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COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: 1. KAIM/A-DM/15		Course name: Anaesthesiology			
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-DM4/15 and ChK/S-DM4/15					
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: 1. Anaesthesia at a Glance by Julian Stone, William Fawcett 2013, Wiley-Blackwell, 2. Critical Care Medicine at a Glance, 3rd Edition Autor: Richard Leach 2013, Wiley-Blackwell, 3. Frankovičová M.: Surgery for medical students, UPJŠ LF Košice, 2014					
Course language: English language					
Notes:					
Course assessment Total number of assessed students: 303					
A	B	C	D	E	FX
27.39	32.67	18.81	13.2	6.6	1.32

Provides: MUDr. Judita Capková, PhD., doc. MUDr. Jozef Firment, PhD., MUDr. Vladimír Hudák, PhD., 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-DM1/15	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” is required: - 100% presence in practical lessons. Student may have maximum 3 absences in practical lessons for serious health or family reasons that must be compensated in way determined by teacher - Lectures are obligatory. Student may have 3 absences in lectures without giving a reason. - Theoretical and methodical mastery of practical tasks. - Student with more than 3 absences in practical lessons is not qualified to continue subject Anatomy 1 and to participate in the retaken tests. 2. In order to successfully completing the subject Anatomy 1 as a “prerequisite for completion the subject Anatomy 2”: - The student is obliged to pass all ongoing theoretical and practical tests – i.e. 3 theoretical and 3 practical tests, and achieve at least 60 % success rate, i.e. 24 points (out of 40 points) from each theoretical test and 12 points (out of 20 points) from each practical test. - If the student for any reason (personal, family or health) did not participate in some theoretical or practical test, or if the student did 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 examination period of the winter semester and the 2nd retaken test in the end of the examination period of the winter semester. - The student will take the retaken test only from the test/s 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 retaken (first or second theoretical and practical) tests for any reason, he/she is not entitled to an alternative test. - Student who does not justify his non-participation in writing the tests in accordance with the established rules, does not achieve at least 60% in the theoretical and practical tests (individually) and does not succeed even in the retaken term, will be evaluated with the mark “ungraded”. - Evaluation is based on 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": A = 100 – 91 %, B = 90 – 84 %, C = 83 – 75 %, D = 74 – 68 %, E = 67 – 60 %, unclassified = 59 % and less. - The final assessment takes into account the results of the continuous assessments.	

Learning outcomes:

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.

Brief outline of the course:

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.

Recommended literature:

Základná študijná literatúra:

KLUCHOVÁ, D. et al.: Anatomy of trunk and limbs, Košice, 2016

Ďalšia študijná literatúra:

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

Course language:

English

Notes:**Course assessment**

Total number of assessed students: 774

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
30.49	1.03	2.71	6.85	13.18	31.01	14.73

Provides: doc. MUDr. Adriana Boleková, PhD., prof. MUDr. Ingrid Hodorová, PhD., doc. MUDr. Dalibor Kolesár, PhD., doc. MVDr. Květuše Lovásová, PhD.

Date of last modification: 23.09.2024

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: UA/A-DM2/15	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-DM1/15	
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:	

The aim of the subject is to understand detailed anatomy of the head and neck. In the first part of the semester, students will study bones of the skull, cervical vertebrae, and connections between them, as well as muscles of the head and neck. The knowledge of the blood supply, venous and lymphatic drainages, and innervation of the 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 the innervation of the 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. Blood supply of the head and neck: common carotid artery, subclavian artery, and their 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, and vestibular pathways. Endocrine system. Skin.

Recommended literature:

Compulsory study literature:

KLUCHOVÁ, D. a kol.: Anatomy of head and neck, Košice, 2019

KLUCHOVÁ, D. a kol.: Anatomy of trunk and limbs, Košice, 2016

Recommended study literature:

LOVÁSOVÁ, K., KLUCHOVÁ, D.: Topographical anatomy of hardly accessible and clinically significant areas of head, vyd. Typopress, Košice, 2010

DRAKE, R. L., VOGL, A. W., MITCHELL, A. W. M.: Netter F. H.: Atlas of Human Saunders, 2014

WASCHKE, J., PAULSEN, F.: Sobotta: Atlas of Human Anatomy, Volume 1, 2, 3. Elsevier, 2013

ROHEN, J. W., YOKOSHI, CH., LÜTJEN-DRECOLL, E.: Color Atlas of Anatomy: A Photographic Study of the Human Body, Lippincott Williams & Wilkins, 2015

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

Course language:

Notes:

Course assessment

Total number of assessed students: 655

A	B	C	D	E	FX
2.14	6.41	15.73	19.39	40.15	16.18

Provides: doc. MUDr. Adriana Boleková, PhD., doc. MUDr. Dalibor Kolesár, PhD., doc. MVDr. Květuše Lovásová, 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/ BSW-DM/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: 7.	
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: 110

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: MUDr. Andrej Jenča, PhD., MBA, MDDr. Marcel Riznič, 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: ULCHBKB/BCHM-DM/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., doc. Ing. Beáta Hubková, PhD., RNDr. Monika Švecová, PhD., RNDr. Ivana Večurková, 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: ULCHBKB/CHDM-DM/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 exercises, 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, electropotential 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. More details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Recommended literature: Hubková B, Stupák M. et al.: Chemistry of Dental materials – Lectures, 2024, https://portal.if.upjs.sk/ Stupák M. et al.: Medical Chemistry - "Hand book" for student GM and DM, 2020, https://portal.if.upjs.sk/articles.php?aid=69	

Urban P. et al.: Chemistry – Repetitorium, <https://portal.lf.upjs.sk/articles.php?aid=236>, 2017
Smolko L. et al.: Medical Chemistry – Calculation, 2021, <https://portal.lf.upjs.sk/articles.php?aid=232>
Országhová Z., Žitňanová I. et al.: Medical chemistry, 2008

Course language:
english

Notes:

Course assessment

Total number of assessed students: 62

A	B	C	D	E	FX
0.0	3.23	6.45	12.9	59.68	17.74

Provides: doc. Ing. Katarína Dubayová, PhD., doc. Ing. Beáta Hubková, PhD., RNDr. Jana Mašlanková, PhD., RNDr. Monika Švecová, PhD., RNDr. Ivana Večurkovská, PhD., prof. Ing. Mária Mareková, CSc., doc. RNDr. Lukáš Smolko, PhD., doc. RNDr. Marek Stupák, 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/CB-DM/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/PP-DM2/15	
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: 34					
A	B	C	D	E	FX
5.88	23.53	32.35	14.71	23.53	0.0
Provides: MUDr. Eva Ďurovcová, PhD., prof. Ing. Mária Mareková, CSc.					
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/CS-DM/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: 242						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
52.89	34.3	5.79	2.89	2.07	0.83	1.24
Provides: MUDr. Margaréta Tamášová, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MUDr. Marcela Šestáková, PhD., MUDr. Marián Kyseľ, PhD., MDDr. Gabriela Verbová, PhD., MUDr. Jana Kaiferová, PhD., MUDr. Adriána Petrášová, PhD., MUDr. Andrej Jenča, PhD., MBA, MUDr. Jarmila Chrenková, PhD., MUDr. Peter Kizek, PhD., MHA, MPH						
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/CD-DM1/22	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/PDM-DM4/15	
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: 400						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
30.75	27.75	20.25	12.5	4.25	3.25	1.25
Provides: MUDr. Margaréta Tamášová, PhD., MDDr. Zuzana Minarčíková, MDDr. Adriána Mičková, MUDr. Adriána Petrášová, PhD., MDDr. Dominik Šarik, MDDr. Zuzana Drotárová, PhD., MHA, MUDr. Kristína Biganičová, MDDr. Dominika Domonkošová, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Barbara Petrišin Rudová, MDDr. Simona Fritzská						
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/CD-DM2/15	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/CD-DM1/22	
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, Vydavatel'stvo: Galén, 2008
- Rudolf Kotula · Endodoncia - filozofia a prax, Vydavatel'stvo: Herba, 2006
- Minčík, J. Kariológia, 2014, ISBN: 97880888900627
- 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: 343

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
25.66	15.16	23.62	20.99	8.45	4.66	1.46

Provides: MUDr. Adriána Petrášová, PhD., MUDr. Margaréta Tamášová, PhD., MDDr. Mária Futejová, MDDr. Adriána Mičková, MUDr. Silvia Labusová, MDDr. Zuzana Minarčíková, MDDr. Dominik Šarik, MDDr. Peter Šmocer, MDDr. Katarína Tomová, 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/CD-DM3/22	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/CD-DM2/15	
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: <ul style="list-style-type: none"> • Harthy, : Endodontics in clinical practise, ISBN-10: 0702031569, ISBN-13: 978-0702031564 • Jitka Stejskalová a kolektiv · Konzervační zubní lékařství (druhé vydání) CZ, Vydavatelství: Galén, 2008 • Rudolf Kotula · Endodoncia - filozofia a prax, Vydavateľstvo: Herba, 2006 • Vlasta Merglová a Hana Hecová · Praktická cvičení z dětského a konzervačního zubního lékařstvíCZ, Vydavatelství: Karolinum, 2010 Professional, scientific and domestic foreign magazines and books.						
Course language: English						
Notes:						
Course assessment Total number of assessed students: 308						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
27.92	27.27	18.51	18.51	5.19	1.95	0.65
Provides: MUDr. Margaréta Tamášová, PhD., MDDr. Zuzana Minarčíková, MDDr. Adriána Mičková, MDDr. Dominik Šarik, MUDr. Kristína Biganičová, 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/CD-DM4/09	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/CD-DM3/22	
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: 300

A	B	C	D	E	FX
41.0	21.33	18.33	8.0	9.0	2.33

Provides: MUDr. Margaréta Tamášová, PhD., MUDr. Adriána Petrášová, PhD., MDDr. Zuzana Minarčíková, MDDr. Mária Futejová, MDDr. Adriána Mičková, MDDr. Peter Šmocer, MDDr. Dominik Šarik, MDDr. Zuzana Drotárová, PhD., MHA, 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/CD-DM5/22	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/CD-DM4/09	
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: 276						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
29.71	33.7	15.94	14.49	3.99	2.17	0.0
Provides: MUDr. Adriána Petrášová, PhD., MUDr. Margaréta Tamášová, PhD., MDDr. Zuzana Minarčíková, MDDr. Adriána Mičková, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Dominik Šarik, MDDr. Simona Fritzká						
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/CD-DM6/15	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/CD-DM5/22	
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: 263						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
25.48	34.6	23.19	11.41	3.42	1.52	0.38
Provides: MUDr. Margaréta Tamášová, PhD., MUDr. Adriána Petrášová, PhD., MDDr. Mária Futejová, MDDr. Adriána Mičková, MDDr. Zuzana Minarčíková, MDDr. Andrea Sinčák Konečná, PhD., MUDr. Jana Ondrašovičová, PhD., MDDr. Katarína Tomová, MDDr. Viktória Dávid Kucková, Kateryna Starychenko						
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/ DMT-DM1/22	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/PDM-DM2/22	
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: 141

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
12.77	3.55	10.64	10.64	19.15	42.55	0.71

