisite for completion: 2 credit tests, evaluation of knowledge and outputs in practical lessons (oral & written quizzes, presentations, 3 protocols, semestral work), 50% attendance in lectures, final exam	
Learning outcomes: The graduate acquires knowledge of the basic concepts of pathological physiology, health, disease and risk factors. Acquires knowledge in the field of physical, chemical, radiation causes of diseases, metabolic disorders, nutritional disorders, but also the role of immune factors and the immune system and its relationship to oral health.	
Brief outline of the course: 1.Health and disease, pathological states and processes, outcomes of diseases, symptomatology and syndromology 2.Etiology of the systemic diseases: genetic factors (genomic, chromosomal mutations & non-Mendelian inheritance), physical damage (burning injury, hypo-/hyperthermia), chemical and biological damage 3. Etiology of the dentition and oral cavity disorders – thermal, mechanical and chemical damage, oral microbial milieu 4.Nutritional factors (malnutrition, obesity), metabolic disorders, Nutrition and dentition – avitaminoses, caries Calcium and phosphate deficiencies, Trace elements, Disorders of water, electrolytes and acid-base balance 5.Acute and chronic inflammation, fever, multiple organ dysfunction, systemic stress- maladaptation, hypoxic-ischaemic damage, Allergies, autoimmunity and immunodeficiency manifestations in oral cavity - Carcinogenesis, systemic manifestation, diagnostics, common tumors in the oral cavity 6.Disorders of consciousness, pre-coma, coma, brain death, terminal states & illness	
Recommended literature: Beňačka R. Všeobecná patofyziológia: mechanizmy vzniku chorôb. ŠafárikPress, 2021.Košice,484 s. Rácz O. a kol.: Základy patologickej fyziológie. Aprilla s. r. o., Košice, 2006 Nečas E. a kol.: Obecná patologická fyziologie. Karolinum Praha, 2002 Nečas E. a kol.: Patologická fyziologie orgánových systémů I, II. Karolinum Praha Hulín I. a kol.: Patofyziológia. Slovak Academic Press Bratislava, 2009, 7. vyd.	

Rokyta R. a kol.: Fyziologie a patologická fyziologie, Grada Publishing, 2015						
Course language:						
Notes:						
Course assessment Total number of assessed students: 798						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.39	4.39	21.3	16.04	3.38	0.25	0.25
Provides: doc. MUDr. Roman Beňačka, CSc., MVDr. Eva Lovásová, PhD., MUDr. Eva Sedláková, PhD., MUDr. Marek Brenišin, PhD., MVDr. Jaroslava Nováková, PhD., Mgr. Daniela Szabóová, MUDr. Lenka Šalamonová Blichová, PhD., prof. MUDr. Mária Pallayová, PhD.						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UPF/ PF-ZL2/15	Course name: Pathological Physiology 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 6.	
Course level: I.II.	
Prerequisites: UPF/PF-ZL1/15	
Conditions for course completion: Prerequisite for registration: succesful completion of practical lessons from Pathological physiology I Prerequisite for completion: 2 credit tests, evaluation of knowledge and outputs in practival lessons (oral & written quizzes, presentations, 3 protocols, semestral work), 50% attendance in lectures, final exam	
Learning outcomes: The graduate acquires knowledge in the field of pathogenesis and clinical course of diseases with an emphasis on the specifics of dental medicine - diseases of the oral cavity as a manifestation of other diseases of the body.	
Brief outline of the course: 1. Pathophysiology of the respiratory system (asthma, pulmonary edema, breathing disorders during sleep). 2. Valvular defects, congenital heart defects. 3. Heart failure. Atherosclerosis, CAD. 4. Regulation of blood pressure, hypertension. 5. Risk factors and clinical manifestations of CHD. Dysrhythmias. Heart attack. 6. Hematology - anemia. Blood clotting disorders. 7. NS- Disorders of metrics, sensitivity, pain. Degenerative and demyelinating diseases of NS. 7. Epilepsy. 8. Diabetes mellitus and acute complications. Diabetes mellitus. DCCT and prevention of chronic complications. Compensation control and modern principles of therapy. 9. Digestive tract – oral cavity, tooth decay, esophagus. 10. Kidney pathophysiology. 11. Ulcer disease. Endocrinology. Thyroid gland, adrenal glands, parathyroid glands.	
Recommended literature: Beňačka R a kol.: Všeobecná patofyziológia: mechanizmy vzniku chorôb. ŠafárikPress, Košice 2021, 484s. Rácz O. a kol.: Základy patologickej fyziológie. Aprilla s. r. o., Košice, 2006 Nečas E. a kol.: Obecná patologická fyziologie. Karolinum Praha, 2002 Nečas E. a kol.: Patologická fyziologie orgánových systémů I, II. Karolinum Praha, 2003 Hulín I. a kol.: Patofyziológia. Slovak Academic Press Bratislava, 2009, 7. vyd. Rokyta R. a kol.: Fyziologie a patologicka fyziologie, Grada Publishing, 2015	
Course language:	

Notes:					
Course assessment					
Total number of assessed students: 762					
A	B	C	D	E	FX
21.92	27.56	21.92	15.75	10.1	2.76
Provides: doc. MUDr. Roman Beňačka, CSc., MVDr. Eva Lovásová, PhD., MUDr. Eva Sedláková, PhD., MVDr. Jaroslava Nováková, PhD., MUDr. Lenka Šalamonová Blichová, PhD., MUDr. Marek Brenišin, PhD., Mgr. Daniela Szabóová, prof. MUDr. Mária Pallayová, PhD.					
Date of last modification: 24.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/P-ZL1/15	Course name: Periodontology 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: SK/KZL-ZL3/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive periodontal examination - 7 patients Diagnosis and therapy of diseases of the oral mucosa 3 Diagnosis and therapy of aphthous infections in the oral cavity 3 Diagnosis and therapy of xerostomia 3 Diagnosis and local treatment of general diseases with manifestations on the oral mucosa 3 Removal of tartar - 10 patients Local treatment of gingivitis and periodontitis - 20 patients Description of X-ray - 10 images Assistance with gingivectomy, frenulectomy, vestibuloplasty and apical lobe displacement - 3 patients Polishing the surface of the teeth - 3 patients Instruction on oral hygiene - 10 patients Writing a medical report - 3 patients Control after surgery - 3 patients	
Learning outcomes: The student acquires theoretical knowledge about the etiopathogenesis of plaque, the development of gingivitis and periodontitis, and practically participates in the diagnosis and treatment of periodontal inflammation. The importance of oral hygiene to the patient and instructs him on the correct method of cleaning the teeth. Participates in determining the treatment plan.	

Brief outline of the course: Classification of periodontal diseases. Etiopathogenesis of periodontopathies - determinants, local and general risk factors. Clinical picture of acute and chronic gingivitis. Clinical and x-ray picture of periodontitis and differences between individual species. Treatment plan for periodontal diseases: conservation phase of treatment, maintenance phase of treatment. Surgical methods of treating periodontal diseases: indications and contraindications.						
Recommended literature: Etiopatogeneze parodontitid a jejich vztah k systémovým onemocněním CZ Michal Straka · Vydavatel'stvo: StomaTeam, 2016 Zuzana Weberová a Chaitra Ramanathan · Vydavatel'stvo: RNDr. František Skopec, 2008 Preklinická parodontologie CZ Tomáš Siebert, Parodontológia I., VYDAVATEĽSTVO Univerzita Komenského Bratislava, 2020 Siebert, T., Parodontológia II., 2021, Kód: 41330584 Muller, H.P., Parodontologie, 2012, Kód: 41330584 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 780						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
52.31	32.69	10.13	3.59	0.9	0.38	0.0
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Jarmila Chrenková, PhD., MDDr. Zuzana Drotárová, PhD., MHA, doc. MUDr. Silvia Timková, PhD., MHA, MUDr. Eva Janitorová, PhD., MDDr. Vladislava Šaková, MDDr. Zdenka Lučivjanská, MUDr. Andrea Vödrösová, MDDr. Adriána Mičková, MDDr. Jana Kluknavská, PhD.						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/P-ZL2/22	Course name: Periodontology 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites: SK/P-ZL1/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. Fulfillment of practical minimums: <ol style="list-style-type: none"> 1. Comprehensive periodontal examination - 3 patients 2. Removal of calculus - 10 patients 3. Local treatment of gingivitis and periodontitis - 15 patients 4. Description of X-ray - 10 images 5. Assistance with gingivectomy, frenulectomy, vestibuloplasty and apical lobe displacement - 2 patients 6. Polishing of the tooth surface - 3 patients 7. Instruction on oral hygiene - 10 patients 8. Writing a medical report - 10 patients 9. Control after surgery - 2 patients 	
Learning outcomes: The graduate independently participates in the diagnosis and determination of the periodontological treatment plan, assists in surgical treatment. Acquires knowledge in the field of patient care management after surgical treatment. It explains the meaning of recall.	
Brief outline of the course: Periodontitis treatment plan. Surgical treatment: indications and contraindications. Division of surgical methods - primary, secondary and tertiary methods of treatment. Management of patient care after surgical treatment. Local and general medicinal treatment of periodontal diseases.	

Mechanotherapy. Traumatic occlusion – diagnosis, principles of articulation adjustment. Principles and indications of prosthetic treatment in patients with periodontal disease. The meaning of recall.					
Recommended literature: Müller, Hans-P., Parodontologie, 2012, Thieme, Stuttgart, Kód: 41784056 Siebert, T., Parodontológia I., 2020, Univerzita Komenského, ISBN: 978-80-8187-077-4 Siebert, T., Parodontológia II., 2021, Univerzita Komenského, ISBN 9788081870989 Classification Of Periodontal Diseases Boróka Dr. Csifó-Nagy Department of Periodontology Semmelweis University 2017, Newman and Carranza's Clinical Periodontology Autor Michael G. Newman, Henry Takei, Perry R. Klokkevold, Fermin A. Carranza Elsevier - Health Sciences Division 2018, Professional, scientific and domestic foreign magazines and books.					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 777					
A	B	C	D	E	FX
58.17	21.75	14.54	3.47	2.06	0.0
Provides: MUDr. Jarmila Chrenková, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Vladislava Šaková, MUDr. Eva Janitorová, PhD., MDDr. Zdenka Lučivjanská, MUDr. Andrea Vödrösová					
Date of last modification: 20.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/P-ZL3/22	Course name: Periodontology 3
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 11s / 66s Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites: SK/P-ZL2/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: - Comprehensive periodontal examination - 7 patients Diagnosis and therapy of diseases of the oral mucosa 3 Diagnosis and therapy of aphthous infections in the oral cavity 3 Diagnosis and therapy of xerostomia 3 Diagnosis and local treatment of general diseases with manifestations on the oral mucosa 3 Removal of tartar - 10 patients Local treatment of gingivitis and periodontitis - 20 patients Description of X-ray - 10 images Assistance with gingivectomy, frenulectomy, vestibuloplasty and apical lobe displacement - 3 patients Polishing the surface of the teeth - 3 patients Instruction on oral hygiene - 10 patients Writing a medical report - 3 patients Control after surgery - 3 patients	
Learning outcomes: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Final test with a minimum assessment of knowledge at the level of 60% in the relevant semester. List of performances during clinical practice: - Comprehensive periodontal examination - 7 patients	

Diagnosis and therapy of diseases of the oral mucosa 3
 Diagnosis and therapy of aphthous infections in the oral cavity 3
 Diagnosis and therapy of xerostomia 3
 Diagnosis and local treatment of general diseases with manifestations on the oral mucosa 3
 Removal of tartar - 10 patients
 Local treatment of gingivitis and periodontitis - 20 patients
 Description of X-ray - 10 images
 Assistance with gingivectomy, frenulectomy, vestibuloplasty and apical lobe displacement - 3 patients
 Polishing the surface of the teeth - 3 patients
 Instruction on oral hygiene - 10 patients
 Writing a medical report - 3 patients
 Control after surgery - 3 patients

Brief outline of the course:

Etiology of stomatitis and distribution. Bacterial and viral stomatitis. Keratotic and non-keratotic white areas, precancers of the oral cavity. Principles of treating high-risk patients and patients requiring special care: etiopathogenesis, clinical picture, methods of treatment and the importance of recall (diabetes mellitus, cardiovascular diseases, patients treated with immunosuppressants, patients after organ transplantation, oncology patients). Changes in the tissues of the oral cavity during pregnancy, the necessity of the quality of oral health before and during pregnancy, the risk of focal infection during pregnancy for the fetus, the risks of treatment in the oral cavity during pregnancy. Manifestations of HIV in the orofacial area, diagnosis, differential diagnosis. Main principles and principles of treating patients in the orofacial area, the importance of oral hygiene, treatment of tooth decay, periodontal disease, care of oral mucous membranes and salivation. Specific inflammations and their manifestations in the oral cavity, treatment and treatment principles. Professional ethics and ethical standards in relation to patients, staff and colleagues.

Recommended literature:

Timková, S. a kolektív : Ochorenia jazyka, 2016, ISBN 978-80-88900-88-7
 Ďurovič, E. Orálna medicína 2020, ISBN 978-80-89694-62-4
 Ďurovič, E. Atlas chorôb slizníc ústnej dutiny a jazyka, 2021, ISBN 978-80-89694-85-3
 Slezák, R., Dřížhal, I.: Atlas chorôb ústni sliznice, 2004, ISBN 80-903181-5-0
 Professional, scientific and domestic foreign magazines and books.

Course language:

english

Notes:

Course assessment

Total number of assessed students: 735

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
48.16	40.95	8.84	1.77	0.14	0.0	0.14

Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Jarmila Chrenková, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MDDr. Vladislava Šaková, MUDr. Andrea Vödrösová, MDDr. Zdenka Lučivjanská, MUDr. Eva Janitorová, PhD., MDDr. Jana Kluknavská, PhD., MDDr. Eleonóra Ivančová, PhD., MHA, MDDr. Branislav Borza, PhD., MUDr. Vladimíra Schwartzová, PhD., MPH, MDDr. Zuzana Kotuličová

Date of last modification: 20.03.2023
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: UFR/FA-ZL1/15		Course name: Pharmacology 1				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present						
Number of ECTS credits: 3						
Recommended semester/trimester of the course: 5.						
Course level: I.II.						
Prerequisites: UFZ/LF-ZL2/15						
Conditions for course completion: test obtaining credits						
Learning outcomes: An understanding of pharmacology to an appropriate extent is required of the dentist for the safety of dental practice. Students need to be informed about the sources of information about medicines and their effects in the body, rather than learning too much detail and memorizing lists of active substances. Be able to prescribe a prescription for commonly used drugs.						
Brief outline of the course: Prescribing of drugs in different dosage forms , basics of general pharmacology (pharmacokinetics, pharmacodynamics), factors influencing the drug effect related to the drug and the organism; routes of administration. Special pharmacology: parasympatricotropic and sympathicotropic agents; myorelaxants and ganglioplegics. CNS-affecting substances -psychopharmaceuticals, hypnosedatives, antiepileptics, antiparkinsonics. General anaesthetics, premedication before general anaesthesia; pain relievers - opioid analgesics, analgesics - antipyretics, antiphlogistic agents, local anaesthetics.						
Recommended literature: Kohút A., Mirossay L.: Všeobecné základy účinku liečiv, Vyd. Michala Vaška, 1999 Mojžiš J., Kohút A., Mirossay L.: Základy farmakológie, Vydavateľstvo Michala Vaška, 2000 Mirossay, Mojžiš a kol. Základná farmakológia a farmakoterapia, druhé vydanie. Equilibria, 2021						
Course language: slovak language						
Notes:						
Course assessment Total number of assessed students: 795						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
70.44	12.33	12.33	3.77	0.75	0.13	0.25

Provides: prof. MVDr. Ján Mojžiš, DrSc., RNDr. Matúš Čoma, PhD., prof. MUDr. Ladislav Mirossay, DrSc., RNDr. Andrej Miroššay, PhD., RNDr. Peter Gál, DrSc., MBA, Mgr. Simona Žiláková, Mgr. Kristína Danková

Date of last modification: 24.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: UFR/FA-ZL2/16		Course name: Pharmacology 2			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 6.					
Course level: I.II.					
Prerequisites: UFR/FA-ZL1/15					
Conditions for course completion: test skúška					
Learning outcomes: To provide students with a comprehensive introduction to the fundamental Pharmacology and uses of the major classes of drugs currently used in medical practice.					
Brief outline of the course: Drugs affecting cardiovascular system and blood including cardiac glycosides, antianginal drugs, antidysrhythmic drugs, diuretics, antihypertensive drugs, lipid-lowering drugs. Drugs affecting hemostasis (anticoagulants, antiaggregatory drugs), antianemic drugs. Mechanism of action of antibiotics, resistance, classification. Penicillins. Penicillins with broader spectrum. Cephalosporins. Aminoglycosides. Tetracyclines. Macrolides, lincosamides. Sulphonamides and quinolones. Antistaphylococcal antibiotics. Antimycobacterial agents. Antiviral and antifungal drugs. Antiprotozoal and anthelmintic drugs. Antibiotics in dental practise. Antithyroid drugs. Steroids, androgens. Oral contraceptives. Corticosteroids. Antidiabetic drugs. Drug influencing of plasmatic calcium concentration. Treatment of drug poisoning. Drug interaction.					
Recommended literature: Whalen K et al.: Lippincott Illustrated Reviews: Pharmacology 7th edition, 2019 Ritter JM et al.: Rang & Dale's Pharmacology, 2019					
Course language:					
Notes:					
Course assessment Total number of assessed students: 821					
A	B	C	D	E	FX
16.81	19.85	23.14	15.59	20.46	4.14
Provides: prof. MVDr. Ján Mojžiš, DrSc., prof. MUDr. Ladislav Mirossay, DrSc., RNDr. Matúš Čoma, PhD., RNDr. Andrej Miroššay, PhD., Mgr. Viktória Háziková, Mgr. Simona Žiláková					

Date of last modification: 02.09.2021
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KFBLR/F-ZL/18	Course name: Physiotherapy
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: UP/PA-ZL2/19 and UPF/PF-ZL2/15	
Conditions for course completion: https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/ Prerequisites: Successful completion of the interim study checks and the final exam. Continuous assessment (test, independent work): written test Final assessment (exam): exam, grade A, B, C, D, E, FX. The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.	
Learning outcomes: The student knows the basics of functional myoskeletal examination in the orofacial system, is able to practically apply neuromuscular and mobilization techniques in the field, knows the mechanisms of action of physiotherapeutic procedures and the basics of the application of methodologies.	
Brief outline of the course: Modern aspects of physiotherapy and complex rehabilitation. Definition and distribution of physical therapy resources. Effects, indications, contraindications. Examination of the patient and assessment of functions for the purpose of rehabilitation treatment . Movement therapy, mechanotherapy, electrotherapy, phototherapy, thermotherapy. Principles of soft and mobilization techniques Physiotherapeutic agents by type of energy used and therapeutic objectives. Mobilization and soft techniques in the orofacial area. Fundamentals of kinesiology of the temporomandibular joint, temporomandibular joint and cervicocranial transition Postisometric relaxation in the orofacial area . Application of neurophysiological methodologies Rehabilitation of complications after tooth extraction. Rehabilitation in orofacial traumatology Rehabilitation in soft tissue injuries of the orofacial area Basic principles and procedures of rehabilitation. Rehabilitation in injuries of the facial bones, zygomaticomaxillary complex and orbit. Basic principles and procedures of rehabilitation	
Recommended literature: KOLÁŘ, P. a kol.: Rehabilitace v klinické praxi, Galén, Praha, 2009, ISBN 2720-18-02-03. Navrátil L. a kol. Fyzikální léčebné metody pro praxi , 2019 Beumer, J., Marunick M.T., Esposito S. J. Maxillofacial rehabilitation. 2011, Quintessence Pub	

Co; 1 edition, 468 pages, ISBN-13: 978-086715498					
Course language:					
Notes:					
Course assessment Total number of assessed students: 421					
A	B	C	D	E	FX
90.74	9.03	0.24	0.0	0.0	0.0
Provides: doc. MUDr. Peter Takáč, PhD., univerzitný profesor, MUDr. Anna Kubincová, PhD., doc. PhDr. Viliam Knap, PhD., MHA, MPH, prof. et doc. PhDr. Magdaléna Hagovská, PhD., MPH					
Date of last modification: 07.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/ LFPAJ/11	Course name: Presentations in English
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3., 5., 7.	
Course level: I., I.II.	
Prerequisites:	
Conditions for course completion: Active participation in class, completed homework assignments, two missed classes at the most (i.e. two 45 minute classes). 3 verbal presentations (a brief presentation of a product/person - 30%, a conference presentation - 40%, and a patient presentation - 30%). Final evaluation = the average obtained Final exam = test. Final grade will be calculated as follows: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.	
Learning outcomes: Students extend the knowledge of medical English vocabulary and acquire skills for preparing and delivering different types of oral presentations in medical context.	
Brief outline of the course: Types of presentations Language of presentations Conference presentations Structure of presentations Presentation of data Graphs and figures Case presentation Doctor's ward round	
Recommended literature: Glendinning, E. H.- Howard, R.: Professional English in Use – Medicine. CUP, 2007. McCarthy, M., Felicity O'Dell: English Vocabulary in Use, Advanced. CUP, 2002. Williams, Erica J.: Presentations in English. MacMillan, 2008. Powel, M.: Dynamic Presentations. CUP, 2010. Armer, T.: Cambridge English for Scientists. CUP, 2011.	
Course language: English language (B1, B2 level according to CEFR)	

Notes:					
Course assessment					
Total number of assessed students: 22					
A	B	C	D	E	FX
86.36	9.09	0.0	0.0	4.55	0.0
Provides: Mgr. Viktória Mária Slovenská					
Date of last modification: 11.03.2022					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PreZL-ZL/22	Course name: Preventive Dental Medicine
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 5.	
Course level: I.II.	
Prerequisites: SK/PZL-ZL4/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: The graduate acquires knowledge and understanding of primary, secondary and tertiary prevention methods. . It develops psychomotor skills by examining directly in the oral cavity - students interact with each other and thus acquire the first basics of examining hard dental tissues and periodontal diseases using standardized WHO methodologies. Students learn the basics of accurate and targeted documentation.	
Brief outline of the course: Definition of oral health and prevention. Work in a dental clinic. Working positions of the dentist, dental assistant and patient in different areas of the oral cavity. Principles of prevention of transmission of infection in the outpatient clinic. Content of extra and intraoral examination of the patient. Saliva, main functions and composition - examination of saliva. Anamnesis and its importance in treating patients. Tissues of the periodontium. Gingiva. WHO periodontological probe. Frenulum labii and accessory frenulum (lateralis) – clinical anatomy and examination of attachment, its etiopathogenesis in the etiology of periodontal diseases. Plaque: definition, composition and its etiopathogenesis in the occurrence of diseases of the oral cavity. Plaque detection. Plaque index. Pathology of sulcus gingivalis. Bleeding during examination of sulcus g., BoP, Recessus gingivalis, loss of attachment, classification of root furcations. Tooth mobility, basic occlusal diagnostics and basic sled movements. Vitality of the tooth. Dental caries, definition, diagnosis. Stains, enamel, enamel hypoplasia. DMF – T, DMF – S, dmf-t , dmf-s. Radiological diagnosis of dental caries. Radiological decay index DMF-S. PBI, CPITN. Importance of oral	

hygiene for oral health, patient motivation and instruction. Ensuring optimal oral hygiene with regard to BoP and PBI values. Tartar. Initial determination of individual prophylaxis. Professional teeth cleaning. Reconstruction and polishing of restorations to remove marginal irritations. Local methods of dental fluoridation.					
Recommended literature: Hardy, L. a kolektiv Preventivní stomatologie, 2017, Grada, Kód: 41784056 Markovská, N., Janitorová, E., Preventívne zubné lekárstvo 1, 2014, Univerzita Pavla Jozefa Šafárika v Košiciach, ISBN 9788081521935 Kovaľová, E., Orálna hygiena II., III, 2010, AkcentPrint, Kód: 41784056 Kovaľová, E., Novák, B., Orálna hygiena V., 2010, AkcentPrint, ISBN: 978-80-8929-539-5 Professional, scientific and domestic foreign magazines and books.					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 796					
A	B	C	D	E	FX
53.14	20.85	14.95	6.28	4.02	0.75
Provides: MUDr. Adriána Petrášová, PhD., MUDr. Jarmila Chrenková, PhD., MUDr. Eva Janitorová, PhD., MDDr. Barbara Petrišin Rudová, MUDr. Margaréta Tamášová, PhD., MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Jana Kluknavská, PhD., MDDr. Simona Svatková, doc. MUDr. Silvia Timková, PhD., MHA, MDDr. Natália Sokolová, MDDr. Nad'a Homzová, MDDr. Mária Futejová, MDDr. Vladislava Šaková, MDDr. Natália Gerdová					
Date of last modification: 20.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/PM-ZL/22	Course name: Preventive Medicine
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars. - To get at least 60 % of total score for ongoing review of written test or the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises	
Learning outcomes: The graduate acquires knowledge in the field of prevention in cardiology, the field of obesity prevention, and metabolic syndrome. Acquires knowledge in the field of infectious disease prevention and tumor prevention.	
Brief outline of the course: Preventive medicine, definition, organization, education, public health. Physical exercise – how much is too much. Prevention of obesity, nutrition. Preventive cardiology. Metabolic syndrome as a cardiovascular risk factor. Cancer – epidemiology, statistics, prevention. Prevention of Internal diseases from the perspective of patients with dental diseases. The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature: Dzurenková, D., Marček, T., Hájková, M.: Essentials of Sports Medicine. Bratislava: CU, 2000., 22 pp. 2000 Marček, T. et al.: Sports Medicine (Manual of Practical Sports Medicine). Bratislava: CU, 1995. 76 p. 1995 Harries, M., Williams, C., Stanish, W.D., Micheli, L.J.: Oxford Textbook of Sports Medicine. Oxford: Oxford University Press, 1994. 748 p 1994 Thomas P. Gullotta and Martin Bloom Encyclopedia of Primary Prevention and Health Promotion 2014	