Provides: RNDr. Jana Mašlanková, PhD., doc. Ing. Beáta Hubková, PhD., doc. RNDr. Marek Stupák, PhD., RNDr. Ivana Večurková, PhD., RNDr. Monika Švecová, 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/ DMT-DM2/22	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/DMT-DM1/22	
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: 113						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	33.63	29.2	7.96	15.04	13.27	0.88
Provides: MDDr. Andrea Urbanová, PhD., MUDr. Adriána Petrášová, PhD., prof. Ing. Mária Mareková, CSc., MDDr. Juraj Bánovčín, PhD., MUDr. Margaréta Tamášová, PhD., MUDr. Ján Kučera, Ph.D., MDDr. Jana Kluknavská, PhD., MDDr. Andrea Šinčák Konečná, PhD., MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Karolina Kamila Glińska, MDDr. Zuzana Kotuličová, MDDr. Adriána Mičková, 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/DR-DM/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/PreD-DM/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., Rádiológia 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: 432					
A	B	C	D	E	FX
17.82	22.45	22.45	15.28	19.21	2.78
Provides: MUDr. Andrej Jenča, PhD., MBA, MDDr. Marcel Riznič, PhD., MUDr. Eva Janitorová, PhD., MDDr. MUDr. Beáta Bolerázska, PhD., MDDr. Dominika Domonkošová, MDDr. Zuzana Minarčíková					
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/DS-DM3/15	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/DS-DM2/22	
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: 240					
A	B	C	D	E	FX
22.5	28.75	22.5	13.75	10.0	2.5
Provides: MUDr. Peter Kizek, PhD., MHA, MPH, MUDr. Marián Kysel', PhD., MUDr. Andrej Jenča, PhD., MBA, MDDr. René Koudelka, MDDr. Adriána Mičková, MDDr. Vladislava Šaková, MUDr. Livia Sladká, PhD., MHA, MDDr. Martina Semanová, MDDr. Adela Dzurilová, MUDr. Peter Badanič, MDDr. Marcel Riznič, PhD., MDDr. Branislav Borza, PhD., MDDr. Jozef Jendruch, MUDr. Vladimíra Schwartzová, PhD., 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/DS-DM1/15	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/PDM-DM4/15	
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: 366						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
27.6	42.35	22.13	5.46	0.55	1.64	0.27
Provides: MUDr. Marián Kyseľ, PhD., MDDr. Marcel Riznič, PhD., MUDr. Andrej Jenča, PhD., MBA, MUDr. Lívia Sladká, PhD., MHA, MDDr. René Koudelka, MUDr. Peter Kizek, PhD., MHA, MPH, MDDr. Jozef Jendruch, MDDr. Karolina Kamila Glińska, MUDr. Vladimíra Schwartzová, PhD., MPH, 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: SK/DS-DM2/22	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/DS-DM1/15	
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: 338						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
29.59	42.9	16.86	8.58	0.3	1.78	0.0
Provides: MUDr. Marián Kyseľ, PhD., MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Andrej Jenča, PhD., MBA, MDDr. René Koudelka, MUDr. Livia Sladká, PhD., MHA, MDDr. Martina Semanová, MUDr. Peter Badanič, MDDr. Vladislava Šaková, MUDr. Peter Kizek, PhD., MHA, MPH, MDDr. Zuzana Kotuličová, MDDr. Peter Harich, MDDr. Tomáš Klabník						
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-DM/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: 7.	
Course level: I.II.	
Prerequisites: IK/IM-DM2/15	
Conditions for course completion: To participate at all of practical exercises. In the case of excused absence practice, student may substitute up to 3 exercise. To get at least 60 % of total score for ongoing review of the theoretical training to practical exercises. Compulsory attendance in at least 4 lectures requirements	
Learning outcomes: To familiarize the student with the field of dermatology through an overview of types of disorders, differential diagnosis of skin diseases, procedures, and treatment methods common in dermatology. Students have to be certain of history taking and should develop a basic dermatologic vocabulary that enables them to appropriately describe skin lesions. The students should be familiar with the epidemiology of sexually transmitted diseases, their clinical manifestations, modes of transmission, diagnostic methods and their appropriate treatment.	
Brief outline of the course: General dermatology, Dermatological terminology and morphology. Skin infections (viral, bacterial, mycotic, parasitic). Erythematosquamous diseases. Psoriasis. Lichen planus. Endogenous and exogenous eczemas. Atopic dermatitis. Drug eruptions, urticaria, allergic reactions. Facial dermatoses. Bullous dermatoses. Autoimmune connective tissue diseases. Hair and nail disorders. Chronic venous insufficiency. Differential diagnosis of leg ulcers. Pediatric dermatovenerology. Skin tumours. Malignant melanoma. Syphilis. STD's.	
Recommended literature: Braun-Falco, Plewig, Wolff, Winkelmann: Dermatology. Springer-Verlag, Berlin,Heidelberg, 3rd, 2000 David J., Gawkrödger: Dermatology AN ILLUSTRATED COLOUR TEXT. © Elsevier Limited 2003 Švecová, D.: Dermatology for Dentistry. 2nd rev. ed. Bratislava: Comenius University, 2019. 274 p. ISBN 978-80-223-4675-7., 2019 Baloghová, J.: General Dermatovenerology: a Practical Guide for Medical Students. 1.vyd.- Košice: Vydavateľstvo Šafárik Press UPJŠ – 99p. 2019 James G. H. Dinulos, Habif's: Clinical Dermatology, 7th Edition. A Color Guide to Diagnosis and Therapy. Elsevier.2021	

Course language: anglický					
Notes:					
Course assessment Total number of assessed students: 341					
A	B	C	D	E	FX
28.45	16.72	19.65	15.84	15.84	3.52
Provides: doc. MUDr. Janette Baloghová, PhD., MUDr. Zuzana Baranová, PhD., MUDr. Gabriela Takáčová, MBA, MUDr. Zuzana Fedáková, MUDr. Zuzana Hudáková, MUDr. Viktória Palovčíková					
Date of last modification: 11.05.2022					
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/ DTD-DM/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/SDT-DM1/22 and SK/SDT-DM2/22	
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: 258

A	B	C	D	E	FX
22.87	24.42	25.58	17.44	9.69	0.0

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: 1. KAIM/FAID-DM/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. Pass all excercises - 100% participation in exercises 2. Final test - min. 60% criteria						
Learning outcomes: Acquisition of practical skills by students so that they are able to provide first aid before the arrival of the rescue service.						
Brief outline of the course: Emergency Rescue and Transfer – Removal from Automobile. Basic Resuscitation Steps: Respiratory Emergencies, Airway Obstructions, Cardiopulmonary Resuscitation - Basic life support. Unconscious Victim. Wounds – Definition, Causes, First Aid for Open Wounds. Heat Stroke. Burns – First Aid						
Recommended literature: First Aid Manual (Dk First Aid) John Ambulance (Author), 10th edition, 2014, ISBN: 978-1-4093-4200-7 First Aid for Babies and Children by DK, DK (Author) , 5th edition, 2012, ISBN: 978-1409379126						
Course language: English language						
Notes:						
Course assessment Total number of assessed students: 594						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
32.32	14.48	19.7	10.77	7.58	12.12	3.03
Provides: prof. MUDr. Radoslav Morochovič, PhD., MUDr. Vladimír Hudák, PhD., MUDr. Judita Capková, PhD., MUDr. Štefan Ivanecký, MUDr. Adam Fabian, MUDr. Roman Kyseľ, MUDr. Miroslav Sučko, MUDr. Jana Šimonová, PhD., 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: USL/ FML-DM/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-DM2/19 and UA/A-DM2/15	
Conditions for course completion: Attendance on lectures and seminars to the specified extent, successful completion of a credit test and oral exam. Detailed conditions for mandatory participation and forms of evaluation are available on the department's website. https://www.upjs.sk/en/faculty-of-medicine/department/forensic-medicine/teaching/courses/dr/	
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 the forensic medicine. Role of forensic medicine in Slovakia and worldwide. Concept of forensic medicine in Slovakia. Health Care Surveillance Authority. Examination of the dead body at the scene of death. Coroner system and medical examiner system. Medical examination of the dead in Slovakia. Types of autopsies. Autopsy procedure. Neonatal autopsy. Documentation required for the autopsy. Autopsy diagnosis. Autopsy report. Medicolegal death investigation. Postmortem changes. Supravital and vital reactions. Identification of the living and the dead. Forensic dentistry. Identity of decomposed or skeletalised remains. Identification in mass disasters. Exhumation. Natural (non-violent) death in adults. Natural (non-violent) death in children. Sudden infant death syndrome. Violent death in children. Child abuse and neglect. Pregnancy and childbirth. Sexual offenses. Violent death. Mechanical injuries. Examination of wounds. Blunt and sharp force injuries. 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. Medical errors. Iatrogenic damage. Expert activity in medical profession. Forensic expert activity. Forensic medical examination of the living persons. 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.					
Recommended literature: REDDY, K. S. N., and O. P. MURTY. The Essentials of Forensic Medicine and Toxicology. 33rd edition. New Delhi: Jaypee Brothers Medical Publishers Ltd., 2014. DIMAIO, V. J., and D. DIMAIO. Forensic Pathology. 2nd edition. Boca Raton: CRC Press, 2001. PAYNE-JAMES, J., JONES, R., KARCH, S. B. and MANLOVE, J. Simpson's Forensic Medicine. 13th edition, London: Hodder Arnold, 2011. SENN, D. R., STIMSON, P. G. Forensic Dentistry. 2nd edition. Boca Raton: CRC Press, 2010. BURTON, J., S. SAUNDERS, and S. HAMILTON. Atlas of Adult Autopsy Pathology. Boca Raton: CRC Press, 2015. LONGAUER, F., N. BOBROV, and P. LÁBAJ. Practising in Forensic Medicine. Košice: UPJŠ, 2000. SENN, D. R., STIMSON, P. G. Forensic Dentistry. 2nd edition. Boca Raton: CRC Press, 2010.					
Course language: English					
Notes:					
Course assessment Total number of assessed students: 319					
A	B	C	D	E	FX
75.24	10.03	9.4	3.45	1.25	0.63
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/FMF/24	Course name: Foundation 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: 2., 4., 6., 8., 10.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Thought exercises – students will complete a thought exercise assignment. These exercises will ask students to reflect upon their own practice (20 points). Daily practices and mindfulness journals – students will commit to completing daily mindfulness exercises designed to cultivate and strengthen greater mindfulness practice. Daily brief reflections (1-2 paragraphs) in their mindfulness journals will chronicle insights. At least five entries per week required for full credit (70 points). Assessments - both at the beginning and end of the course, students will take the Mindfulness Attention Awareness Scale (MAAS), a self-administered and scientifically validated tool, to quantifiably measure any changes in perceived level of mindfulness. Scores are not recorded for grading purposes; students receive points for completion (10 points). Evaluation according to the current study rules and regulations.	
Learning outcomes: At the completion of this course, students will be able to: <ol style="list-style-type: none"> 1. Define the history and philosophical basics of spiritual and secular mindfulness practice. 2. Recognize how theory and research support the benefits of mindfulness practice. 3. Describe the practices and benefits of mindfulness practice. 4. Apply an informed mindfulness practice of their own. 5. Describe how mindfulness training can help them in their own lives and careers. 6. Identify the connections between mindfulness, stress, resilience, connection, and sense of belonging. 	
Brief outline of the course: Definition of Mindfulness Practicing Mindfulness Attending to the Present Acceptance Mindfulness and the Self	
Recommended literature:	

Harris, Dan. 10% Happier: How I Tamed the Voice In My Head, Reduced Stress Without Losing My Edge, and Found Self-Help That Actually Works—A True Story. Harper Collins: New York. 2014

Kabat-Zinn J. Full Catastrophe Living: Using the Wisdom of Your Body and Mind to Face Stress, Pain, and Illness. Bantam Books: New York. 2013

Kabat-Zinn J. Wherever You Go, There You Are: Mindfulness Meditation. Hyperion Books: New York. 1994

Salzberg S. Real Happiness: The Power of Meditation—A 28-Day Program. Workman Publishing: New York. 2011.

Sapolsky R. Why Zebras Don't Get Ulcers: The Acclaimed Guide to Stress, Stress-Related Diseases, and Coping, 3rd Ed. St. Martin's Griffin: New York. 2004.

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:

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: SK/GS-DM/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/PE-DM2/22 and SK/MFS-DM1/22 and SK/PD-DM5/22	
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: 174

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
8.05	66.67	16.67	6.32	0.57	1.72	0.0

Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Peter Kizek, PhD., MHA, MPH, MUDr. Adriána Petrášová, PhD., MUDr. Margaréta Tamášová, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MUDr. Marcela Šestáková, PhD., MUDr. Andrej Jenča, PhD., MBA, MUDr. Jarmila Chrenková, 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: G-PK/ G-DM/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/S-DM2/15	
Conditions for course completion: 100 % presences on lectures, minimum 60 % point in exam test (mark E)	
Learning outcomes: Learningt outcomes: Gettinng knowledge about acute conditions in gynecology and obsterics which in topics which could by usefull in dental medicine office.	
Brief outline of the course: Basic assessment in Gynecology and Obsterics, 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. Gynecolglcal disorders and their impact on oral cavity.	
Recommended literature: Study literature: Čech E., et al., Porodnictví, 1999 Citterbart, K., et al., Gynekologie, 2001 Martius G., et al., Gynekológia a pôrodnictvo, 1997 Pont'uch A., et al., Gynekológia a pôrodnictvo, 1989 Pont'uch A., et al., Gynekológia a pôrodnictvo, 1987 Poradovský K., et al., Gynekológia, zv. 1, 1982 Poradovský K., et al., Pôrodnictvo, zv. 2, 1982 Chamberlain G., et al., Illustrated textbook of obstetrics, 1991 Tindall V. R., et al., Illustrated textbook of gynaecology, 1991 Gabbe S. G., et al., Obstetrics, 1996 Varga J., et al., Praktikum z gynekológie a pôrodnictva, 2022	
Course language: english	
Notes:	

Course assessment					
Total number of assessed students: 263					
A	B	C	D	E	FX
17.11	44.49	27.38	5.7	4.94	0.38
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-DM1/24	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: 1. Adamkov M. et al.: Introduction to FUNCTIONAL HISTOLOGY, P+M Turany, 2016 2. Mechírová E., Domoráková I., Tóth Š. et al.: Study material of Histology and Embryology - Supplement, 2013 http://www.lf.upjs.sk/uhe/histology_topics/ 3. Mechírová E. and Domoráková I.: *HISTOLOGY, Practical lessons, 2020 4. Junqueira L. C. et al.: Basic Histology, McGraw Hill Education, 2016 5. Moore K. L. and Persaud T. V. N.: Before We Are Born, Essentials of Embryology and Birth Defects, Elsevier, 2015 Other recommended literature: 1. Nanci A.: Ten Cate's Oral Histology, Elsevier, 2018	

2. Ovalle W. K. and Nahirnay P. C.: Netters's ESSENTIAL HISTOLOGY, Illustrations, colour atlas, 2013, 2020 https://www.upjs.sk/public/media/9552/EN_HE1_Literature%20DM.pdf						
Course language: English						
Notes:						
Course assessment Total number of assessed students: 791						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
29.08	0.63	3.03	8.34	17.07	21.87	19.97
Provides: doc. MVDr. Štefan Tóth, PhD., MUDr. Alexandra Kunová, RNDr. Kristína Čurgali, PhD., MVDr. Zuzana Fagová, PhD., MVDr. Katarína Hajovská, PhD., MVDr. Monika Holodová, PhD.						
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-DM2/24	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-DM1/24	
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/DM-HE2-requirements-2024-25.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.	
Brief outline of the course: Skin, cardiovascular system, lymphatic system, Respiratory system, Digestive system: oral cavity, digestive tube, 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/DM-HE2-sylabus-2024-25.pdf	
Recommended literature: 1. Adamkov M. et al.: Introduction to FUNCTIONAL HISTOLOGY, P+M Turany, 2016 2. Mechírová E., Domoráková I., Tóth Š. et al.: Study material of Histology and Embryology - Supplement, 2013 http://www.lf.upjs.sk/uhe/histology_topics/ 3. Mechírová E. and Domoráková I.: *HISTOLOGY, Practical lessons, 2020	

4. Junqueira L. C. et al.: Basic Histology, McGraw Hill Education, 2016
 5. Moore K. L. and Persaud T. V. N.: Before We Are Born, Essentials of Embryology and Birth Defects, Elsevier, 2015
 Other recommended literature:
 1. Nanci A.: Ten Cate's Oral Histology, Elsevier, 2018
 2. Ovalle W. K. and Nahiray P. C.: Netters's ESSENTIAL HISTOLOGY, Illustrations, colour atlas, 2013, 2020
https://www.upjs.sk/app/uploads/sites/9/2022/11/EN-HE2_Literature-DM.pdf

Course language:

English

Notes:

Course assessment

Total number of assessed students: 713

A	B	C	D	E	FX
2.52	4.77	12.76	17.39	22.02	40.53

Provides: doc. MVDr. Štefan Tóth, PhD., MUDr. Alexandra Kunová, MVDr. Katarína Hajovská, PhD., MVDr. Monika Holodová, PhD., RNDr. Kristína Čurgali, PhD., MVDr. Zuzana Fagová, PhD., 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-DM/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-DM2/15	
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: RIMÁROVÁ, K.: Environmental medicine – hygiene. Košice, Univerzita Pavla Jozefa	

<p>Šafárika v Košiciach, 2006. - 148 s. - ISBN 80-7097-646-2. RIMÁROVÁ, K.: Compendium of Hygiene. Košice, Univerzita Pavla Jozefa Šafárika, 2014. - 210 s. - ISBN 9788081521676 (brož.). KOLARZYK, E.: Selected topics on hygiene and human ecology. Edited by http://www.e-nujag.cm-uj.krakow.pl/materialy/higiena/main.pdf. Paustenbach, D.J.: The Risk Assessment of Environmental and Human Health Hazards: Textbook of Case Studies, 1989, 220 s., ISBN. 978-0471849988. Bonita R et al.: Basic Epidemiology: A textbook for students. 2nd Edition. WHO 2009, available at: https://apps.who.int/iris/bitstream/handle/10665/43541/9241547073_eng.pdf?sequence=1 Celentano D. et al. Gordis Epidemiology. 6th Edition. Elsevier, 2019, 420 pp. The Challenge of Oral Disease – A call for global action. The Oral Health Atlas. 2nd ed. Geneva: FDI World Dental Federation; 2015.</p>					
Course language: English					
Notes:					
Course assessment Total number of assessed students: 248					
A	B	C	D	E	FX
15.32	29.03	28.23	16.53	10.89	0.0
Provides: prof. MUDr. Kvetoslava Rimárová, CSc., prof. MVDr. Monika Halánová, PhD., prof. MVDr. Tatiana Kimáková, 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: ULM/I-DM/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/MHB-DM2/15					
Conditions for course completion: tests, 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: english					
Notes:					
Course assessment Total number of assessed students: 523					
A	B	C	D	E	FX
20.84	10.71	21.03	13.0	20.08	14.34
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. Radka Slobodníková, PhD.					
Date of last modification: 13.07.2022					
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: KICM/I-DM/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: 8.					
Course level: I.II.					
Prerequisites: IK/IM-DM2/15					
Conditions for course completion:					
Learning outcomes: Evaluation of acquired knowledge: The rating conditions remain unchanged, exam is oral. If necessary, students will be informed about the change in time.					
Brief outline of the course: The nature of infectious diseases, principles of diagnosis. Intestinal infections. Viral hepatitis. Respiratory infections. Neuroinfections. HIV / AIDS. Anti-infective therapy. Infections of the oral cavity. Differential diagnosis of fever of unknown origin, COVID-19, Prevention of infectious diseases.					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 319					
A	B	C	D	E	FX
44.83	23.51	14.73	9.4	5.96	1.57
Provides: MUDr. Ivana Hockicková, PhD., Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD., MUDr. Martin Novotný, PhD., doc. MUDr. Zuzana Paraličová, PhD., prof. MUDr. Ivan Schréter, CSc., prof. MUDr. Pavol Kristian, PhD., MUDr. Patrícia Denisa Lenártová, PhD., MUDr. Štefan Porubčín, PhD., MUDr. Ondrej Zahornacký, PhD.					
Date of last modification: 07.09.2021					
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: IK/IM-SS-DM/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-DM5/15	
Conditions for course completion: Obtaining a minimum number of credits for compulsory and compulsory elective subjects in the prescribed composition 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: Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER 2020 Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed 2017 Macejová Ž., Aljubouri A.: Selected rheumatology topics for medical students, Academic text book 2019	
Course language: english	
Notes:	

Course assessment					
Total number of assessed students: 281					
A	B	C	D	E	FX
11.74	14.59	19.57	21.0	29.18	3.91
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-DM1/16	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/MP-DM2/15	
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: Chrobák L, Grall T, Kvasnička J. Physical examination in Internal Medicine, GRADA Publishing 2003 P.J. Toghil: Examining Patients. An Intoduction to Clinical Medicine, 1993. 1993 Kumar P., Clark M.: 10th Edition, ELSEVIER 2020	

Course language: english						
Notes: The subject Internal Medicine 1 is provided only in the winter term.						
Course assessment Total number of assessed students: 452						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
35.4	40.71	11.28	4.87	1.99	5.31	0.44
Provides: prof. MUDr. Peter Mitro, DrSc., doc. MUDr. Jozef Gonsorčík, CSc., prof. MUDr. Ľubomír Legáth, PhD., doc. MUDr. Pavol Joppa, PhD., MUDr. Marek Varga, PhD., prof. MUDr. Ružena Tkáčová, DrSc., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Marta Jakubová, PhD., MUDr. Miloš Šimurda, PhD., prof. MUDr. Ján Fedačko, PhD., MUDr. Anna Ťurgeová, PhD., doc. MUDr. Pavol Pobeha, PhD., MUDr. Soroush Rastin						
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-DM2/15	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-DM1/16	
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: Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER 2020	

Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed 2017						
Course language: english						
Notes: The subject Internal Medicine 2 is provided only in the summer term.						
Course assessment Total number of assessed students: 417						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
33.81	37.41	14.63	7.67	1.92	3.6	0.96
Provides: prof. MUDr. Želmíra Macejová, PhD., MPH, prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Peter Mitro, DrSc., prof. MUDr. Ľubomír Legáth, PhD., doc. MUDr. Viola Vargová, PhD., MUDr. Jana Deptová, PhD., MUDr. Tomáš Guman, PhD., MBA, MUDr. Dominik Pella, PhD., MUDr. Martin Kaško, PhD., MUDr. Soroush Rastin						
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-DM3/15	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-DM2/15	
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: 1. 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:	

english						
Notes: The course Internal Medicine 3 is provided only in the winter term.						
Course assessment Total number of assessed students: 347						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
30.26	46.69	10.09	6.05	2.59	4.32	0.0
Provides: prof. MUDr. Jozef Pella, PhD., prof. MUDr. Peter Mitro, DrSc., prof. MUDr. Gabriel Valočik, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Pavol Joppa, PhD., doc. MUDr. Eduard Veseliny, PhD., MUDr. Anna Ťrgeová, PhD., MUDr. Katarína Tokarčíková, PhD., MUDr. Emil Fraenkel, PhD., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Jana Deptová, PhD., MUDr. Zora Lazúrová, PhD., MUDr. Alena Yaluri, PhD.						
Date of last modification: 26.08.2022						
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: IK/IM-DM4/15	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-DM3/15	
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: 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. Disorders of the liver and pancreas, jaundice. Inflammatory and tumor diseases of small and large bowel. Diseases of hypothalamus and hypophysis. Diseases of thyroid gland and parathyroid. 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: Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER 2020 Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed 2017	
Course language:	

english						
Notes: The course Internal Medicine 4 is provided only in the summer term.						
Course assessment Total number of assessed students: 323						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
31.58	34.98	17.03	8.67	4.02	3.41	0.31
Provides: prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Ivana Valočiková, PhD., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, doc. MUDr. Ingrid Dravecká, PhD., MUDr. Zora Lazúrová, PhD., MUDr. Emil Fraenkel, PhD., MUDr. Katarína Tokarčíková, PhD., MUDr. Martin Ihnatko, PhD., MUDr. Martin Kaško, PhD.						
Date of last modification: 26.08.2022						
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: IK/IM-DM5/15	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-DM4/15	
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: Fever and subfebrility. Focal infection and sepsis. Disorders of the electrolyte metabolism. Treatment with glucocorticoids. 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. Acute states in endocrinology. 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:	

Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER 2020 Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed 2017 Macejová Ž., Aljubouri A.: Selected rheumatology topics for medical students, Academic text book 2019						
Course language: english						
Notes: The subject Internal Medicine 5 is provided only in the winter term in block teaching.						
Course assessment Total number of assessed students: 305						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
27.21	43.61	21.64	6.23	0.98	0.33	0.0
Provides: prof. MUDr. Želmíra Macejová, PhD., MPH, prof. MUDr. Peter Mitro, DrSc., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Martin Janičko, PhD., doc. MUDr. Eduard Veseliny, PhD., doc. MUDr. Eva Szabóová, PhD., MUDr. Juliana Gabzdilová, PhD., MBA, MUDr. Tomáš Guman, PhD., MBA, prof. MUDr. Gabriel Valočik, PhD., doc. MUDr. Pavol Joppa, PhD., MUDr. Martin Ihnatko, PhD.						
Date of last modification: 02.11.2023						
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/ MDP-DM/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: 234						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
7.26	77.78	10.26	1.71	0.43	0.0	2.56
Provides: MUDr. Andrej Jenča, PhD., MBA, MDDr. Juraj Bánovčin, PhD., MDDr. René Koudelka						
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/ MFS-SS-DM/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/MFS-DM2/15 and SK/PC-DM3/22					
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: 240					
A	B	C	D	E	FX
48.33	20.42	12.5	8.75	9.58	0.42
Provides:					
Date of last modification: 14.07.2022					
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/ MFS-DM1/22	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/DS-DM3/15	
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: 209						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
6.22	55.98	35.41	1.91	0.48	0.0	0.0
Provides: MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Peter Kizek, PhD., MHA, MPH, MUDr. Marián Kyseľ, PhD., MUDr. Lívia Sladká, PhD., MHA, MUDr. Peter Badanič, MDDr. René Koudelka, MDDr. Vladislava Šaková, MUDr. Martina Viňanská, MUDr. Andrej Jenča, PhD., 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/ MFS-DM2/15	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/MFS-DM1/22	
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: 244						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
28.28	41.39	18.03	12.3	0.0	0.0	0.0
Provides: MDDr. Marcel Riznič, PhD., MDDr. Jozef Jendruch, MUDr. Andrej Jenča, PhD., MBA, MDDr. René Koudelka, MUDr. Peter Kizek, PhD., MHA, MPH, MDDr. Branislav Borza, PhD., MDDr. Vladislava Šaková, MUDr. Marián Kysel', PhD., MUDr. Livia Sladká, PhD., MHA, MUDr. Peter Badanič, MUDr. Igor Kopsa, MDDr. Tomáš Klabník, MUDr. Martina Viňanská, MUDr. Vladimíra Schwartzová, PhD., MPH, MDDr. Karolina Kamila Glińska, 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/MBCH-DM1/16	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/MCH-DM/22	
Conditions for course completion: lectures, seminars, practical exercises, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/departament/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/departament/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: 602						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
37.38	0.33	2.49	8.47	14.12	27.24	9.97
Provides: doc. RNDr. Marek Stupák, PhD., prof. Ing. Mária Mareková, CSc., doc. Ing. Katarína Dubayová, PhD., doc. Mgr. Peter Urban, PhD., doc. Ing. Beáta Hubková, PhD., RNDr. Jana Mašlanková, PhD., doc. RNDr. Beáta Čížmárová, PhD., RNDr. Zuzana Badovská, PhD., RNDr. Katarína Fiedlerová						
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/MBCH-DM2/15	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/MBCH-DM1/16	
Conditions for course completion: lectures, seminars, practical exercises, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/departament/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/departament/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: 492					
A	B	C	D	E	FX
1.83	2.03	9.76	17.68	52.03	16.67
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. Jana Mašlanková, PhD., doc. MUDr. Anna Birková, PhD., doc. RNDr. Beáta Čižmarová, 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: ULBF/MBF-DM/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: 2.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: The assessment of the student's knowledge in the teaching part of the period consists of the written tests on the exercises, reports on the measured topic and a written test on the topics from the lectures. Mandatory attendance at the lectures is at least 60%. The student must master the lecture topics at the final exam in the content and form presented, even when he has not participated in the lecture. The admittance for the final examination is allowed, if the student obtains at least 60% of the maximum theoretically attainable number of points during the semester. The exam takes place in a written form (100%) by the full-time method. The condition for successful passing of the exam is to elaborate an answer to at least 60% of the required knowledge.	
Learning outcomes: At the end of the course students will become familiar with the elementary knowledge about physical background of processes in human body on molecular, atomic and subatomic level. The students will understand physical principles of diagnostic and therapeutic devices, as well as biophysical effects in human body after application of biophysical techniques, encountered side effects and safe, efficient usage of medical devices in practice. The course will introduce also the subjects of molecular biophysics, membrane biophysics, and biomechanics. As the additional benefit from the course students will be able to address biophysical problems having close relationship to health and sickness in man.	
Brief outline of the course: Relation physics and medicine, Structure of matter, Nuclear radiation and its application in medicine, The sources of the own and mediated biosignals - Magnetic resonance imaging, Lasers, X rays and Computed tomography, Pulse oximetry and Ultrasound, Disperse system – classification and physical properties, Transport processes – flow, diffusion, Membrane biophysics and bioelectricity, Biomechanics. Biophysics of the cardiovascular system.	
Recommended literature: Fundamentals of Biophysics and Medical Technology, I. Hrazdira, V. Mornstein et al., Masaryk University, Faculty of Medicine, Brno 2012 Introduction to biophysics with medical orientation, edited by G.Rontó, I.Tarján, Akadémiai Kiadó, Budapest, 1991 Medical biophysics practical exercises, M. Legiň et al., VŠ učebné texty, Košice 2009	

Course language:					
Notes:					
Course assessment					
Total number of assessed students: 676					
A	B	C	D	E	FX
1.33	3.99	13.76	26.63	43.34	10.95
Provides: RNDr. Imrich Géci, PhD., RNDr. Michaela Šulíková, PhD., RNDr. Miroslav Marcin, PhD., doc. RNDr. Ján Sabo, CSc., univerzitný profesor, RNDr. Soňa Tkáčiková, 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: ULCHBKB/MCH-DM/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 exercises, 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: Mareková M. et al.: Medical Chemistry – Lectures, 2021, https://portal.lf.upjs.sk/articles.php?aid=38 Stupák M. et al.: Medical Chemistry - "Hand book" for student GM and DM, 2020, https://portal.lf.upjs.sk/articles.php?aid=69 Urban P. et al.: Chemistry – Repetitorium, https://portal.lf.upjs.sk/articles.php?aid=236 , 2017 Smolko L. et al.: Medical Chemistry – Calculation, 2021, https://portal.lf.upjs.sk/articles.php?aid=232	

Országhová Z., Žitňanová I. et al.: Medical chemistry, 2008					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 688					
A	B	C	D	E	FX
1.45	2.03	7.7	16.86	51.02	20.93
Provides: doc. RNDr. Marek Stupák, PhD., doc. Ing. Katarína Dubayová, PhD., doc. RNDr. Vladimíra Tomečková, PhD., univerzitná profesorka, doc. Mgr. Peter Urban, PhD., prof. Ing. Mária Mareková, CSc., RNDr. Jana Mašlanková, PhD., doc. Ing. Beáta Hubková, PhD., RNDr. Katarína Fiedlerová, doc. MUDr. Anna Birková, 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: CJP/ LFMCS/11	Course name: Medical Communication in Slovak
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: 5., 7.	
Course level: I.II.	
Prerequisites: Dek. LF UPJŠ/SL-GM1/09 or Dek. LF UPJŠ/SL-GM2/15 or Dek. LF UPJŠ/SL-DM2/15 or Dek. LF UPJŠ/SL-DM1/09	
Conditions for course completion: Active participation is required. Students are not allowed to have more than 2 absences during the semester. There are 2 written tests (weeks 7 and 13). The result of each test must be at least 60%. Students are given the opportunity to retake the tests in the last week of the semester (week 14). Students with a result lower than 60% are not allowed to register for the final exam, i.e., their final grade is FX. The final assessment is based on the result of the final written exam. Grading scale: A 100-91%, B 90-84%, C 83-75%, D 74-68%, E 67-60%, FX 59%. The study form: in person/ distance/combined in accordance with epidemiological situation and the Rector's ordinances.	
Learning outcomes: After completing the course, students are able to communicate with patients in various departments in the hospital. They can take a history using specific questions and giving instructions to the patients depending on the department/clinic.	
Brief outline of the course: Basic Doctor-Patient Communication. Formal and Informal You in Slovak. General Communication Depending on the Environment (Pharmacy, Hospital, Outpatient Department). Basic Medical Anamneses in the Slovak Language - General Anamnesis, Patient Admission. Family History and Past Illnesses. Pain - Time Factors, Types and Causes of Pain. Creating a Medical Report. Drug History - Types of Drugs, Contraindications, Side Effects. Neurological Examination. Unpleasant Examinations. Orthopaedic Examination. Basic Phrases, Creating Dialogues, Reading Comprehension. Surgical Examination. Injuries We Might Encounter at the Department of Surgery- Discussion. Cardiovascular Examination.	
Recommended literature: Materials prepared by teachers in print and electronic forms.	
Course language: Slovak Language A1.1 - A1.2	
Notes:	

Course assessment					
Total number of assessed students: 351					
A	B	C	D	E	FX
51.85	15.38	13.68	9.12	6.55	3.42
Provides: Mgr. Veronika Pálová, PhD.					
Date of last modification: 16.09.2024					
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: CJP/ LFME/11	Course name: Medical 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.II.	
Prerequisites: KKF/LFMT/07	
Conditions for course completion: Test, attendance. Final exam - test. Grading scale: A 100-93 %, B 92-85 %, C 84-77 %, D 76-69 %, E 68-60 %, FX 59% and less.	
Learning outcomes: The development of students' language skills (reading, listening, speaking), improvement of their linguistic competence (phonological, lexical and syntactic aspects), and pragmatic competence, students can effectively use the language for a given purpose, with focus on English for specific/professional purposes - General medicine, level B2.	
Brief outline of the course: Medical English. Vocabulary and pronunciation. Formal/informal, technical (medical)/common vocabulary. The human body. Functions of the human body. Diseases and their symptoms. Functional grammar - defining, classifying, expressing function.	
Recommended literature: Glendinning, E.H.- Howard, R.: Professional English in Use – Medicine, CUP, 2007 Fitzgerald, P., McCullagh, M., Wright, R.: English for Medicine in Higher Education Studies. Garnet Education, 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: 2302					
A	B	C	D	E	FX
35.53	18.9	16.9	13.21	12.03	3.43
Provides: PhDr. Marianna Škultétyová, Mgr. Zuzana Kolaříková, PhD.					
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: USL/ MEaP-DM/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. Detailed conditions for mandatory participation and forms of evaluation are available on the department's website. https://www.upjs.sk/en/faculty-of-medicine/department/forensic-medicine/teaching/courses/dr/	
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:

BOBROV, N., FARKAŠOVÁ IANNACCONE, S., SOPKOVÁ, D., NERANTZAKIS, I. Medical Ethics. Košice: Pavol Jozef Šafárik University, 2017.