David L. Katz,Ather Ali - IOM: Preventive Medicine, Integrative Medicine and the Health of the Public 2009						
Course language: slovak						
Notes: The subject Preventive Medicine is provided only in the summer term.						
Course assessment Total number of assessed students: 81						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	96.3	3.7	0.0	0.0	0.0	0.0
Provides: MUDr. Ivan Majerčák, MPH, prof. MUDr. Daniel Pella, PhD., MUDr. Peter Horváth, doc. MUDr. Štefan Tóth, PhD., MBA, doc. MUDr. Viola Vargová, PhD., doc. MUDr. Sylvia Dražilová, PhD.						
Date of last modification: 14.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ OPX-ZL1/22	Course name: Professional Clerkship 1
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 80s Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 4.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: earning credits based on performances 1. Preparation of a dental set and an ambulance for a dentist's daily practice. 2. Application of hygiene regulations in the dental clinic. Hygiene of the dental set, dental chair, disinfection and sterilization of instruments. 3. Preparation of instruments and hygiene of the dental set and chair for individuals patients. 4. Practical principles of disinfection and sterilization. 5. Preparation and mixing of various dental materials – temporary, underlay and permanent filling materials. 6. Preparation of local anesthetic before administration of local anesthesia. Preparation instruments for tooth extraction and dentoalveolar surgical procedures. 7. Preparation of impression materials, mixing techniques and principles, impression transport to dental technology. 8. Preparation and recording of the patient's medical documentation.	
Learning outcomes: The graduate will acquire practical skills in handling dental equipment. He will become familiar with complete instrumentation, principles of sterilization and disinfection. Participates in the preparation of materials used in dentistry and acquiring knowledge while assisting procedures in the dental clinic.	
Brief outline of the course: Preparation of the dental clinic for daily operation: preparation of instruments, materials, local anesthesia. Disinfection and sterilization of instruments. Basics of keeping medical records, preparing the surgical table for operations. Hygienic cleaning of the dental clinic according to the prescribed weekly schedule. As part of the work in the inpatient department: care of the patient's oral cavity, administration of medications, basics of nursing documentation, serving food to patients	
Recommended literature:	
Course language: english	

Notes:						
Course assessment						
Total number of assessed students: 731						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Provides:						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ OPx-ZL2/22	Course name: Professional Clerkship 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 120s Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 6.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: earning credits based on performances 1. Casting anti-bite and study impressions with plaster II. type – 5x. 2. Casting and processing impressions with extendable pins (PIN-DEX system) - plaster III. and IV. type - at least 2x in cooperation with a dental technician. 3. Modeling simpler pillar constructions from wax and cementing them - method of lost wax in cooperation with a dental technician (minimum 2x), casting of models. 4. Faceting of cast and machined fixed crowns and bridges with special resins (K+B, photocomposite systems) under the guidance of a dental technician (minimum 1x). 5. Processing and polishing of finished fixed works before handing over to the patient (minimum 3 times). 6. Duplication of models (including unblocking of underrunning spaces) during production ČSN (minimum 1x). 7. Preparation of shellac plates and wax rolls as part of the work procedure in the removable room prosthetics (minimum 2x). 8. Work with an articulator - fixing working models, building teeth at ČSN and TN (at least 2x). 9. Laboratory completion of restorations - cuvetization of wax restorations, washing out of wax, resin dough pressing, polymerization, processing and polishing of finished ČSN and TN (minimum 1x ČSN and 1x TN). The listed 9 basic laboratory procedures are mandatory Other - optional laboratory procedures according to the level of laboratory equipment include metal ceramics, ceramics of the Zircon and Turkom-Cera type, vertical and horizontal retention ČSN systems (plug-in joints, support calipers, telescopic crowns), preliminary and definitive analysis of models in the planning and construction of ČSN with a metal frame, repairs fixed and removable restorations, atypical solutions of total restorations (hybrid restorations) and similarly in a demonstration form.	
Learning outcomes:	

The graduate will gain practical knowledge and verify theoretical knowledge in the dental technology clinic, get to know the work of dental technicians and master individual work procedures in the production of all types of dental prostheses.						
Brief outline of the course: Organization of work in a dental laboratory, principles and function of individual devices. Casting plaster casts, processing plaster models. Modeling of individual types of crowns and bridges. Sealing to the core. Processing of metal structures, bridges. Work procedures for partially removable and total restorations. The importance of working with different types of articulators for high-quality dental restorations. Definitive processing of partial and total removable restorations.						
Recommended literature:						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 743						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
99.87	0.0	0.0	0.0	0.0	0.0	0.13
Provides:						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ OPx-ZL3/22	Course name: Professional Clerkship 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 120s Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites: SK/DZL-ZL2/22 and SK/DCH-ZL3/15 and SK/CO-ZL2/22 and SK/KZL-ZL4/09 and SK/P-ZL2/22 and SK/PrZL-ZL4/15	
Conditions for course completion: test, finished modeling according to the practical minimum getting credits 1. Comprehensive examination of the patient: anamnesis, examination of dental status and determination of KPE index, CPITN, PBI, determination of maxillo-orthopedic anomalies of tooth position, oncological examination of the oral cavity and dental position anomalies, oncological examination of the oral cavity 2. Instruction and motivation of patients about oral hygiene with subsequent control 3. Removing tartar, polishing the surface of the teeth 4. Conservative treatment of chronic gingivitis 5. Forms of local prevention of tooth decay 6. Making fillings in I., II., III. and V. Black's class, amalgam treatment, glass ionomer cement, photocomposite 7. Direct and indirect coverage of the dental pulp 8. Treatment of dental pulp hyperemia, partial pulpitis 9. Extirpation, anesthetization of the dental pulp in frontal teeth and root canal treatment canal and making a root filling 10. Administration of individual types of local anesthesia in the oral cavity 11. Simple tooth extractions 12. Treatment of post-extraction complications 13. Conservative treatment of dentitio difficilis 14. Resection of the root tip - assistance 15. Indications for intraoral incision – practical implementation and subsequent treatment 16. Fabrication of all types of mantle crowns, aesthetic crowns for vital ones teeth 17. Fabrication of the stud superstructure 18. Fabrication of flushing and simple contact bridges 19. Fabrication of removable partial dentures with dentomucosal transfer of masticators strength	

20. Making total compensations						
Learning outcomes: The graduate expands his practical experience and independently performs basic tasks in the practice of a practical dentist, including practice management, reporting and health insurance companies. The student works at the chair, under the expert guidance of the dentist. He treats patients in the framework of conservative dentistry, prosthetic dentistry and dentoalveolar surgery.						
Brief outline of the course: Application of methods of primary prevention of tooth decay and periodontal disease. Treatment of dental caries and dental pulp in adult and pediatric patients. – indication and diagnosis. Diagnosis of gingivitis and periodontitis, determination of treatment plan, conservation treatment of periodontal disease. Prosthetic treatment of teeth with simple fixed bridges, partial and total removable replacements. Simple tooth extractions. Conservative treatment of dentitio difficilis. Diagnosis and therapy, complications during and after tooth extraction. Dentist practice management system, reporting, ensuring workplace hygiene.						
Recommended literature:						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 381						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Provides:						
Date of last modification: 24.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PZL-ZL1/22	Course name: Propedeutics of Dental Medicine 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: The graduate of the subject will understand the nomenclature in dentistry. By completing the subject, the student acquires detailed information about the morphology of permanent and temporary dentition. He will become familiar with the differences between permanent and primary teeth. Completing the course contributes to the development of manual skills by modeling teeth from various materials - chalk, wax.	
Brief outline of the course: Development of dentistry. Specialization in dentistry. Contents of the propaedeutics of dentistry subject. The equipment is fantastic. Orientation on the tooth, on the dental arch and in the oral cavity, orientation planes. Basic composition of tooth tissues and tooth morphology. Detailed morphology of permanent and deciduous teeth. Anatomical differences between deciduous and permanent dentition. Anatomy of periodontal tissues. Dentition as a whole, basic prosthetic points and planes, mutual relationship of dental arches. Arrangement of teeth in the dental arch, frontal and distal section.	
Recommended literature: Mazánek, J., a kolektiv: Zubní lékařství Propedeutika 2014 Angus, C., Cameron, I., Richard, P.,:Handbook of Pediatric Dentistry. Elsevier Health Sciences 2021, Banerjee, Watson: Pickard's Manual of Operative Dentistry, 2011, Oxford University Press ISBN-13: 978-0199579150	

Scheid R.C.: Woelfel's Dental Anatomy: Its Relevance to Dentistry, 2011, Lippincott Williams & Wilkins, ISBN-13: 978-1608317462 Propedeutika Jiří Mazánek a kolektiv · Vydavatel'stvo: Grada, 2014 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 784						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.79	27.3	12.24	6.12	1.91	0.38	0.26
Provides: MUDr. Michaela Michalik, PhD., MPH, MBA, MUDr. Adriána Petrášová, PhD., MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Zuzana Slobodníková Švecová, MDDr. Dávid Kubica, MDDr. Martin Holló, MDDr. Sofia Mikolajová						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PZL-ZL2/22	Course name: Propedeutics of Dental Medicine 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 7	
Recommended semester/trimester of the course: 2.	
Course level: I.II.	
Prerequisites: SK/PZL-ZL1/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. Conditions for granting credit: 100% communication with the teacher. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. Exam	
Learning outcomes: The graduate of the course acquires basic theoretical knowledge and practical skills related to the basics of cariology. The student acquires basic skills in working with rotary tools. He will master the techniques of repairing hard dental tissues and can use the acquired theoretical knowledge when working on models and phantoms.	
Brief outline of the course: Conservative dentistry - content, goals, division into subspecialties. Instrumentarium. Caries dentis - simple characteristics of the disease, etiology, classification according to the course of localization. Classification of carious lesions according to Black. General principles of preparation of hard dental tissues. Cavity preparation according to Black class I-V. Anatomy of root canals. Principles of tooth trepanation. Instrumentarium. Root filling materials.	
Recommended literature: Klepáček, I., Mazánek, J.: Klinická anatomie pro stomatology, Grada, Avicenum, 2001, ISBN 80-7169-770-2 Hubálková Hana, Krňoulová Jana, Materiály a technologie v protetickém zubním lékařství, Galén, 2009, ISBN - 978-80-7262-581-9 Banerjee, Watson: Pickard's Manual of Operative Dentistry, 2011, Oxford University Press ISBN-13: 978-0199579150	