BOYLAN, M. Medical Ethics. 2nd edition. New York: Wiley-Blackwell, 2014.

TALBOT, M. Bioethics: an introduction. Cambridge: Cambridge University Press, 2012.

JONSEN, A. R., SIEGLER, M., WINSLADE, W. J. Clinical Ethics: A Practical Approach to Medical Decisions in Clinical Medicine. 6th edition. New York: The McGraw-Hill Company Inc., 2007.

HOPE, T. Medical Ethics: A Very Short Introduction. New York: Oxford University Press Inc., 2004.

CAMPBELL, A., GILLETT, G. and JONES G. Medical Ethics. 3rd edition. Victoria: Oxford University Press, 2001.

Course language:

English

Notes:

Course assessment

Total number of assessed students: 504

A	B	C	D	E	FX
63.89	17.66	12.1	2.98	3.37	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, MUDr. Michaela Pristášová

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-DM1/15	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:
english

Notes:

Course assessment

Total number of assessed students: 586

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
31.4	2.9	8.02	20.65	21.33	12.12	3.58

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-DM2/15	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-DM1/15	
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. Dale E. Mattson, Ph.D., Statistics, Difficult concepts, understandable explanations, Bolchay - Carducci Publishers, 1999. 3. Douglas G. Altman, Practical Statistics for Medical Research, CHAPMAN @ HALL, London, 1994. 4. 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. 5. Majerník Jaroslav: Hospital information system. 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=107 >. ISSN 1337-7000.	

6. Manuals of information systems used in health care system.					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 352					
A	B	C	D	E	FX
1.42	14.2	38.92	25.28	19.32	0.85
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/ MP-DM1/22		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: 596						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
34.9	1.17	3.69	7.05	18.12	31.71	3.36
Provides: prof. MUDr. Viliam Donič, CSc., prof. MUDr. Mária Pallayová, PhD., prof. RNDr. Pavol Švorc, CSc., RNDr. Judita Štimmelová, PhD., doc. RNDr. Soňa Grešová, PhD., MUDr. Andrea Brandeburová, PhD., MUDr. Igor Peregrim, PhD., Mgr. Viktória Kapsdorferová						
Date of last modification: 03.03.2023						

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/ MP-DM2/15		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/MP-DM1/22					
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: exam					
Brief outline of the course: Thermoregulation. General neurophysiology. Sensory physiology. Motor nervous system. Autonomous nervous system. Higher functions of the CNS. Physiology of the muscles and work. Endocrinology. Specialized lectures (childhood physiology, stress, biorhythms)					
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: 540					
A	B	C	D	E	FX
7.41	10.0	19.26	15.37	42.04	5.93
Provides: prof. MUDr. Viliam Donič, CSc., prof. MUDr. Mária Pallayová, PhD., prof. RNDr. Pavol Švorc, CSc., doc. RNDr. Soňa Grešová, PhD., RNDr. Judita Štimmelová, PhD., MUDr. Andrea Brandeburová, PhD., MUDr. Igor Peregrim, PhD., 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/LFMT/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: PLEASE READ: Some parts of lessons may continue as distance e-learning. Students must follow NEWS BOARD (see point 5). 1) ACTIVE PARTICIPATION has effect on the final mark. It consists of: being 100 % present on every class in the winter semester, cooperation with the teacher, preparing given homework. Each of the students has maximum of 2 absences. The student that has more than 2 absences (without providing legitimate official documents explaining the reason of missed classes) will be excluded from taking pre-term exam (see Notes) or can be considered to fail the subject Medical Terminology. 2) HOMEWORK is compulsory. For each lesson, the students are expected to prepare any kind of homework that teacher gives as it is fundamental for the final exam. 3) TWO CREDIT TESTS DURING THE SEMESTER. There will be two written short tests focused on translation of medical terms. Each of the tests has 20 points maximum (therefore 40 points together). These points will be counted in the final exam's points. 4) FINAL EXAM. The final exam test itself has 110 points maximum. All three parts together (two short tests + final exam) have 150 points maximum. Students need more than 89 points out of 150 (60%) from all three parts together to pass the Medical Terminology subject. Maximum of points (all three parts together) is presented here: SCALE: A = 150 - 139 B = 138 - 127 C = 126 - 114 D = 113 - 102 E = 101–90 FX = 89 – 0 5) NEWS BOARD. It is mandatory for every student to follow all the news that will be uploaded on this page: https://upjsmedicalterminology.blogspot.com Students can find there: information about cancellation of classes, change of rooms, information for tests and exams, all the additional information and documents for homeworks, etc.	
Learning outcomes: The aim of the Medical Terminology is to provide students with the basics of Latin and Greek medical terms that are necessary for further study of medicine. After completing the course, the	

student classifies Latin nouns and adjectives into individual declensions. Based on the acquired grammar rules, the student translates medical terms from Latin into English and vice versa. The student identifies individual parts of words and on this basis correctly derives the meaning of individual terms in Latin and also in English.

Brief outline of the course:

The whole course is based on the book: KAVEČANSKÁ, A., & ŠALAMON, P. (2017). The basics of Graeco-Latin medical terminology (First edition.). Košice: University of Pavol Jozef Šafárik in Košice

1. week: Introduction to Medical Terminology
2. week: UNIT 1 - 1st Latin and Greek declensions, adjectives
3. week: UNIT 2
4. week: UNIT 3
5. week: UNIT 4 + UNIT 6
6. week: CREDIT TEST 1 + UNIT 5
7. week: UNIT 7
8. week: UNIT 8
9. week: UNIT 9 + repetition
10. week: CREDIT TEST 2 + UNIT 10
11. week: UNIT 11
12. week: UNIT 12
13. week: UNIT 13 + repetition

Recommended literature:

KAVEČANSKÁ, A., & ŠALAMON, P. (2017). The basics of Graeco-Latin medical terminology (First edition.). Košice: University of Pavol Jozef Šafárik in Košice
 BUJALKOVÁ, M., JUREČKOVÁ, A. (2004). Introduction to latin medical terminology. Bratislava: Univerzita Komenského.
 ČERNÝ, K. (2013). Guide to Basic Medical Terminology. Praha: Karolinum.
 SVOBODOVÁ, D. (2006). An introduction to Greco-Latin Medical Terminology. 3. vyd. Praha: Karolinum.
 COHEN, B. J., & DePETRIS, A. (2014). Medical terminology: An illustrated guide (7th ed.). Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins.
 DORLAND, I. (1988). Dorland's illustrated medical dictionary (27th ed.). Philadelphia ; London ; Toronto: W. B. Saunders Company.
 NETTER, F. H. (2006). Atlas of human anatomy (4th ed.). Philadelphia, Pa.: Saunders.
 Recommended online courses and exercises:
<https://medterminology.com>

Course language:

English language

Notes:

PRE-TERM FINAL EXAM. Only those students that will have 100% full attendance record (list) with no absences will be allowed to take a pre-term final exam.

Course assessment

Total number of assessed students: 5081

A	B	C	D	E	FX
11.97	13.52	17.87	21.02	31.73	3.9

Provides: PhDr. Pavol Šalamon, Mgr. Alexandra Kavečanská, PhD., prof. PhDr. František Šimon, CSc.

Date of last modification: 14.09.2024

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: ULBL/ MHB-DM1/15	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: Židzik J. et al.: Medical Biology and Genetics. Second edition, Equilibria, 2015, 296 p. Mičková et al.: Biology: practical lessons. Second edition, Equilibria, 2020, 98 p.	

Course language:						
Notes:						
Course assessment						
Total number of assessed students: 760						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
31.32	0.66	2.89	13.29	18.03	20.39	13.42
Provides: prof. RNDr. Ján Šalagovič, PhD., RNDr. Helena Mičková, PhD., RNDr. Jozef Židzik, PhD., RNDr. Lucia Klimčáková, PhD., doc. RNDr. Peter Solár, PhD., RNDr. Martina Šemeláková, PhD., RNDr. Eva Slabá, 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/MHB-DM2/15	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/MHB-DM1/15	
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 general biology and human genetics, including mutations and their role in pathogenesis in human diseases, Mendelian genetics, quantitative and population genetics. 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 human and molecular genetics and have obtained basic information related to genetic 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: Židzik J. et al.: Medical Biology and Genetics. Second edition, Equilibria, 2015, 296 p. Mičková et al.: Biology: practical lessons. Second edition, Equilibria, 2020, 98 p.	

Course language:					
Notes:					
Course assessment					
Total number of assessed students: 615					
A	B	C	D	E	FX
6.5	12.68	19.19	28.46	27.15	6.02
Provides: prof. RNDr. Ján Šalagovič, PhD., RNDr. Helena Mičková, PhD., RNDr. Jozef Židzik, PhD., RNDr. Lucia Klimčáková, PhD., doc. RNDr. Peter Solár, PhD., RNDr. Martina Šemeláková, PhD., RNDr. Eva Slabá, 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: ULM/ M-DM1/22		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: tests						
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: english						
Notes:						
Course assessment Total number of assessed students: 551						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
35.39	5.63	16.33	16.15	10.53	14.52	1.45
Provides: doc. RNDr. Katarína Čurová, PhD., MVDr. Vladimír Hrabovský, PhD., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., MUDr. Marián Marcin						
Date of last modification: 15.05.2022						
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: ULM/ M-DM2/15		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-DM1/22					
Conditions for course completion: tests, 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: english					
Notes:					
Course assessment Total number of assessed students: 486					
A	B	C	D	E	FX
25.72	6.17	17.49	14.2	20.99	15.43
Provides: RNDr. Marián Sabol, CSc., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., MVDr. Vladimír Hrabovský, PhD., MUDr. Marián Marcin, doc. RNDr. Katarína Čurová, PhD., Ing. Viera Lovayová, PhD., Mgr. Radka Slobodníková, PhD., Mgr. Annamária Toporová, PhD.					
Date of last modification: 15.05.2022					
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: NLK/ NL-DM/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-DM2/15	
Conditions for course completion: 1. Active participation in practical exercises. 2. Successful completion of the test, evaluation A – E (possibility to repeat the test 2 times). 3. Successful passing the final exam.	
Learning outcomes:	
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 –meningitis, 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., Szilasiová J.: Textbook of general neurology. Košice : Aprilla Ltd. for Hanzlúvka Books, 2009. 189 s. ISBN 9788089346158 (brož.).	

Brust J.C.M.: Neurology. Current Diagnosis and treatment. Lange Medical Books/McGraw-Hill, 2007. 601 pp. ISBN: 13: 978-0-07-110554-5, also 3d edition 2019, ISBN 978-1-259-83531-5, ISSN 1932-1074					
Course language: english language					
Notes:					
Course assessment Total number of assessed students: 366					
A	B	C	D	E	FX
13.11	14.75	22.95	16.12	19.95	13.11
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/NC-DM/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/11253/DM_NC_Requirements.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: ZAMBORIOVÁ, M., DIMUNOVÁ, L. et.al. Nursing Care Clinical Procedures II. UPJŠ Medical Fakulty: ŠafárikPress, 2019. ŠTEFKOVÁ, G., ZAMBORIOVÁ, M., SOVÁRIOVÁ SÓSOVÁ, M. et al. Nursing Care Clinical procedure I. UPJŠ Medical faculty. Equilibria, s.r.o. 2017. Further study literature: ŠTEFKOVÁ, G., ZAMBORIOVÁ, M.A small phrases book for nursing care. UPJŠ, Faculty of Medicine, Košice, 2017.	