Scheid R.C.: Woelfel's Dental Anatomy: Its Relevance to Dentistry, 2011, Lippincott Williams & Wilkins, ISBN-13: 978-1608317462					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 378					
A	B	C	D	E	FX
42.86	29.37	15.87	7.94	3.44	0.53
Provides: MUDr. Michaela Michalik, PhD., MPH, MBA, MDDr. Jaroslav Ďurica, MUDr. Adriána Petrášová, PhD., MDDr. Vladislava Šaková, MDDr. Adriána Mičková, MDDr. Barbara Petrišin Rudová, MDDr. Juraj Bánovčin, PhD., MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Zuzana Kotuličová, MDDr. Lenka Soták Benedeková, MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Simona Fritzka					
Date of last modification: 20.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PZL-ZL3/15	Course name: Propedeutics of Dental Medicine 3
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 4 Per study period: 28 / 56 Course method: present	
Number of ECTS credits: 7	
Recommended semester/trimester of the course: 3.	
Course level: I.II.	
Prerequisites: SK/PZL-ZL2/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: The graduate of the course acquires detailed theoretical knowledge and practical skills related to endodontics and dental prosthetics. Understands the basic work procedure for making dental restorations. The graduate of the course will master the impression technique, and can use the acquired theoretical knowledge when working on models and phantoms.	
Brief outline of the course: Inlays and onlays. Basics of gnathology. Content of the prosthetic part of propaedeutics. The roles of dental prostheses and the importance of replacing missing teeth with prosthetic works. . Biological factor. Division and classification of dental defects - according to Wild Voldřich and according to Kennedy. Classification of prosthetic replacements and their biodynamics. Prosthetic instruments and devices used in the clinic used for making models in the laboratory. Devices for processing metal alloys. Preparation of teeth for crown replacements. Cast metal crown. Non-metallic crowns. Pivot superstructure. Work procedures for making a fixed bridge in the maxilla and mandible.	
Recommended literature: Banerjee, Watson: Pickard's Manual of Operative Dentistry, 2011, Oxford University Press ISBN-13: 978-0199579150 Scheid R.C.: Woelfel's Dental Anatomy: Its Relevance to Dentistry, 2011, Lippincott Williams & Wilkins, ISBN-13: 978-1608317462 Zeman, M., Krška, Z., kolektiv: Chirurgická propedeutika Grada, 2011 Mazánek. J., a kolektiv: Zubní lékařství Propedeutika 2014	

<p>Goran, K., Pediatric Dentistry. John Wiley & Sons 2016 Angus, C., Cameron, I., Richard, P., Handbook of Pediatric Dentistry. Elsevier Health Sciences 2021, Professional, scientific and domestic foreign magazines and books.</p>						
<p>Course language: english</p>						
<p>Notes:</p>						
<p>Course assessment Total number of assessed students: 787</p>						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
52.6	25.54	12.2	6.23	2.8	0.64	0.0
<p>Provides: MUDr. Michaela Michalik, PhD., MPH, MBA, MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Zuzana Slobodníková Švecová, MDDr. Lenka Soták Benedeková, MDDr. Naďa Homzová, MDDr. Simona Svatková, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Jaroslav Ďurica, MDDr. Mária Futejová, MDDr. Natália Sokolová, MUDr. Adriána Petrášová, PhD., MDDr. Sofia Mikolajová</p>						
<p>Date of last modification: 20.03.2023</p>						
<p>Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.</p>						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PZL-ZL4/15	Course name: Propedeutics of Dental Medicine 4
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 4 Per study period: 28 / 56 Course method: present	
Number of ECTS credits: 8	
Recommended semester/trimester of the course: 4.	
Course level: I.II.	
Prerequisites: SK/PZL-ZL3/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. Conditions for granting credit: 100% communication with the teacher. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: The graduate of the subject obtains comprehensive information about working procedures in the outpatient clinic and dental technology in the production of fixed and removable restorations within the framework of dental prosthetics. He acquires skills in the preparation of hard dental tissues within the framework of cariology and endodontics. Get acquainted with the basics of X-ray diagnostics. Understanding the principles of applying local anesthesia. Get familiar with surgical instruments and basic extraction techniques. He can use the acquired theoretical knowledge when working on models and phantoms.	
Brief outline of the course: Reception, translation, discharge of the patient, sterilization and disinfection, use of heat and cold. Monitoring of vital functions, monitoring of urine and stool emptying, administration of drugs, infusions and transfusions. Tooth replacements: fixed bridge, indications, work procedure, impression technique, structural elements of contact bridges, laboratory preparation. Removable replacements: classification, types. Partial removable replacements: division, description of structural elements. Office and laboratory work procedure. Total removable restoration: description of issues of retention and stability. Office and laboratory work procedure. Equipment and organization of work in a dental clinic. Work hygiene in the ambulance, security conditions. Filling of maxillofacial surgery. Terminology of surgical procedures. Surgical instruments – extraction forceps, extraction levers, general surgical instruments. Basic principles of local anesthesia.	

Principles of tooth extraction. Basic terminology in maxillofacial orthopaedics: anomalies of the position of the teeth in the dental arch - basic terminology, anomaly of the relative position of the dental arches of the jaws.					
Recommended literature: Hecová, H., Monhartová, K.: Morfologie zubu a kreslení a modelování zubu, 2008, Karolinum, ISBN 978-80-246-1586-8 Hubálková Hana, Krňoulová Jana, Materiály a technologie v protetickém zubním lékařství, Galén, 2009, ISBN - 978-80-7262-581-9 Klepáček, I., Mazánek, J.: Klinická anatomie pro stomatology, Grada, Avicenum, 2001, ISBN 80-7169-770-2 Banerjee, Watson: Pickard's Manual of Operative Dentistry, 2011, Oxford University Press ISBN-13: 978-0199579150 Scheid R.C.: Woelfel's Dental Anatomy: Its Relevance to Dentistry, 2011, Lippincott Williams & Wilkins, ISBN-13: 978-1608317462					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 752					
A	B	C	D	E	FX
40.03	24.47	18.09	8.51	7.05	1.86
Provides: MUDr. Michaela Michalik, PhD., MPH, MBA, MUDr. Adriána Petrášová, PhD., MUDr. Stanislav Andrejko, PhD., MUDr. Milan Bereš, PhD., MPH, MUDr. Marcela Šestáková, PhD., MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Zuzana Kotuličová, MDDr. Dominika Domonkošová, MDDr. Barbara Petrišin Rudová, MDDr. Filip Lukáč, MDDr. Zuzana Minarčíková, MDDr. Dominika Ivančáková, MUDr. Jana Kaiferová, PhD., MDDr. Lenka Soták Benedeková, MDDr. Simona Fritzká					
Date of last modification: 22.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PrZL-ZL1/22	Course name: Prosthetic Dentistry 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 6.	
Course level: I.II.	
Prerequisites: SK/PZL-ZL4/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive prosthetic treatment plan. 5 patients Indicated prosthetic procedure treatment: 5 patients evaluation of radiographs - 12 preparation of abutment teeth - 10 making impressions in fixed prosthetics - 7 Post and core (root inlays) 3	
Learning outcomes: The graduate applies the acquired knowledge from the division. and dental defects and subsequent treatment of these defects from previous years. Indicates subsequent prosthetic treatment in the patient. He will try the preparation for individual types of crowns and fixed bridges.	
Brief outline of the course: Classification of dental defects, biological factor, biological mechanism of transmission of masticatory forces. Management of prosthetic patient documentation. Analysis of dentition defects on plaster models. Fixed restorations, definition, basic concepts, general preparation principles, types of preparations. Crowns, types, indications, impression techniques. Pivot superstructures. Practical execution of post and core, crown and fixed bridge.	
Recommended literature: Restorative Dentistry EN Italian Ac · Vydavateľstvo: Mosby, 2011 Protetika III CZ 4., prepracované a rozšírené vydání Jörg Rudolf Strub a kolektív · Vydavateľstvo: Grada, 2016 Protetika I. CZ 4., prepracované a rozšírené vydání Kolektív autorov · Vydavateľstvo: Grada, 2015 Protetika II. CZ	

Kolektív autorov · Vydavateľstvo: Grada, 2016 Veneers EN Mini-invasive Reconstructions Attilio Sommella a Guerino Paolantoni · Vydavateľstvo: Teamwork Media, 2014 Atlas of prosthodontic treatmentEN Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 750						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
56.93	16.13	15.87	6.0	3.87	1.07	0.13
Provides: MUDr. Marcela Šestáková, PhD., MDDr. Nad'a Homzová, MUDr. Adriána Petrášová, PhD., MDDr. Katarína Tomová, MDDr. Filip Lukáč, MUDr. Petra Berešová, MDDr. Zuzana Krchová Nagyová, MDDr. Dominika Domonkošová, MDDr. Jakub Jánošík, MPH, MUDr. Andrej Jenča, PhD., MBA, Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PrZL-ZL2/15	Course name: Prosthetic Dentistry 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: SK/PrZL-ZL1/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive prosthetic treatment plan. 5 patients Indicated prosthetic procedure treatment: 5 patients evaluation of radiographs - 12 preparation of abutment teeth - 10 making impressions in fixed prosthetics - 7 Post and core (root inlays) 3	
Learning outcomes: The graduate will learn to comprehensively solve dental defects with fixed replacements - during practical exercises, with the help of a medical assistant, he will design the type of therapy, type of replacement, material and work procedure in the oral cavity with the cooperation of a technician in a dental laboratory	
Brief outline of the course: Biostatics and biodynamics of fixed bridges. Indications and contraindications for fixed bridges, abutment structures and intermediate members. Preparation principles and impression technique. Analysis of work models. Laboratory procedure. Test of the metal structure and choice of color. Delivery of fixed bridge. Atypical solutions in the indication of fixed bridges.	
Recommended literature: M. Tvrdoň, M. Kotráň, M. Čížmarovičová : Selected chapters from prosthetic dentistry, Science, 2011, ISBN: 9788097063276 Restorative Dentistry EN Italian Ac · Vydavateľstvo: Mosby, 2011	

Temporomandibular joint disease Dušan Hirjak and Vladimír Machoň · Publisher: Triton, 2014 Prosthetics III CZ 4th, revised and expanded edition Jörg Rudolf Strub and collective · Publisher: Grada, 2016 Prosthetics I. CZ 4th, revised and expanded edition Collective of authors · Publisher: Grada, 2015 Prosthetics II. CZ Collective of authors · Publisher: Grada, 2016 Professional, scientific and domestic foreign magazines and books.						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 792						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
53.54	19.57	14.52	7.32	3.28	1.64	0.13
Provides: MUDr. Marcela Šestáková, PhD., MDDr. Nad'a Homzová, MUDr. Petra Berešová, MDDr. Dominik Šarik, MUDr. Mária Eötvösová, PhD., MDDr. Zuzana Slobodníková Švecová, MDDr. Dominika Domonkošová, MDDr. Andrea Sinčák Konečná, PhD.						
Date of last modification: 22.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PrZL-ZL3/22	Course name: Prosthetic Dentistry 3
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 4 Per study period: 14 / 56 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: SK/PrZL-ZL2/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. Treatment procedures: Complex prosthetic treatment plan 10 pacientov Indication of prosthetic therapy 10 pacientov X-ray evaluation 15 Preparation of abutments 15 Impressions for fixed prosthetics 7 Working procedure of RPD and total removable denture 4 Impressions for removable dentures 5	
Learning outcomes: The graduate applies acquired knowledge in the field of indication of removable prostheses from previous years and tries to design, with the help of a medical assistant, a type of prostheses, its individual stabilizing and connecting elements, and to treat the patient with this prostheses.	
Brief outline of the course: Removable partial dentures with dental and dentomucosal transmission of masticatory forces, indications, characteristics, distribution. Anchoring and stabilizing and connecting elements in the jaw and sled, work procedure in the oral cavity and in the dental laboratory.	
Recommended literature: Deepak Nallaswamy, Textbook of Prosthodontics, Jaypee Brothers Medical Publishers ISBN: 2017, 9789351524441	

Yasemin K.Ozkan, Complete Denture Prosthodontics , Springer International Publishing AG , január 2019, ISBN: 3319690167
 Stephen F. & Martin F., Contemporary fixed prosthodontics, 2006, ISBN-10: 0-323-02874-8
 Herbert T. Shillingburg, Fixed Prosthodontics, 1997, ISBN0-86715-201-X
 George A. Zarb, Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported, 2003, ISBN 0-323-02296-0
 Professional, scientific and domestic foreign magazines and books.