Course language:						
Notes:						
Course assessment						
Total number of assessed students: 108						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	42.59	30.56	9.26	11.11	1.85	4.63
Provides: doc. PhDr. Mária Zamboriová, PhD., PhDr. Martin Červený, Ph.D.						
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: OK/OF-DM/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/S-DM2/15					
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: Lectures, Jogi, R.: Basic Ophthalmology, Kozák, I., Juhás, T. : Ophthalmology Outline, Košice, 2004, Ahmed, E.: Test Book of Ophthalmology, Oxford University, Press, 1998					
Course language: English					
Notes:					
Course assessment Total number of assessed students: 291					
A	B	C	D	E	FX
47.08	23.71	16.49	7.22	4.12	1.37
Provides: MUDr. Monika Moravská, MUDr. Paulína Hribová, MUDr. Marek Horňák, MPH, MUDr. Jozef Szilasi, MUDr. Simona Knížová, MUDr. Mária Bujnovská, MUDr. Tereza Ilavská, MUDr. Daša Kolesárová					
Date of last modification: 12.05.2022					
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/OD-SS-DM/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/O-DM3/22 and SK/PC-DM3/22 and KFBLR/Ph-DM/18 and SK/PD-DM6/15	
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 · Vydavateľstvo: Galén, 2014 Professional scientific and domestic foreign magazines Martin Tvrdón, Milan Kontráň a Mária Čižmarovičová · Vydavateľstvo: Science, 2011 Protetická stomatológia Restorative Dentistry EN Italian Ac · Vydavateľstvo: Mosby, 2011 Vladimír Machoň a Dušan Hirjak · Vydavateľstvo: StomaTeam, 2009 Onemocnění temporomandibulárního kloubu 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	

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: 267					
A	B	C	D	E	FX
30.34	24.34	16.85	13.86	11.61	3.0
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/O-DM1/15	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/PD-DM3/22	
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: Bachratý, A. , Bachratá, L.: Čelústná ortopédia, 1992, ISBN 80-223-0506-5	

Andrik, P.: Čelústná ortopédia, 1970, ISBN 70-069-76 Whaites, E.: Essentials of dental radiography and radiology, 1998, ISBN 9780702045998 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: 308						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
28.57	51.62	12.66	4.22	1.3	1.3	0.32
Provides: MDDr. Eleonóra Ivančová, PhD., MHA, MDDr. Gabriela Verbová, PhD., MDDr. Natália Sokolová, MDDr. Mária Futejová, MDDr. Juraj Bánovčin, PhD., MUDr. Janka Jenčová, PhD., MUDr. Jana Surovková, 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/O-DM2/22	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/O-DM1/15	
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: 294					
A	B	C	D	E	FX
60.2	16.67	13.27	3.74	5.1	1.02
Provides: MDDr. Gabriela Verbová, PhD., MDDr. Natália Sokolová, MDDr. Juraj Bánovčin, PhD., MDDr. Eleonóra Ivančová, PhD., MHA, MDDr. Mária Futejová, 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/O-DM3/22	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/O-DM2/22	
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: 277						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
27.08	66.43	3.25	2.53	0.72	0.0	0.0
Provides: MDDr. Eleonóra Ivančová, PhD., MHA, MDDr. Gabriela Verbová, PhD., MDDr. Natália Sokolová, MDDr. Mária Futejová, MDDr. Juraj Bánovčin, 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: KORLaF/ORL-DM/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/S-DM2/15					
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: English					
Notes:					
Course assessment Total number of assessed students: 325					
A	B	C	D	E	FX
22.46	19.69	30.46	16.92	10.46	0.0
Provides: MUDr. Tímea Košťálová, MUDr. Michal Molčan, CSc.					
Date of last modification: 10.05.2022					

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: KDaD/ PE-DM/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-DM2/15	
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: Lissauer T.: Illustrated Textbook of Paediatrics, 2012 Kovács L: Introduction to Paediatrics, 2001	

Course language:					
Notes:					
Course assessment					
Total number of assessed students: 350					
A	B	C	D	E	FX
13.43	17.71	30.0	19.71	17.14	2.0
Provides: MUDr. Juliana Ferenczová, PhD., MUDr. Miroslava Petrášová, PhD., doc. MUDr. Veronika Vargová, PhD., MUDr. Marianna Fajdelová, MUDr. Simona Drobňáková, 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/ PaD-DM1/15	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/CD-DM3/22	
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

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: 298

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
27.18	41.61	20.81	7.38	2.01	0.67	0.34

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

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/ PaD-DM2/22	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/PaD-DM1/15	
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: 288					
A	B	C	D	E	FX
59.03	16.67	14.58	4.86	2.78	2.08
Provides: MDDr. Jaroslav Ďurica, MUDr. Adriána Petrášová, PhD., MUDr. Jana Kaiferová, PhD., MUDr. Silvia Labusová, MDDr. Barbara Petrišin Rudová					
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/ PaD-DM3/22	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/PaD-DM2/22	
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: 261						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
25.67	41.76	26.82	2.3	2.3	1.15	0.0
Provides: MDDr. Peter Šmocer, MDDr. Jaroslav Ďurica, MUDr. Jana Kaiferová, PhD., MDDr. Mária Futejová, MUDr. Silvia Labusová, MDDr. Adriána Mičková, MUDr. Adriána Petrášová, PhD., 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-DM1/19		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-DM2/15 and UHE/HE-DM2/24						
Conditions for course completion: Tests and Colloquium						
Learning outcomes: gain knowledge from the field of General pathology, mastery of histomorphology selected diagnoses, learn about with macroscopic autopsy diagnosis						
Brief outline of the course: Introduction to Pathology,Thanatology,Cell Injury,Dystrophic changes,Alterations in protein metabolism,Alterations in carbohydrate metabolism,Alterations in lipid metabolism,Disturbances of electrolytes and body fluids,Pigments,calcification,crystals and lithiasis,Progressive changes,Atrophy and necrosis,Inflammation,Growth disorders,Teratology,Pseudotumors,Basic histological features of tumors,Tumors,Tumor systematics, Tumors of oral cavity,Lymphomas,Hypersensitivity reactions,Immunodeficiency diseases,Cardiovascular system,Pathology of the Respiratory system						
Recommended literature: Kumar V, Abbas AK, Fausto N, Robbins SL, Cotran RS: Robbins and Cotran pathologic basis of disease, 7th edition,Elsevier/Saunders,Philadelphia,2005 Böör,A.,Jurkovič,I.,Benický,M. and Havierova,Z: Practical lessons in histopathology nd methods in pathology,UPJŠ Košice,2004						
Course language: English language						
Notes:						
Course assessment Total number of assessed students: 399						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
36.09	1.25	9.27	20.8	19.55	12.28	0.75
Provides: MUDr. Zuzana Benetinová, PhD., MUDr. Adam Nedoroščik, MUDr. Alžbeta Blichárová, PhD.						

Date of last modification: 13.05.2022
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: UP/PA-DM2/19	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-DM1/19	
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: Pathology of the nervous and endocrine system, pathology of the cardiovascular, respiratory and hematopoietic systems, pathology of the digestive tract, tooth decay, pulpitis, apical periodontitis, resorption and hypercementosis, pathology of the liver, gallbladder and pancreas, chronic damage to teeth not related to dental caries, uropathology, gingivitis and periodontitis, pathology of the ovaries and uterus, cysts of the jaws and soft orofacial tissues, pathology of pregnancy, postpartum period and the mammary gland, odontogenic tumors and tumor-like changes in the jaws, pathology of the endocrine glands, non-odontogenic tumors of the jaws and cancer in the oral cavity, genetic, non-metabolic and other non-neoplastic disorders of bones, musculoskeletal pathology, temporomandibular joint diseases, CNS pathology, salivary gland diseases, dermatopathology, diseases of the oral mucosa: stomatitis, pathology of the newborn, diseases of the oral cavity in newborns and children, benign chronic spots on the oral mucosa.	
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: English language	

Notes:					
Course assessment					
Total number of assessed students: 362					
A	B	C	D	E	FX
14.64	19.89	20.72	11.6	27.9	5.25
Provides: MUDr. Alžbeta Blichárová, PhD., MUDr. Adam Nedoroščík, MUDr. Zuzana Benetínová, PhD.					
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: UPF/ PP-DM1/15	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/MP-DM2/15	
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: Special pathophysiology for dentistry renders the basic overview of the etiopathogenesis, symptomatology and principal diagnostic findings in the clinically most important disease states and syndromes arising from the all major systems of the human body with the main focus on oral diseases and oral manifestations of systemic diseases.	
Brief outline of the course: - Disorders of the oral cavity (systematic categorisation based on the type of laesions and etiology), dysphagia, disorders of salivation, xerostomia, disorders of dentition due to systemic diseases - Esophageal, gastric disorders, Peptic ulcer, Maldigestion, Colon disorders, Liver disorders, Icterus, Hepatitis - Valvular & other congenital, acquired disorders, Ischaemic heart disease, Atherosclerosis, Hypertension, Angina pectoris & myocardial infarction, Cardiac dysrhythmias, Cardiomyopathies, Shock, hypotension, collapse - Anaemias and coagulopathies, obstructive & restrictive pulmonary disorders, respiratory failure - Motor, sensory & vegetative disorders, Neuropathies, Degenerative & demyelinating diseases, Epilepsy, Pain, - Cerebrovascular diseases, Higher nervous disorders & dementia, - Hypoth. – hypophyseal. disorders, Thyroid and parathyroid gland dysfunction, Supraren diroders, Diabetes mellitus and its acute a& chronic complications, - Renal failure, Glomerulopathies, tubulopathies, renovascular diseases, Renal stones,	
Recommended literature: 1.Porth, C.M.: Essentials of Pathophysiology, 3rd Edition, Wolters Kluwer Health/Lippincott Williams & Wilkins, 2011, 1256 p. ISBN 13: 9781451103182/ISBN 10: 1451103182	

2. McCance, K.L., Sue E. Huether, S.E.: Pathophysiology - The Biologic Basis for Disease in Adults and Children. 5th Ed., Mosby, 2006, 1808 p., ISBN: 0323035078
3. McPhee, S. J., Lingappa, V.R., Ganong, W.F. Pathophysiology of Disease. McGraw-Hill/ Appleton & Lange, 4th ed., 2002, 760 p. ISBN-10: 00713876414. Silbernagl, S., Lang, F.: Color Atlas of Pathophysiology. Thieme Med. Publ.; 2000, 406 p., ISBN-10: 0865778663
4. Laskaris, G.: Pocket Atlas of Oral Diseases, 2nd Ed., Thieme Med. Publ., 2006, 370 p. ISBN 1-58890-249-8

Course language:
english

Notes:

Course assessment

Total number of assessed students: 452

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
33.85	2.21	8.63	23.01	21.68	9.29	1.33

Provides: MVDr. Eva Lovášová, PhD., MUDr. Eva Sedláková, PhD., doc. MUDr. Roman Beňačka, CSc., 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: 03.03.2023

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/ PP-DM2/15	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/PP-DM1/15	
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: Special pathophysiology for dentistry renders the basic overview of the etiopathogenesis, symptomatology and principal diagnostic findings in the clinically most important disease states and syndromes arising from the all major systems of the human body with the main focus on oral diseases and oral manifestations of systemic diseases.	
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: 1. Porth, C.M.: Essentials of Pathophysiology, 3rd Edition, Wolters Kluwer Health/Lippincott Williams & Wilkins, 2011, 1256 p. ISBN 13: 9781451103182/ISBN 10: 1451103182 2. McCance, K.L., Sue E. Huether, S.E.: Pathophysiology - The Biologic Basis for Disease in Adults and Children. 5th Ed., Mosby, Elsevier, 2006, 1808 p., ISBN: 0323035078 3. Kumar, V., Abbas, A., Fausto, N.: Robbins & Cotran Pathologic Basis of Disease, 7th edition, Sauders Publ., 2004 1552 p., ISBN 0721601871	

4. McPhee. S. J., Lingappa, V.R., Ganong, W.F. Pathophysiology of Disease. McGraw-Hill/ Appleton & Lange, 4th ed., 2002, 760 p. ISBN-10: 0071387641
5. Silbernagl, S., Lang, F.: Color Atlas of Pathophysiology. Thieme Med. Publ.; 2000, 406 p., ISBN-10: 0865778663

Course language:
english

Notes:

Course assessment

Total number of assessed students: 426

A	B	C	D	E	FX
4.46	11.74	23.24	22.3	21.13	17.14

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: 17.03.2023

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/PE-DM1/15	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/CD-DM3/22	
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: 302						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
27.48	41.72	22.19	5.63	0.33	1.99	0.66
Provides: MUDr. Eva Janitorová, PhD., MUDr. Jarmila Chrenková, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Vladislava Šaková, MDDr. Jana Kluknavská, PhD., MDDr. Zdenka Lučivjanská, MUDr. Andrea Vödrösová, 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/PE-DM2/22	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/PE-DM1/15	
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: 277					
A	B	C	D	E	FX
54.87	14.8	15.88	7.22	6.86	0.36
Provides: MUDr. Adriána Petrášová, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MUDr. Eva Janitorová, PhD., MDDr. Adriána Mičková, MDDr. Vladislava Šaková, MDDr. Zuzana Drotárová, PhD., MHA					
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/PE-DM3/22	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/PE-DM2/22	
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: 267

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
28.09	48.69	15.36	6.37	0.37	1.12	0.0

Provides: doc. MUDr. Silvia Timková, PhD., MHA, MUDr. Eva Janitorová, PhD., MUDr. Andrea Vödrösová, MDDr. Zdenka Lučivjanská, MDDr. Vladislava Šaková, MDDr. Jana Kluknavská, PhD., MDDr. Branislav Borza, PhD., MDDr. Eleonóra Ivančová, PhD., MHA, 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/PM-DM1/15		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/MP-DM2/15						
Conditions for course completion:						
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: Prescription of drugs, practical application.. Basic pharmacology (pharmacokinetic and pharmacodynamic principles), factors influencing drug effects, routes of drug application. Special pharmacology including drugs affecting the autonomic nervous system, myorelaxants and ganglioplegic drugs, drugs affecting CNS (drugs used to treat psychiatric disorders, antiepileptics, antiparkinson drugs, hypnotics).						
Recommended literature: Whalen K et al.: Lippincott Illustrated Reviews: Pharmacology 7th edition, 2019 Ritter JM et al.: Rang & Dale's Pharmacology, 2019						
Course language: English						
Notes:						
Course assessment Total number of assessed students: 441						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
32.88	19.5	16.33	19.73	6.58	4.54	0.45
Provides: prof. MUDr. Ladislav Mirossay, DrSc., prof. MVDr. Ján Mojžiš, DrSc., RNDr. Andrej Miroššay, PhD., RNDr. Matúš Čoma, PhD.						
Date of last modification: 03.09.2021						

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: UFR/ PM-DM2/16		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/PM-DM1/15					
Conditions for course completion: test exam					
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. Antibiotics used in dental medicine. Antiprotozoal and anthelmintic drugs. 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: ENGLISH					
Notes:					
Course assessment Total number of assessed students: 421					
A	B	C	D	E	FX
5.7	11.4	22.33	20.9	26.13	13.54

Provides: prof. MVDr. Ján Mojžiš, DrSc., prof. MUDr. Ladislav Mirossay, DrSc., RNDr. Andrej Miroššay, PhD., RNDr. Matúš Čoma, PhD.

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/Ph-DM/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-DM2/19 and UPF/PP-DM2/15	
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 will acquire the ability to assess the patient's functional status, quality of life. Prescribe the basic modalities of physical and rehabilitation therapy in the framework of dental medicine, educate the patients about physiotherapy and the exercise therapy.	
Brief outline of the course: Modern aspects of physiotherapy and complex rehabilitation. Definition and classification of physical therapy modalities. Effects, indications, contraindications. Examination of the patient and assessment of functions for purposes of rehabilitation treatment. Physical therapy, electrotherapy, phototherapy, thermotherapy. Principles of soft tissue and mobilization techniques. Physical therapy modalities according to type of energy and therapeutic targets. Mobilisation and soft tissue techniques in the orofacial region Basics of kinesiology of the temporomandibular joint, hyoid bone and craniocervical junction. Postisometric relaxation in the orofacial region Application of neurophysiological methods. Rehabilitation of complications after tooth extraction The use of physical modalities. Rehabilitation of orofacial trauma. Rehabilitation of soft tissue injuries in orofacial region. Basic principles and methods of rehabilitation. Rehabilitation of facial bones injuries Basic principles and methods of rehabilitation. Jaw muscles contracture, aetiology, diagnosis, therapy. Dysfunction of temporomandibular joint and physiotherapy. Rehabilitation after temporomandibular joint prosthesis. Neurophysiological methods, rehabilitation principles Rehabilitation of dysphagia. Common physiotherapy treatment techniques. Rehabilitation for cervical spine and central nervous system diseases. Basic myoskeletal approaches Physiotherapy treatment for trigeminal neuralgia. Common physiotherapy treatment techniques Rehabilitation aspects of craniofacial prosthetics . Aesthetic and functional aspects.	

Physiotherapy in functional disorders of the chewing muscles, head fascia, muscle chains. Basic myoskeletal approaches. Functional and psychosocial aspects of rehabilitation in maxillofacial oncology Coping strategies, quality of life.					
Recommended literature: Basic study literature: Ceravolo. M, Christodoulou N. et al. Physical and Rehabilitation Medicine for Medical Students , Grada, 2018 Next study literature: Beumer, J., Marunick M.T., Esposito S. J. Maxillofacial rehabilitation. 2011, Quintessence Pub Co; 1 edition, 468 pages, ISBN-13: 978-086715498					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 225					
A	B	C	D	E	FX
84.0	15.11	0.89	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/ LFPAGM/16	Course name: Practical English Grammar for Medical Students
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: 2., 4.	
Course level: I.II.	
Prerequisites: KKF/LFMT/07	
Conditions for course completion: Active participation, max. 2 absences. 2 tests, mini-presentation. A minimum final overall average of 60 percent is required. Students with a final overall average lower than 60 percent are not allowed to register for the final exam, i. e. their final grade is FX. Exam - written test. Final assessment is based on the results of exam (50%) and continuous assessment (50%). 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 language skills (reading, writing, speaking), improvement of linguistic competence, students acquire knowledge and practical skill in the use of selected grammar and syntactic aspects of medical English with focus on general and dental medicine, level B1.	
Brief outline of the course: Tenses Irregular verbs Passive and active voice Countable and uncountable nouns, adjectives and adverbs Prepositions Relative clauses Modal verbs Conditionals Text cohesion and coherence Language functions: defining, classifying, expressing function, cause and effect, purpose, result, making suggestions, giving advice.	
Recommended literature: Vince, M.: Macmillan English Grammar In Context. Intermediate. Macmillan Publishers Limited, 2007. Vince, M.: Macmillan English Grammar In Context. Advanced. Macmillan Publishers Limited, 2008. Thaine, C.: Cambridge Academic English. Intermediate. CUP, 2012.	

James, D.V.: Medicine. Prentice Hall International Limited, 1992.					
Course language:					
Notes:					
Course assessment Total number of assessed students: 281					
A	B	C	D	E	FX
37.72	24.91	18.51	9.61	6.41	2.85
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 30.03.2022					
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/LFPSG/11		Course name: Practical Slovak Grammar			
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.					
Course level: I.II.					
Prerequisites: Dek. LF UPJŠ/SL-GM1/09 and Dek. LF UPJŠ/SL-GM2/15					
Conditions for course completion: Active participation is required. Students are not allowed to have more than 2 absences during the semester. There are 2 written tests (weeks 7 and 13). The result of each test must be at least 60%. Students are given the opportunity to retake the tests in the last week of the semester (week 14). Students with a result lower than 60% are not allowed to register for the final exam, i.e., their final grade is FX. The final assessment is based on the result of the final written exam. Grading scale: A 100-91%, B 90-84%, C 83-75%, D 74-68%, E 67-60%, FX 59% and less. The study form: in person/distance/combined in accordance with epidemiological situation and the Rector's ordinances.					
Learning outcomes: Students with acquired skills of Slovak grammar are able to participate effectively with patients and also in a variety of common situations of everyday communication.					
Brief outline of the course: At the University. Human Body. Medical and Health Professions. In Hospital. Medical Examination. Communication Doctor – Patient. Selected Grammatical Features (grammatical cases; present, past and future tenses; prepositional phrases; imperative forms; conditional sentences; reflexive verbs with “sa/si“).					
Recommended literature: Materials prepared by teachers in print and electronic forms.					
Course language: Slovak Language A1.1 - A1.2					
Notes:					
Course assessment Total number of assessed students: 321					
A	B	C	D	E	FX
31.78	25.55	16.51	9.03	8.1	9.03
Provides: Mgr. Veronika Pálová, PhD.					
Date of last modification: 16.09.2024					

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: CJP/ LFPE/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: 5., 7.	
Course level: I.II.	
Prerequisites: KKF/LFMT/07	
Conditions for course completion: Active participation, max. 1 absence (2x45 min.) Continuous assessment (50% of the final assessment): 1 test (60%), oral case presentation (40%) A minimum final overall average of 60 percent is required. Students with a final overall average lower than 60 percent are not allowed to register for the final exam, i.e. their final grade is FX. Exam - conference presentation (50% of the final assessment) Final assessment is based on the results of exam (50%) and continuous assessment (50%). Scale: 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 Poster presentation Structure of presentations Presentation of data Case presentation Selected grammar (prepositional phrases, collocations, etc.)	
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 Dictionary of Medicine. Peter Collin Publishing, 1996 Powel, M.: Dynamic Presentations. CUP, 2010 Armer, T.: Cambridge English for Scientists. CUP, 2011	
Course language: B1-B2 level according to CERF	

Notes:					
Course assessment					
Total number of assessed students: 519					
A	B	C	D	E	FX
58.77	23.51	11.18	3.47	0.58	2.5
Provides: Mgr. Viktória Mária Slovenská, Mgr. Lýdia Markovičová, PhD.					
Date of last modification: 21.09.2022					
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/ PreD-DM/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/PDM-DM4/15	
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: 425					
A	B	C	D	E	FX
35.76	20.94	21.18	8.24	10.59	3.29
Provides: MUDr. Eva Janitorová, PhD., MDDr. Vladislava Šaková, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Barbara Petrišin Rudová, MDDr. Jana Kluknavská, PhD., MDDr. Mária Futejová, MDDr. Natália Sokolová, MDDr. Marcel Riznič, PhD., 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-DM/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:
 english

Notes:
 The course Preventive Medicine is provided only in the summer term.