Course language:
 english

Notes:

Course assessment

Total number of assessed students: 748

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
56.42	20.72	12.97	5.88	3.07	0.94	0.0

Provides: MUDr. Marcela Šestáková, PhD., MUDr. Petra Berešová, MDDr. Nad'a Homzová, MUDr. Ján Kučera, Ph.D., MDDr. Katarína Tomová, MDDr. Filip Lukáč, MDDr. Zuzana Krchová Nagyová, MUDr. Andrej Jenča, PhD., MBA, Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MDDr. Simona Fritzká

Date of last modification: 22.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PrZL-ZL4/15	Course name: Prosthetic Dentistry 4
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: SK/PrZL-ZL3/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive prosthetic treatment plan. 10 patients indicated treatment of the prosthetic procedure: 10 patients evaluation of radiograms - 15 preparation of abutment teeth - 15 making impressions in fixed prosthetics - 7 work procedure of partially removable and total replacement 4 making impressions in removable prosthetics 5	
Learning outcomes: The graduate participates in the design of total dentures, participates in the work process of manufacturing total dentures in the oral cavity and in the dental laboratory.	
Brief outline of the course: Total dental prostheses, ensuring retention, examination of the oral cavity, limits of total prostheses. Work procedure in the oral cavity and in the dental laboratory. Principles of building teeth, articulation, facial treatment, testing and handing over restorations. The importance of dental prosthesis hygiene and the assessment of the condition of the mucous membranes. Hybrid dentures. Rebasing of total dentures.	
Recommended literature: Restorative Dentistry EN Italian Ac · Vydavateľstvo: Mosby, 2011 Atlas of prosthodontic treatment EN Jörg Rudolf Strub a kolektív · Vydavateľstvo: Grada, 2016	

Protetika I. CZ 4., přepracované a rozšířené vydání Kolektiv autorů · Vydavatelství: Grada, 2015 Protetika II. CZ Kolektiv autorů · Vydavatelství: Grada, 2016 Veneers EN Mini-invasive Reconstructions Attilio Sommella a Guerino Paolantoni · Vydavatelství: Teamwork Media, 2014 Professional, scientific and domestic foreign magazines and books.					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 781					
A	B	C	D	E	FX
49.17	25.99	13.96	6.15	4.23	0.51
Provides: MUDr. Marcela Šestáková, PhD., MUDr. Petra Berešová, MUDr. Adriána Petrášová, PhD., MDDr. Nad'a Homzová, MUDr. Ján Kučera, Ph.D., MDDr. Katarína Tomová, MDDr. Filip Lukáč, MUDr. Janka Jenčová, PhD., MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Andrea Sinčák Konečná, PhD.					
Date of last modification: 20.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PrZL-ZL5/22	Course name: Prosthetic Dentistry 5
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites: SK/PrZL-ZL4/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive prosthetic treatment plan. 10 patients indicated treatment of the prosthetic procedure: 10 patients evaluation of radiograms - 15 preparation of abutment teeth - 15 making impressions in fixed prosthetics - 7 working procedure of partially removable and total replacement 4 making impressions in removable prosthetics 5	
Learning outcomes: The graduate acquires knowledge in the field of prosthetic treatment of children's teeth, discusses the possible indications and contraindications of individual types of replacements and the importance of treatment. He participates in the examination of patients and the prosthetic treatment of patients after surgical therapy of clefts.	
Brief outline of the course: Peculiarities of prosthetic treatment of teeth in children, indications of individual types of replacements and the importance of treatment. Principles of prosthetic treatment of teeth with diseased periodontium, indications, contraindications, principles of dental splinting. Prosthetic treatment as part of the treatment of clefts after their surgical treatment	
Recommended literature: Deepak Nallaswamy, Textbook of Prosthodontics, Jaypee Brothers Medical Publishers ISBN: 2017, 9789351524441 Yasemin K.Ozkan, Complete Denture Prosthodontics , Springer International Publishing AG , január 2019, ISBN: 3319690167	

Stephen F. & Martin F., Contemporary fixed prosthodontics, 2006, ISBN-10: 0-323-02874-8 Herbert T. Shillingburg, Fixed Prosthodontics, 1997, ISBN0-86715-201-X George A. Zarb, Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported, 2003, ISBN 0-323-02296-0						
Course language: english						
Notes:						
Course assessment Total number of assessed students: 739						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.53	27.33	7.85	5.41	2.71	1.76	0.41
Provides: MDDr. Nad'a Homzová, MUDr. Adriána Petrášová, PhD., MDDr. Katarína Tomová, MUDr. Ján Kučera, Ph.D., MUDr. Marcela Šestáková, PhD., MUDr. Janka Jenčová, PhD., MDDr. Viktória Dávid Kucková, MUDr. Jana Ondrašovičová, PhD., MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Zuzana Slobodníková Švecová						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ PrZL-ZL6/15	Course name: Prosthetic Dentistry 6
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 22s / 110s Course method: present	
Number of ECTS credits: 7	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites: SK/PrZL-ZL5/22	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive prosthetic treatment plan. 10 patients indicated treatment of the prosthetic procedure: 10 patients evaluation of radiograms - 15 preparation of abutment teeth - 15 making impressions in fixed prosthetics - 7 work procedure of partially removable and total replacement 4 making impressions in removable prosthetics 5	
Learning outcomes: The graduate acquires knowledge in the field of diseases of the temporomandibular joint, participates in the diagnosis and treatment of these diseases. He acquires new knowledge in the field of application of modern procedures and materials in prosthetic treatment, such as implants or zirconium and metal-ceramic dental prosthetics.	
Brief outline of the course: Implants: development, principles, prosthetic indication, work procedure, choice of materials. Articulation devices and their practical use in prosthetic treatment and assessment of changes in periodontal tissues. Disorders of temporomandibular joint function, etiology, diagnosis and treatment, importance of differential diagnosis in solving pain in the facial area. Metal ceramics: structure of materials and their processing, rational procedures in metal ceramics, use of photocomposite resins in prosthetics. Prosthetic materials based on zirconium, their advantages and indications for use. Price calculations of prosthetic products. Professional ethics and ethical standards in relation to patients, staff and colleagues.	

Recommended literature:

Restorative Dentistry EN
 Italian Ac · Vydavateľstvo: Mosby, 2011
 Atlas of prosthodontic treatment EN
 Dušan Hirjak a Vladimír Machoň · Vydavateľstvo: Triton, 2014
 Protetika III CZ
 4., přepracované a rozšířené vydání
 Jörg Rudolf Strub a kolektiv · Vydavateľstvo: Grada, 2016
 Protetika I. CZ
 4., přepracované a rozšířené vydání
 Kolektiv autorov · Vydavateľstvo: Grada, 2015
 Protetika II. CZ
 Kolektiv autorov · Vydavateľstvo: Grada, 2016
 Veneers EN
 Mini-invasive Reconstructions
 Professional scientific and domestic foreign magazines
 Attilio Sommella a Guerino Paolantoni · Vydavateľstvo: Teamwork Media, 2014
 Professional, scientific and domestic foreign magazines and books.

Course language:

english

Notes:**Course assessment**

Total number of assessed students: 750

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
50.4	28.8	15.07	4.13	0.67	0.8	0.13

Provides: MUDr. Marcela Šestáková, PhD., MDDr. Naďa Homzová, MUDr. Ján Kučera, Ph.D., MDDr. Katarína Tomová, MUDr. Petra Berešová, MDDr. Viktória Dávid Kucková, MDDr. Zuzana Slobodníková Švecová, MDDr. Mária Futejová, MUDr. Janka Jenčová, PhD., Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Jana Kaiferová, PhD., MDDr. Andrea Sinčák Konečná, PhD.

Date of last modification: 20.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: 1. PK/ PT-ZL/16	Course name: Psychiatry
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: 1. PK/PMK-ZL/18 and UPF/PF-ZL1/15	
Conditions for course completion: 1. 85% active participation on the practical lessons, in case of absence may compensate up to 2 practical lessons per semester and 50% participation on lectures 2. active participation in practical lessons; regular knowledge check via control questions; successful completion of the written test – at least 60%.	
Learning outcomes: The absolvent acquires knowledge from the field of psychiatry, diagnosis and treatment of mental disorders, from psychopharmacology, psychoeducation and rehabilitation in psychiatry.	
Brief outline of the course: Psychiatry- characteristics and content of field, history, etiopathogenesis of mental disorders, general psychopathology (perceptual disorders, gnostic disorders, mood disorders, disorders of thinking, volition, consciousness, memory, intellect and personality), syndromology of mental disorders, diagnosis and classification in psychiatry, communication with a mentally ill patient, schizophrenic disorders, mood disorders – emphasis on depression, organic mental disorders, cognitive disorders, anxiety disorders, stress-induced disorders, psychiatric issue of substance use/abuse disorders, psychiatric sexology, pedopsychiatry, gerontopsychiatry, personality disorders, biological treatments in psychiatry, psychopharmacology, psychotherapy, psychoeducation and rehabilitation in psychiatry, organizational, legal and ethical problems in psychiatry, liaison psychiatry.	
Recommended literature: Kolibáš, E. Príručka klinickej psychiatrie. Psychoprof: 2010, ISBN 978-80-89322-05-3 Kolibáš, E. a kol., Všeobecná psychiatria. UK: 2007, ISBN 978-80-223-2388-8 Hosák Ladislav - Hrdlička Michal - Libiger Jan a kol. Karolinum 2015, 648 pp. ISBN 9788024629988	
Course language: Slovak language	
Notes:	

Course assessment					
Total number of assessed students: 748					
A	B	C	D	E	FX
76.87	12.7	6.42	2.81	1.07	0.13
Provides: doc. MUDr. Ivan Dóci, PhD., Mgr. MUDr. Jozef Dragašek, PhD., MHA, MUDr. Jana Vančíková, PhD., doc. MUDr. Aneta Bednářová, PhD., MUDr. Zuzana Vančová, PhD., MUDr. Dominika Jarčušková, PhD., MUDr. Simona Čarnakovič					
Date of last modification: 16.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: 1. PK/ PMK-ZL/18	Course name: Psychology and Medical Communication
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 3.	
Course level: I.II.	
Prerequisites: ULBL/LHB-ZL1/15	
Conditions for course completion: 1. 100% active participation at practical exercises; in a case of absence, possible compensation at most 2 exercises per semester. 2. At least 70% success in the midterm test achievement, and 80% success in final exam achievement.	
Learning outcomes: Student is educated in the psychological concepts related to the field of clinical psychology; Is being attained theoretical and practical knowledge in regard to the principles of verbal and non-verbal communication; learns methods of psychodiagnostics and psychotherapy.	
Brief outline of the course: - Psychology as a profession, history, theoretical and applied psychological disciplines, the profession of clinical psychologist as a fellow in diagnostic and treatment team, psychological contribution to the patient care. - Psychology of personality, key concepts and models of consequent psychopathology; issues of normality of personality. - Psychodiagnostics - basic methods used in clinical psychology, their indication and contribution in doctor's practice. Intelligence, and its assessment. Evaluation of personality traits and their psychopathological changes. - Psychotherapy, basic concepts and methods. Basic psychotherapeutic approaches. Indications in requirement of disorders. - Bio-psycho-social model of disease, psychosomatic diseases and comprehensive therapeutic approach; problem of stress, mental health care, and the principles of salutogenesis. Health psychology. - Verbal and non-verbal communication, principles of effective communication. Communication in specific situations in medical practice. Coping with difficulties in social interactions. - Approach to difficult-to-treat patients in dental practice, coping strategies.	
Recommended literature: Žucha I., Čaplová T., et al. Lekárska psychológia. Bratislava, Univerzita Komenského 2012. Ayers S., R. de Visser. Psychologie v medicíně. Praha, Grada 2015. Kratochvíl S. Základy psychoterapie. Praha, Portál 2002.	

Bouchal M., et al. Lékařská psychologie, Praha, Avicenum 1981. Heretik A., et al. Klinická psychológia. Nové Zámky, Psychoprof 2007. Vymětal J. Základy lékařské psychologie, Praha, Portál 2003. Baštecký J., et al. Psychosomatická medicína. Praha, Grada 1993. Křivohlavý J. Psychologie nemoci. Praha, Grada 2002.					
Course language: Slovak language					
Notes:					
Course assessment Total number of assessed students: 840					
A	B	C	D	E	FX
72.38	23.57	3.33	0.6	0.12	0.0
Provides: PhDr. Martina Ružičková, PhD., Mgr. Jana Schrötter, PhD., Mgr. Juraj Martonyik, PhD., Mgr. Matúš Hrebenár					
Date of last modification: 16.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KRNM/ R-ZL/15	Course name: Radiology
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 5.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Rogotest - presence form	
Learning outcomes: Radio imaging methods and procedures, physical principles. Orientation in classical radiology. Control of USG, CT, MR, angiographic and interventional methods. Practical exercises at the clinic.	
Brief outline of the course: <ul style="list-style-type: none"> - Fundamentals of physics and biophysics. - Ionizing radiation. - Diagnostic modalities. - Using imaging methods to display individual organs. - Imaging modalities of the bones, nervous system, chest, abdominal organs, vascular system. - Intervention methods. 	
Recommended literature: <ol style="list-style-type: none"> 1. Muchová T., Rádiológia pre lekárske fakulty - vysokoškolské učebné texty (2. prepracované vydanie), Košice, 2021, ISBN 978-80-8152-970-2 2. Muchová T., Rádiodiagnostika ochorení pečene, žlčníka, žlčových ciest a pankreasu - vysokoškolské učebné texty, Košice, 2021, ISBN 978-80-8152-971-9 3. Muchová, T., Živčák, J., Rádiologické zobrazovacie metódy. Diagnostické prístroje - princíp a ich využitie, Košice, 2018, ISBN 978-80-553-3242-0 4. Muchová T., Rádiológia pre medikov – vysokoškolské učebné texty UPJŠ LF, 2017, ISBN 978-80-8125-520-9 5. Heřman M., Základy rádiológie, Univerzita Palackého v Olomouci, 2014, ISBN 978-80-244-2901-4 6. Bilický J., et al., Rádiológia I. Všeobecná časť, Veda, 2011, ISBN 978-89-224-1195-0 7. Bilický J., et al., Špeciálna časť 1. Hrudník: pľúca, srdce, mamodiagnostika; Veda, 2012, ISBN 978-80-224-1244-5 8. Bilický J., et al., Rádiológia. Špeciálna časť 2. GIT – Ezofagus, žalúdok, tenké črevo, hrubé črevo, hepar, žlčové cesty a žlčník, pankreas, slezina; Veda, 2012, ISBN 978-80-224-1245-2 9. Bilický J., et al., Rádiológia. Špeciálna časť 3. Urorádiológia., Veda, 2012, 	

ISBN 978-80-224-1246-9

10. Bilický J., et al., Rádiológia. Špeciálna časť 4. Muskuloskeletálny systém, Veda, 2012, ISBN 978-80-224-1247-6

11. Bilický J., et al., Rádiológia. Špeciálna časť 5. Neurorádiológia, Veda, 2012, ISBN 978-80-224-1248-3

12. Bilický J., et al., Rádiológia. Špeciálna časť 6. Intervenčná rádiológia, Veda, 2012, ISBN 978-80-224-1249-0

13. Adam A., et al., Grainger & Allison's Diagnostic Radiology, 6th Edition, Churchill Livingstone Elsevier, 2015, ISBN 978-0-7020-4295-9, e-book ISBN 978-0-7020-6128-8

14. Geschwind J., et al. Abrams' Angiography: Interventional Radiology – 3rd edition, Lippincott Williams & Wilkins, 2013, ISBN 978-1609137922

15. Zeleňák K., et al., Radiology Imaging Techniques of Brain Tumours, InTech, 2013, DOI 10.5772/53470
<https://www.intechopen.com/books/clinical-management-and-evolving-noveltherapeutic-strategies-for-patients-with-brain-tumors/radiology-imaging-techniquesof-brain-tumours>

16. Krajina A., et al., Therapeutic Embolization of Cranial Tumors, Diagnostic Techniques an Surgical Management of Brain Tumors, inTech, 2011, DOI 10.5772/19639
<https://www.intechopen.com/books/diagnostictechniques-and-surgical-managementof-brain-tumors/therapeutic-embolization-of-cranial-tumors>

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 410

A	B	C	D	E	FX
43.41	35.12	11.95	5.61	3.9	0.0

Provides: MUDr. Nora Lešková, MUDr. Tatiana Muchová, PhD., MPH, MBA, MUDr. Tatiana Špakovská, PhD.

Date of last modification: 19.05.2022

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/DS-ZL1/22	Course name: Seminar of Diploma Thesis 1
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 50s Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: - independent work - obtaining credits - consultation with the trainer - active cooperation during the completion of the mandatory 50 hours - processing of publications and literary sources	
Learning outcomes: The graduate prepares and collects materials from all available sources. After studying, he masters the formal aspects of writing a diploma thesis.	
Brief outline of the course: <ul style="list-style-type: none"> • Main phases and basic steps of writing a diploma thesis /conceptualization, planning, empirical phase, analytical and dissemination phase/ • Ethical principles and principles when writing a diploma thesis /originality of work, copyright/ • The formal side of the thesis • Citations and bibliographic references 	
Recommended literature: 1. Directive no. 2/2022 for final theses submitted at the University of Pavel Jozef Šafárik in Košice, Faculty of Medicine. 2. Rector's decision no. 9/2022 on the submission of final theses at the 1st, 2nd and combined 1st and 2nd levels of higher education and the conclusion of license agreements. 3. Directive no. 1/2011 on the basic requirements of final theses, rigorous theses and habilitation theses, their publication and availability for the period of their storage and control of originality valid for UPJŠ in Košice and its parts. 4. STN 01 6910: 2010 Rules for writing and editing documents 5. STN ISO 690 Information and documentation. Instructions for creating bibliographic links to information sources and citing them. 6. STN ISO 2145 Documentation. Numbering of sections and subsections of written documents. 7. https://www.upjs.sk/pracoviska/univerzitna-kniznica/zaverecne-prace/ 8. Professional literature according to the nature of the thesis.	
Course language: english	

Notes:

Estimated student workload: 74 hours
full-time study (CV): 28 hours
task processing 22 hours
self-study 24 hours

Course assessment

Total number of assessed students: 703

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.86	0.71	0.0	0.0	0.0	0.0	0.43

Provides:

Date of last modification: 27.03.2023

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/DS-ZL2/22	Course name: Seminar of Diploma Thesis 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 50s Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: - independent work - obtaining credits - consultation with the trainer - active cooperation during the completion of the mandatory 50 hours - processing of publications and literary sources	
Learning outcomes: The graduate can create the structural and content side of the thesis. Continuously processes the obtained data and their incorporation into the structure of the thesis. The methodology and procedure for the practical part of the work and its initiation are determined.	
Brief outline of the course: <ul style="list-style-type: none"> • Structure of the thesis / main parts of the thesis – introductory, main text part/ • Content page of diploma thesis I. /abstract, preface, introduction, discussion, conclusion/ • Content page of diploma thesis II. /goal of work, work methodology, research methods/ 	
Recommended literature: 1. Directive No. 2/2022 for Final Theses Submitted at Pavol Jozef Šafárik University in Košice, Faculty of Medicine 2. Rector's decision no. 9/2022 on the submission of theses at the 1st, 2nd and combined 1st and 2nd levels of higher education and the conclusion of license agreements. 3. DIRECTIVE No. 1/2011 on Essential Prerequisites of Final Theses, Doctorate Degree Theses, and Associate Professorship Degree Theses, Release and Making Available Thereof During the Time of Keeping the Same, and Originality Check Valid for Pavol Jozef Šafárik University in Košice and Its Constituents 4. STN 01 6910: 2010 5. STN ISO 690 6. STN ISO 2145 7. https://www.upjs.sk/en/departments/university-library/theses/ 8. Preparatory steps and formality of Diploma Thesis' writing Professional literature according to the nature of the thesis.	

Course language: english						
Notes: Estimated student workload: 74 hours full-time study (CV): 28 hours task processing 22 hours self-study 24 hours						
Course assessment Total number of assessed students: 662						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.49	0.45	0.0	0.0	0.0	0.0	1.06
Provides:						
Date of last modification: 27.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ÚTVŠ/ ŠALF 1/22	Course name: Sport 1
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 1.	
Course level: I., I.II.	
Prerequisites:	
Conditions for course completion: Condition for successful course completion: - active participation in line with the study rule of procedure and course guidelines - students must meet the requirements to 80%	
Learning outcomes: Sports activities in all their forms prepare university students for their further professional and personal life. A personal experience allows them to understand the importance of physical activity for life. Sports actively influence physical fitness and performance, help to maintain mental health, and improve the health of those engaged in sport. The skills and abilities acquired and improved during exercise, strengthen students' relationships toward physical activities and provide an opportunity to affect their near and the wider environment in a selected sport activity. Content standard: The student demonstrates relevant knowledge and skills in the field, which content is defined in the course syllabus and recommended literature. Performance standard: Upon completion of the course students meet the performance standard and: - acquire movement skills in a particular sport, basic skills and complex skills in sport games and swimming competency - increase the level of speed, endurance, power and agility, overall fitness and performance - can apply the exercises in practice, - can apply a specific health-oriented programme to target health problems - can apply acquired knowledge and skills in the sport development process and leisure time	
Brief outline of the course: Brief outline of the course: The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling. Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on	

the Tisza River) with an attractive programme, sports competitions with national and international participation.						
Recommended literature:						
Course language:						
Notes:						
Course assessment						
Total number of assessed students: 1116						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
91.58	0.63	0.0	0.0	0.0	0.27	7.53
Provides: Mgr. Patrik Berta, Mgr. Alena Buková, PhD., univerzitná docentka, Mgr. Marcel Čurgali, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., prof. RNDr. Stanislav Vokál, DrSc., Blažej Pandula, doc. PaedDr. Ivan Uher, MPH, PhD., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.						
Date of last modification: 07.02.2024						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ÚTVŠ/ ŠALF 2/22	Course name: Sport 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 2.	
Course level: I., I.II.	
Prerequisites:	
Conditions for course completion: Condition for successful course completion: - active participation in line with the study rule of procedure and course guidelines - students must meet the requirements to 80%	
Learning outcomes: Learning outcomes: Sports activities in all their forms prepare university students for their further professional and personal life. A personal experience allows them to understand the importance of physical activity for life. Sports actively influence physical fitness and performance, help to maintain mental health, and improve the health of those engaged in sport. The skills and abilities acquired and improved during exercise, strengthen students' relationships toward physical activities and provide an opportunity to affect their near and the wider environment in a selected sport activity. Content standard: The student demonstrates relevant knowledge and skills in the field, which content is defined in the course syllabus and recommended literature. Performance standard: Upon completion of the course students meet the performance standard and: - acquire movement skills in a particular sport, basic skills and complex skills in sport games and swimming competency - increase the level of speed, endurance, power and agility, overall fitness and performance - can apply the exercises in practice, - can apply a specific health-oriented programme to target health problems - can apply acquired knowledge and skills in the sport development process and leisure time	
Brief outline of the course: Brief outline of the course: The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling. Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on	

the Tisza River) with an attractive programme, sports competitions with national and international participation.						
Recommended literature:						
Course language:						
Notes:						
Course assessment						
Total number of assessed students: 788						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
92.51	0.0	0.0	0.0	0.0	0.38	7.11
Provides: Mgr. Patrik Berta, Mgr. Alena Buková, PhD., univerzitná docentka, Mgr. Marcel Čurgali, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Blažej Pandula, prof. RNDr. Stanislav Vokál, DrSc., doc. PaedDr. Ivan Uher, MPH, PhD., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.						
Date of last modification: 07.02.2024						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ÚTVŠ/ ŠALF 3/22	Course name: Sport 3
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 3.	
Course level: I., I.II.	
Prerequisites:	
Conditions for course completion: Condition for successful course completion: - active participation in line with the study rule of procedure and course guidelines - students must meet the requirements to 80%	
Learning outcomes: Learning outcomes: Sports activities in all their forms prepare university students for their further professional and personal life. A personal experience allows them to understand the importance of physical activity for life. Sports actively influence physical fitness and performance, help to maintain mental health, and improve the health of those engaged in sport. The skills and abilities acquired and improved during exercise, strengthen students' relationships toward physical activities and provide an opportunity to affect their near and the wider environment in a selected sport activity. Content standard: The student demonstrates relevant knowledge and skills in the field, which content is defined in the course syllabus and recommended literature. Performance standard: Upon completion of the course students meet the performance standard and: - acquire movement skills in a particular sport, basic skills and complex skills in sport games and swimming competency - increase the level of speed, endurance, power and agility, overall fitness and performance - can apply the exercises in practice, - can apply a specific health-oriented programme to target health problems - can apply acquired knowledge and skills in the sport development process and leisure time	
Brief outline of the course: Brief outline of the course: The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling.	

Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on the Tisza River) with an attractive programme, sports competitions with national and international participation.						
Recommended literature:						
Course language:						
Notes:						
Course assessment						
Total number of assessed students: 1970						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
92.79	0.25	0.0	0.05	0.0	0.81	6.09
Provides: Mgr. Patrik Berta, Mgr. Alena Buková, PhD., univerzitná docentka, Mgr. Marcel Čurgali, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Blažej Pandula, prof. RNDr. Stanislav Vokál, DrSc., doc. PaedDr. Ivan Uher, MPH, PhD., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.						
Date of last modification: 07.02.2024						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ÚTVŠ/ ŠALF 4/22	Course name: Sport 4
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 4.	
Course level: I., I.II.	
Prerequisites:	
Conditions for course completion: Condition for successful course completion: - active participation in line with the study rule of procedure and course guidelines - students must meet the requirements to 80%	
Learning outcomes: Learning outcomes: Sports activities in all their forms prepare university students for their further professional and personal life. A personal experience allows them to understand the importance of physical activity for life. Sports actively influence physical fitness and performance, help to maintain mental health, and improve the health of those engaged in sport. The skills and abilities acquired and improved during exercise, strengthen students' relationships toward physical activities and provide an opportunity to affect their near and the wider environment in a selected sport activity. Content standard: The student demonstrates relevant knowledge and skills in the field, which content is defined in the course syllabus and recommended literature. Performance standard: Upon completion of the course students meet the performance standard and: - acquire movement skills in a particular sport, basic skills and complex skills in sport games and swimming competency - increase the level of speed, endurance, power and agility, overall fitness and performance - can apply the exercises in practice, - can apply a specific health-oriented programme to target health problems - can apply acquired knowledge and skills in the sport development process and leisure time	
Brief outline of the course: Brief outline of the course: The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling.	

Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on the Tisza River) with an attractive programme, sports competitions with national and international participation.						
Recommended literature:						
Course language:						
Notes:						
Course assessment						
Total number of assessed students: 436						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
88.76	0.0	0.0	0.0	0.0	0.46	10.78
Provides: Mgr. Patrik Berta, Mgr. Alena Buková, PhD., univerzitná docentka, Mgr. Marcel Čurgali, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Blažej Pandula, prof. RNDr. Stanislav Vokál, DrSc., doc. PaedDr. Ivan Uher, MPH, PhD., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.						
Date of last modification: 07.02.2024						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: Dek. LF UPJŠ/SVOC/09		Course name: Student Science Work - Presentation at SSC				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present						
Number of ECTS credits: 4						
Recommended semester/trimester of the course: 3., 4., 5., 6., 7., 8., 9., 10..						
Course level: I., I.II., II.						
Prerequisites:						
Conditions for course completion:						
Learning outcomes:						
Brief outline of the course:						
Recommended literature:						
Course language:						
Notes:						
Course assessment Total number of assessed students: 175						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
89.14	10.86	0.0	0.0	0.0	0.0	0.0
Provides:						
Date of last modification: 10.10.2024						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: 1. ChK/ CH-SS-ZL/16		Course name: Surgery			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 9., 10..					
Course level: I.II.					
Prerequisites: ChK/CH-ZL5/15 and 1. KAIM/A-ZL/15					
Conditions for course completion: Reaching the minimal number of credits from compulsory and elective subjects within the structure defined by the study programme.					
Learning outcomes: Successful completion of the state exam on Surgery assures graduate smooth start of the clinical practise.					
Brief outline of the course: Knowledge areas covered by the state exam – fundamentals of traumatology; diagnostics, therapy and prevention of injuries; shock - pathogenesis , clinical presentation, therapy; bone fractures – classification, first aid, conservative treatment, bone healing and its impairment; head & neck surgery; inflammatory disorders of soft tissues; thoracic surgery – surgery of pleura & lungs – inflammatory diseases, tumors; surgery of the esophagus & mediastinum; surgery of gallbladder & bile ducts; surgery of the pancreas, abdominal wall – hernias, stomach & duodenum, small & large bowel – inflammatory disorders & tumors – diagnostics & therapy					
Recommended literature:					
Course language: Slovak language					
Notes:					
Course assessment Total number of assessed students: 750					
A	B	C	D	E	FX
33.87	23.47	24.4	12.27	5.87	0.13
Provides:					
Date of last modification: 08.03.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/ CH-ZL1/16	Course name: Surgery 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 5.	
Course level: I.II.	
Prerequisites: UFZ/LF-ZL2/15	
Conditions for course completion: 1. For successful completion of the practical exercises / lectures is required: - To participate at all of practical and theoretical exercises (100%) / lectures (75%) - To get at least 60 % of total score for ongoing review of written test - Two absences are possible needed to be compensated 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises / lectures (paragraph 1 above) - The control tests are evaluated on the basis of the achieved number of points (%) - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art. 13, Paragraph 4 - The results of ongoing evaluations are included in the final classification	
Learning outcomes: Students will acquire the basics knowledge of surgical propaedeutic, i.e. history of surgery, basics of asepsis, antisepsis, anesthesia, thromboembolism, diagnostics of surgical diseases and principles of preoperative and postoperative care of patients	
Brief outline of the course: Introduction to Surgical – propedeutic study. Division of Surgery, history of surgery. Basic principles of investigative methods and clinical diagnostics in surgery. Asepsis and antisepsis, disinfection and sterilization. Principles of Anesthesiology. Local, general, endotracheal anesthesia and its complications. Principles of cardiopulmonary resuscitation. Wounds. Division of wounds, wound properties, healing and wound dressings. Surgical infections, etiology, presentation, diagnostics and treatment.	
Recommended literature: Tvrdek M. a kol.: Úvod do obecné chirurgie Siman,J. a kol.: Princípy chirurgie - Vydavateľstvo: Slovak Academic Press, 2007 Zeman,M. a kol. : Chirurgická propedeutika, Grada, Praha, 2000, Zeman,M.: Obvazová a sádrovací technika. Avicenum, Praha, 1985. Guzanin,Š.: Vybrané kapitoly z plast. , rekonštrukčnej a estetickej chirurgie, 2003	
Course language:	

Notes:						
Course assessment						
Total number of assessed students: 794						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.41	26.07	13.22	4.66	1.01	0.5	0.13
Provides: prof. MUDr. Jozef Radoňak, CSc., MPH, doc. MUDr. Jozef Belák, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jana Kaľuchová, PhD., MBA, MUDr. Tomáš Hildebrand, PhD., MUDr. Róbert Kilík, PhD., doc. MUDr. Peter Zavacký, PhD., MPH, MUDr. Pavol Harbulák, doc. MUDr. Marek Šoltés, PhD., MUDr. Peter Pažinka, PhD., MPH, MUDr. Milan Stebnický, PhD., MUDr. Jozef Voltér, MUDr. Milan Šudák, PhD., doc. MUDr. Vladimír Sihotský, PhD., doc. MUDr. Tomáš Toporcer, PhD., doc. MUDr. Martina Vidová Ugurbas, PhD., MPH, MUDr. Tomáš Gajdzik, PhD., MHA, MPH, MUDr. Mária Kubíková, PhD., MUDr. Peter Štefanič, PhD., doc. MUDr. Martina Zavacká, PhD., MPH, doc. MUDr. Ivan Kováč, PhD., MUDr. Lukáš Vaško, PhD., MUDr. Veronika Roškovičová, MUDr. Ema Macejková, MUDr. Jana Pobehová, PhD., MUDr. Tímea Holovač, MUDr. Michal Virág, PhD.						
Date of last modification: 07.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/ CH-ZL2/15	Course name: Surgery 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 6.	
Course level: I.II.	
Prerequisites: ChK/CH-ZL1/16	
Conditions for course completion: 1. For successful completion of the practical exercises / lectures is required: - To participate at all of practical and theoretical exercises (100%) / lectures (75%) - To get at least 60 % of total score for ongoing review of written test - Two absences are possible needed to be compensated 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises / lectures (paragraph 1 above) - The control tests are evaluated on the basis of the achieved number of points (%) - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art. 13, Paragraph 4 - The results of ongoing evaluations are included in the final classification	
Learning outcomes: Students will acquire the basics of diagnostics of surgical diseases, they will master principles of preoperative and postoperative care of surgical patients	
Brief outline of the course: General Principles of Diagnostics and healing of fractures. Principles of surgical technique and tissue synthesis in surgery. Principles of blood transfusions in surgery, bleeding and coagulation disorders. Thromboembolic disease and its prevention. Principles of anticoagulant therapy in surgery. Preoperative prepare, perioperative and postoperative care. Postoperative complications, presentation and treatment.	
Recommended literature: Tvrdek M. a kol.: Úvod do obecné chirurgie Siman,J. a kol.: Princípy chirurgie - Vydavateľstvo: Slovak Academic Press, 2007 Zeman,M. a kol. : Chirurgická propedeutika, Grada, Praha, 2000 Zeman,M.: Obvazová a sádrovací technika. Avicenum, Praha, 1985 Guzanin,Š.: Vybrané kapitoly z plast. , rekonštrukčnej a estetickej chirurgie, 2003	
Course language: Slovak language	
Notes:	

Course assessment						
Total number of assessed students: 747						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
57.03	27.71	7.5	4.28	3.08	0.4	0.0
Provides: prof. MUDr. Jozef Radoňak, CSc., MPH, doc. MUDr. Jozef Belák, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jana Kat'uchová, PhD., MBA, MUDr. Peter Pažinka, PhD., MPH, doc. MUDr. Peter Zavacký, PhD., MPH, MUDr. Tomáš Hildebrand, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Milan Stebnický, PhD., MUDr. Jozef Voltér, MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., MUDr. Pavol Harbulák, doc. MUDr. Vladimír Sihotský, PhD., doc. MUDr. Tomáš Toporcer, PhD., MUDr. Róbert Kilík, PhD., MUDr. Tomáš Gajdzik, PhD., MHA, MPH, doc. MUDr. Martina Vidová Ugurbas, PhD., MPH, doc. MUDr. Marek Šoltés, PhD., doc. MUDr. Ivan Kováč, PhD., prof. MUDr. Miroslav Kitka, PhD., MUDr. Mária Kubíková, PhD., doc. MUDr. Martina Zavacká, PhD., MPH						
Date of last modification: 07.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/ CH-ZL3/15	Course name: Surgery 3
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: ChK/CH-ZL2/15	
Conditions for course completion: 1. For successful completion of the practical exercises / lectures is required: - To participate at all of practical and theoretical exercises (100%) / lectures (75%) - To get at least 60 % of total score for ongoing review of written test - Two absences are possible needed to be compensated 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises / lectures (paragraph 1 above) - The control tests are evaluated on the basis of the achieved number of points (%) - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art. 13, Paragraph 4 - The results of ongoing evaluations are included in the final classification	
Learning outcomes: After completion of the subject student acquires fundamental knowledge regarding trauma surgery, management of shock and multiorgan failure, diagnostics and therapy of thermal injuries.	
Brief outline of the course: Injury, prevention of injuries, occupational and nonoccupational injury, categories of injuries, mass injury, disaster. Speciality of military injuries and their management. Open injuries – types of open injuries. Closed injuries – types of closed injuries. Shock, pathogenesis of the shock. Manifestations of the shock, laboratory diagnostic methods, clinical symptoms and therapy. Failure of organs. Fractures and dislocations. First aid. Conservative treatment. Healing of the fractures and its complications. Thermal and cold injuries.	
Recommended literature: Zeman,M.: Obvazová a sádrovací technika. Avicenum, Praha, 1985. Guzanin,Š.: Vybrané kapitoly z plast , rekonštrukčnej a estetickej chirurgie, 2003 Černý J. a kol.: Špeciálna chirurgia 1;2;3;4. Martin, Osveta 1995 Ohrádka B. a kol.: Špeciálna chirurgia I;II;III;IV. Bratislava UK 1994	
Course language: Slovak language	
Notes:	

Course assessment						
Total number of assessed students: 790						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
53.67	32.03	11.39	1.77	1.14	0.0	0.0
Provides: MUDr. Pavol Harbulák, prof. MUDr. Jana Kaľuchová, PhD., MBA, MUDr. Róbert Kilík, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Jozef Radoňak, CSc., MPH, MUDr. Milan Stebnický, PhD., MUDr. Jozef Voltér, MUDr. Róbert Šimon, PhD., MPH, MUDr. Milan Šudák, PhD., MUDr. Peter Pažinka, PhD., MPH, doc. MUDr. Peter Zavacký, PhD., MPH, MUDr. Monika Miklóšová, prof. MUDr. Miroslav Kitka, PhD., doc. MUDr. Marek Šoltés, PhD., MUDr. Peter Lengyel, PhD., MUDr. Peter Varga						
Date of last modification: 08.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/ CH-ZL4/15	Course name: Surgery 4
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: ChK/CH-ZL3/15	
Conditions for course completion: 1. For successful completion of the practical exercises / lectures is required: - To participate at all of practical and theoretical exercises (100%) / lectures (75%) - To get at least 60 % of total score for ongoing review of written test - Two absences are possible needed to be compensated 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises / lectures (paragraph 1 above) - The control tests are evaluated on the basis of the achieved number of points (%) - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art. 13, Paragraph 4 - The results of ongoing evaluations are included in the final classification	
Learning outcomes: After completion of the subject student acquires fundamental knowledge regarding therapy of surgical diseases of head & neck, abdominal cavity – gallbladder and bile ducts, small & large bowel, masters diagnostics and therapy of acute abdomen.	
Brief outline of the course: Surgery of head and neck. Soft tissue inflammation. Cysts and fistulas of the neck. Goiter – toxic and nontoxic, malignancy of the thyroid gland. Surgery of thorax, surgery of pleura, lung. Surgery of thorax, surgery of esophagus, mediastinum. Surgery of the gall bladder and biliary tree. Surgery of the pancreas. Surgery of abdominal wall – hernia. Surgery of stomach and duodenum. Surgery of the small intestine and colon. Inflammatory diseases and tumors. Surgery of the anus and rectum. Benign and malignant diseases. Acute abdominal conditions- definition of division. Acute abdominal conditions - inflammatory, traumatic, ileus. Acute gastrointestinal bleeding.	
Recommended literature: Zeman,M.: Obvazová a sádrovací technika. Avicenum, Praha, 1985 Guzanin,Š.: Vybrané kapitoly z plast , rekonštrukčnej a estetickej chirurgie, 2003 Černý J. a kol.: Špeciálna chirurgia 1;2;3;4. Martin, Osveta, 1995 Ohrádka B. a kol.: Špeciálna chirurgia I;II;III;IV. Bratislava UK, 1994	
Course language:	

Slovak language						
Notes:						
Course assessment						
Total number of assessed students: 747						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
56.49	24.36	6.69	7.76	3.08	1.61	0.0
Provides: MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Jozef Radoňák, CSc., MPH, prof. MUDr. Jana Katúchová, PhD., MBA, MUDr. Jozef Voltér, MUDr. Milan Šudák, PhD., MUDr. Róbert Kilík, PhD., MUDr. Pavol Harbulák, MUDr. Tomáš Gajdzik, PhD., MHA, MPH, MUDr. Monika Miklóšová, doc. MUDr. Marek Šoltés, PhD., doc. MUDr. Jozef Belák, PhD.						
Date of last modification: 08.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/ CH-ZL5/15	Course name: Surgery 5
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: ChK/CH-ZL4/15	
Conditions for course completion: I. For successful completion of the practical exercises/lectures is required: - To participate at all of practical exercises (100%) and theoretical lectures (75%). - To get at least 60 % of total score for ongoing review of written test - Two absences are allowed, needed to be compensated II. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Par II, Art13 - The final classification includes the evaluation of the written test on the last day of classes (min.60%) and the results obtained in practical exercises	
Learning outcomes: The students acquire knowledge of the surgical treatment of diseases of the thoracic and abdominal surgery, including heart disease and blood vessels. The students will be able to use knowledge from the orthopaedic surgery, neurosurgery, urology and trauma surgery.	
Brief outline of the course: Surgery of infection, oncosurgery, Emergency situations in abdominal diseases, Hepatobiliary surgery, Surgery of stomach, small intestine and large intestine. Surgery of the breast, Endocrine diseases in surgery, Cardiovascular surgery, Thoracic Surgery, Traumatology, Orthopedy, Neurosurgery	
Recommended literature: Tvrdek M. a kol.: Úvod do obecné chirurgie Zeman M.: Obvazová a sádrovací technika. Avicenum, Praha, 1985 Guzanin, Š.: Vybrané kapitoly z plast , rekonštrukčnej a estetickej chirurgie, 2003 Černý J. a kol.: Špeciálna chirurgia 1;2;3;4. Martin, Osveta, 1995 Ohrádka B. a kol.: Špeciálna chirurgia I;II;III;IV. Bratislava UK, 1994	
Course language: Slovak language	
Notes:	

Course assessment						
Total number of assessed students: 778						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
52.06	25.45	9.38	8.35	3.47	1.29	0.0
Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Miroslav Kitka, PhD., doc. MUDr. Jozef Belák, PhD., prof. MUDr. Jana Kaťuchová, PhD., MBA, doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Radoslav Morochovič, PhD., MUDr. Jozef Voltér, MUDr. Róbert Šimon, PhD., MPH, MUDr. Marián Kudláč, MUDr. Milan Stebnický, PhD., doc. MUDr. Tomáš Toporcer, PhD., MUDr. Pavol Harbulák, MUDr. Andrej Vrzgula, PhD., MUDr. Róbert Kilík, PhD., MUDr. Milan Šudák, PhD., prof. MUDr. Marek Lacko, PhD., MUDr. Tomáš Gajdzik, PhD., MHA, MPH, MUDr. Tomáš Hildebrand, PhD., doc. MUDr. Marek Šoltés, PhD., MUDr. Tatiana Granda, PhD., MUDr. Mária Kubíková, PhD., doc. MUDr. Vladimír Sihotský, PhD., MUDr. Peter Štefanič, PhD., doc. MUDr. Martina Zavacká, PhD., MPH, prof. MUDr. Mária Frankovičová, PhD., doc. MUDr. Ivan Kováč, PhD., doc. MUDr. Eugen Frišman, PhD.						
Date of last modification: 08.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ TZL-SS-ZL/18	Course name: Therapeutic Dentistry
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 11., 12..	
Course level: I.II.	
Prerequisites: SK/KZL-ZL6/15 and UVZH/HE-ZL/15 and SK/DZL-ZL3/22 and SK/OPx-ZL3/22 and SK/P-ZL3/22	
Conditions for course completion: Obtaining the minimum number of credits for compulsory and compulsory optional subjects in the composition prescribed by the study plan.	
Learning outcomes: The graduate acquires theoretical knowledge in the field of conservation, preventive dentistry, periodontology and children's dentistry, which give him the competence of a graduate of dentistry.	
Brief outline of the course: Thematic areas for the subject state exam . It includes a range of questions from conservation dentistry, preventive dentistry, periodontology and children's dentistry. Conservative treatment of dental caries and pathological conditions of the dental pulp in adults and children, conservative, local and surgical treatment of manifestations of inflammatory diseases on the mucous membrane of the oral cavity. Prevention of these diseases.	
Recommended literature: Harthy, : Endodontics in clinical practise, ISBN-10: 0702031569 ISBN-13: 978-0702031564 Fejerskov, O, Kidd, E.: Dental caries- The disease and its clinical management, 2008, ISBN 9781405138895 Jitka Stejskalová a kolektív: Konzervační zubní lékařství (druhé vydání) CZ· Vydavatel'stvo: Galén, 2008 Jitka Stejskalová a kolektív · Konzervační zubní lékařství (druhé vydání) CZ Vydavatel'stvo: Galén, 2008 Ležovič, J. a kol: Detské zubné lekárstvo. Banská Bystrica 2012,DALI, ISBN 978-80-89090-41-9,1.vydanie ISBN 978-80-8141-010-9, Merglová V., Ivančáková, R.: Zubní kaz a jeho prevence v časném dětském věku. ČSK, 2009, ISBN: 9788087109168 Goran Koch, Sven Poulsen : Pediatric Dentistry: A Clinical Approach Wiley-Blackwell, 2009, ISBN-13: 978-1405161008, 2nd edition Angus C. Cameron et al.: Handbook of Pediatric Dentistry Mosby, 2008, ISBN-13: 978-0723434528, 3rd edition Professional, scientific and domestic foreign magazines and books.	

Course language: english					
Notes:					
Course assessment Total number of assessed students: 726					
A	B	C	D	E	FX
35.54	22.18	19.7	12.81	7.99	1.79
Provides:					
Date of last modification: 20.01.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ TAOO-ZL/23	Course name: Topographic Anatomy of the Oro-maxillofacial Region
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 5.	
Course level: I.II.	
Prerequisites: UA/A-ZL2/15	
Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%.	
Learning outcomes: Graduates acquire knowledge of the relationships of anatomical structures and individual topographical regions important for the emergence and spread of pathological processes in the head and neck area. Through practical exercises, they will learn to apply anesthesia in the head and neck area.	
Brief outline of the course: Head and neck area. Masticatory muscles and their influence on the dislocation of sled fragments. Mimic muscles of the face, function and involvement of muscles in facial expressions. Blood supply to the face. Places of compression and ligatures during bleeding. Motor and sensory innervation of the orofacial area. The relationship of the maxillary cavity and the teeth of the upper dentition. Lymphatic system of the face and neck. Functional morphology of the temporomandibular joint. Large salivary glands. Anatomical variations in the innervation of the mandible and sled and their influence on the failure of injection anesthesia. Static and dynamic skin tension - the most suitable places and directions of incisions in the facial area.	
Recommended literature: Hudák R. a kol.: Memorix anatomie, Triton, 2017 Dauber W.: Feneisův obrazový slovník anatomie, Grada, 2011 Anatomy for Dental Students - Atkinson, Martin E. (Professor of Dental Anatomy Education, University of Sheffield, UK.), 2013 Oxford University Press Professional, scientific and domestic foreign magazines and books.	

Course language: english					
Notes:					
Course assessment Total number of assessed students: 460					
A	B	C	D	E	FX
31.09	41.52	19.57	4.35	2.61	0.87
Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Andrej Jenča, PhD., MBA, MDDr. René Koudelka, MDDr. Filip Lukáč, MDDr. Rastislav Bobuľa					
Date of last modification: 30.05.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: UPZMV/TKKP-ZL/19		Course name: Training of Competencies for Clinical Practice				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present						
Number of ECTS credits: 2						
Recommended semester/trimester of the course: 8.						
Course level: I.II.						
Prerequisites:						
Conditions for course completion:						
Learning outcomes:						
Brief outline of the course:						
Recommended literature:						
Course language:						
Notes:						
Course assessment Total number of assessed students: 0						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Provides: MUDr. Jaroslav Rosenberger, PhD., PhDr. Ivana Mészáros Skoumalová, PhD., doc. Mgr. Zuzana Dankulincová, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD., Mgr. Ján Hlodák						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/ LFPKAJ/11	Course name: Written Communication in English
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3., 5., 7.	
Course level: I., I.II.	
Prerequisites:	
Conditions for course completion: Active participation in class and 1 missed class at the most (2 x 45 minutes). Continuous assessment: 3 written assignments (to be handed in to the lecturer in weeks 5, 9 and 12). Continuous assessment result of 60 % is a prerequisite for student's participation in the final exam test. The final exam test accounts for 50% of the final grade and the overall result of continuous assessment represents the other 50% of the overall grade. The final grade will be calculated as follows: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% or less.	
Learning outcomes: Students acquire knowledge of selected genres of written communication in English, their lexical and stylistic characteristics, they develop their communicative competence in written communication in English with focus on grammatical aspects and vocabulary in practice at B1 - B2 level (CEFR).	
Brief outline of the course: Formal and informal language. Email English, formal letters, business correspondence. Language of forms and office documents. Abbreviations and signs, symbols, numbers. CV, its form and structure, cover letter. Genres of business correspondence. Abstract and academic article.	
Recommended literature: Downes, C. (2008). Cambridge English for Job-hunting. Cambridge: CUP. Mascull, B. (2010). Business vocabulary in use. Intermediate. Cambridge: CUP. Emmerson P. (2004) Email English. MacMillan Glendinning, E.H.- Howard, R. (2007) Professional English in Use – Medicine, CUP Michael McCarthy, Felicity O'Dell (2002) English Vocabulary in Use. Advanced. CUP OXFORD Collocations dictionary for students of English (2002).	

Fronek, J., Mokráň, P. (2003) Slovensko-anglický frazeologický slovník. Vyd. Nová Práca, Bratislava Internet, noviny, časopisy, bulletiny, zdravotná dokumentácia					
Course language: English language (B1 - B2 level, CEFR)					
Notes:					
Course assessment Total number of assessed students: 150					
A	B	C	D	E	FX
21.33	33.33	20.0	9.33	10.0	6.0
Provides: Mgr. Viktória Mária Slovenská					
Date of last modification: 14.09.2023					
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. et. MUDr. René Foltán, Ph.D.					