Course assessment

Total number of assessed students: 79

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	94.94	1.27	3.8	0.0	0.0	0.0

Provides: prof. MUDr. Daniel Pella, PhD., MUDr. Ivan Majerčák, MPH, MUDr. Peter Horváth, doc. MUDr. Štefan Tóth, PhD., MBA, doc. MUDr. Viola Vargová, 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/PC-DM1/22	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: 95						
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/PC-DM2/22	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: Dek. LF UPJŠ/SL-DM4/15	
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: 360						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
99.17	0.56	0.0	0.0	0.0	0.28	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/PC-DM3/22	Course name: Professional Clerkship 3
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/CD-DM4/09 and SK/PD-DM4/15 and SK/PE-DM2/22 and SK/PaD-DM2/22 and SK/O-DM2/22 and SK/DS-DM3/15 and Dek. LF UPJŠ/SL-DM4/15	
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: 271						
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/ PDM-DM1/22	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: 737						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
34.33	27.41	14.93	11.8	4.75	5.29	1.49
Provides: MDDr. Juraj Bánovčín, PhD., MUDr. Gabriela Glinská, PhD., MDDr. Rastislav Bobuľa, MDDr. Martin Holló, MDDr. Jaroslav Ďurica, MDDr. Adriána Mičková, 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/ PDM-DM3/15	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/PDM-DM2/22	
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	

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: 585

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
35.21	24.62	21.54	12.14	3.25	2.39	0.85

Provides: MDDr. Jaroslav Ďurica, MDDr. Juraj Bánovčin, PhD., MDDr. Lenka Soták Benedeková, MDDr. Rastislav Bobuľa, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Adriána Mičková, MDDr. Naďa Homzová, MUDr. Jana Kaiferová, PhD., MDDr. Mária Futejová

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/ PDM-DM4/15	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/PDM-DM3/15	
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: 540					
A	B	C	D	E	FX
23.89	16.3	18.7	14.81	16.48	9.81
Provides: MDDr. Jaroslav Ďurica, MDDr. Juraj Bánovčin, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MDDr. Karolina Kamila Glińska, MDDr. Zuzana Kotuličová, MDDr. René Koudelka, MDDr. Filip Lukáč, 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/ PDM-DM2/22	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/PDM-DM1/22	
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: 450					
A	B	C	D	E	FX
19.78	20.44	24.22	11.78	19.11	4.67
Provides: MDDr. Juraj Bánovčín, PhD., MDDr. Jaroslav Ďurica, MDDr. Adriána Mičková, MDDr. Mária Futejová, MDDr. Vladislava Šaková, MDDr. René Koudelka, MDDr. Karolina Kamila Glińska, MDDr. Zuzana Kotuličová, MDDr. Dominik Šarik, MUDr. Jana Kaiferová, PhD., MDDr. Simona Fritzká					
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/PD-DM1/22	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/PDM-DM4/15	
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: 400

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
31.25	20.25	18.0	15.0	8.5	5.5	1.5

Provides: MDDr. Katarína Tomová, MUDr. Marcela Šestáková, PhD., MDDr. Zuzana Krchová
 Nagyová, MDDr. Karolina Kamila Glińska, MDDr. Jakub Jánošík, MPH, 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: SK/PD-DM2/15	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/PD-DM1/22	
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: 342						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
27.49	18.13	21.93	15.2	9.65	7.31	0.29
Provides: MDDr. Nad'a Homzová, MUDr. Ján Kučera, Ph.D., MUDr. Marcela Šestáková, PhD., MDDr. Katarína Tomová, MDDr. Adriána Mičková, doc. dr hab. Mieszko Adam Wieckiewicz, CSc., univerzitný profesor, 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/PD-DM3/22	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/PD-DM2/15	
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: 310

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
29.68	10.32	22.26	17.42	14.19	5.81	0.32

Provides: MUDr. Marcela Šestáková, PhD., MDDr. Zuzana Krchová Nagyová, MUDr. Ján Kučera, Ph.D., MDDr. Katarína Tomová, MDDr. Mária Futejová, MDDr. Barbara Petrišin Rudová

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/PD-DM4/15	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/PD-DM3/22	
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: 296					
A	B	C	D	E	FX
39.19	26.69	14.53	7.43	11.15	1.01
Provides: MUDr. Marcela Šestáková, PhD., MDDr. Nad'a Homzová, MUDr. Ján Kučera, Ph.D., MDDr. Dominik Šarik, MDDr. Filip Lukáč, MUDr. Janka Jenčová, PhD., MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Katarína Tomová, MDDr. Adriána Mičková, MDDr. Kornélia Pandyová, 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/PD-DM5/22	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/PD-DM4/15	
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, ISBN 0-86715-201-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: 272						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
29.78	27.57	13.6	16.91	7.72	4.41	0.0
Provides: MUDr. Marcela Šestáková, PhD., MUDr. Ján Kučera, Ph.D., MDDr. Nad'a Homzová, 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: SK/PD-DM6/15	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/PD-DM5/22	
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: 274

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
26.64	32.48	20.07	9.85	4.74	6.2	0.0

Provides: MUDr. Marcela Šestáková, PhD., MUDr. Ján Kučera, Ph.D., MDDr. Naďa Homzová, MDDr. Mária Futejová, MDDr. Dominik Šarik, MDDr. Kornélia Pandýová, MUDr. Janka Jenčová, PhD., MDDr. Vladislava Šaková, MUDr. Silvia Labusová, 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: 1. PK/ PT-DM/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/PMC-DM/18 and UPF/PP-DM1/15	
Conditions for course completion: 1. Student has to attend minimally 85% of the practical lessons and minimally 50% of the lectures. In the case of absence, may substitute up to 2 practical lessons per semester. 2. Evaluation: active participation in practicals; permanent study check (control question). Successful completion of the written test - minimum 60% .	
Learning outcomes: The aim is to learn ethiology and pathophysiology of mental disorders, psychopathology, principles of classification in psychiatry, syndromes of mental disorders, diagnosis and treatment of mental disorders and communication with mentally ill patients. Student is skilled in making the diagnosis, differential diagnosis and basics of therapy of specific groups of mental disorders, first aid in psychiatry. He/she has knowledges about legal and ethical issues of mentally ill. Students fulfil requirements for communication with mentally ill patients and communication with another specialists and psychiatrists as well.	
Brief outline of the course: - psychiatry - history of psychiatry and its content - etiology and pathophysiology - psychopathology, signs and symptoms of mental disorders /disturbances of perception, mood, thinking, memory, motor activity and behavior, intelligence, consciousness and attention, personality/ - diagnosis in psychiatry, syndromes of mental disorders - principles of classification in psychiatry - treatment of mental disorders – biological treatment and psychopharmacology - psychotherapy, psychoeducation and rehabilitation in psychiatry - communication with mentally ill patients and communication with another specialists and psychiatrists - schizophrenia and schizophrenia - like disorders - mood disorders – focus on depression - organic and symptomatic mental disorders, cognitive disorders - reactive (stress-related) mental disorders, anxiety, OCD, somatoform and dissociative disorders,... - alcoholism and other substance use disorders - mental disorders of childhood and adolescence	

<ul style="list-style-type: none"> - geriatric psychiatry - personality disorders, behavioral syndromes - legal and ethical aspects referring to psychiatric patients, social psychiatry 					
Recommended literature: <ol style="list-style-type: none"> 1. Puri, Treasaden, Textbook of Psychiatry, 3rd edition, Churchill Livingstone, Elsevier, 2011 2. Pridmore S. Download of Psychiatry, Front matter. Last modified: October, 2015. http://eprints.utas.edu.au/287/ 					
Course language: English language					
Notes:					
Course assessment Total number of assessed students: 326					
A	B	C	D	E	FX
82.82	7.36	7.36	1.53	0.92	0.0
Provides: doc. MUDr. Ivan Dóci, PhD., Mgr. MUDr. Jozef Dragašek, PhD., MHA, doc. MUDr. Aneta Bednářová, PhD., MUDr. Jana Vančíková, PhD., MUDr. Zuzana Vančová, PhD., MUDr. Dominika Jarčušková, PhD., MUDr. Simona Čarnakovič					
Date of last modification: 12.05.2022					
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: 1. PK/ PMC-DM/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/MHB-DM1/15	
Conditions for course completion: 1. At least 100% active participation is obligatory on the practical lessons. The most 2 practical lessons are allowed to compensate when legitimate absences occurred during the semester. Compensating is forbidden 1 week before credit week. 2. 70% success in continuous compounding of the study, and 80% success in the examination in written form as the assessment of the study during semester.	
Learning outcomes: Get knowledge in basic psychological terminology, stressing clinical psychology, and its application in different medical settings. Basic orientation in main theories of personality and models of psychopathology. Psychodiagnostics and its use in clinical practice in specific medical situations, considering specific mental health changes. Psychotherapy – gain orientation in basic psychotherapeutic approaches, in basic psychotherapeutic methods. Possibilities and limits of psychotherapy in medical specializations. Bio-psycho-social model of health and illness. Psychosomatic disorders and their management. Theoretical and practical knowledge of principles of effective verbal and nonverbal communication in general, as well as their implementation in difficult interpersonal situations (partner, professional relationships, relationship patient-physician, physician-patient's relative).	
Brief outline of the course: <ul style="list-style-type: none"> • Psychology as a profession, theoretical and application disciplines, clinical psychologist as a member of the diagnostic and therapeutic team • Problem of personality, main theories of personality, and main models of psychopathology. The problem of normality • Psychodiagnostics – basic methods used in clinical practice, their indication and practical contribution in the process of treatment • Psychotherapy – main theories and schools. Basic methods of psychotherapy. Indications of psychotherapy considering the specific disorder. • Bio-psycho-social model of illness and health, psychosomatic disorders, behavioral medicine, psychohygiene. • Verbal and nonverbal communication, principles of effective communication. Management of difficult situations in medical practice. 	

Recommended literature: 1. 100 % aktívna účasť na praktických cvičeniach, v prípade neprítomnosti možná náhrada maximálne 2 cvičení za semester. 2. Dosiahnutie minimálne 70 % úspešnosti testu priebežného hodnotenia a 80% úspešnosti testu záverečného hodnotenia za daný semester.					
Course language: English language					
Notes:					
Course assessment Total number of assessed students: 544					
A	B	C	D	E	FX
36.03	29.6	19.67	7.9	6.07	0.74
Provides: PhDr. Martina Ružičková, PhD., Mgr. Jana Schrötter, PhD., Mgr. Juraj Martonyik, PhD., Mgr. Matúš Hrebenár					
Date of last modification: 12.05.2022					
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: KRNM/R-DM/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: - 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: 1. Basic Radiology – Michaely.M.Chen. Thomas L. Pope, David J.Ott Lange 2. Radiology 101 The Basics and Fundamentals of Imaging - W. Smith, T. Farrell 3. The Chest X-Ray - G. Lacey, S. Morley, L. Berman 4. CT Teaching Manual - M. Hofer					
Course language: English language					
Notes:					
Course assessment Total number of assessed students: 344					
A	B	C	D	E	FX
51.45	11.92	14.83	13.37	8.43	0.0
Provides: MUDr. Nora Lešková, MUDr. Tatiana Muchová, PhD., MPH, MBA, MUDr. Tatiana Špakovská, PhD., MUDr. Maroš Rudnay, 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: CJP/LFCLTS/16		Course name: Reading Medical Texts in Slovak			
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., 10.					
Course level: I.II.					
Prerequisites: Dek. LF UPJŠ/SL-DM4/15 or Dek. LF UPJŠ/SL-GM4/15					
Conditions for course completion: Students are required to attend classes according to the schedule. Active participation is required. Students are not allowed to have more than 2 absences during the semester. Students are expected to be on time to class. In case of late arrivals which happen more than 3 times, students are given an absence. There are 2 written tests (weeks 7 and 13). The result of each test must be at least 60%. Students are given an opportunity to retake the tests in the last week of the semester (week 14). Students with a result lower than 60% in the summer semester are not allowed to register for the final exam, i.e., their final grade is FX. The final assessment is based on the result of the final written exam. Grading scale: A 100-91%, B 90-84%, C 83-75%, D 74-68%, E 67-60%, FX 59% and less. The study form: in person/distance/combined in accordance with the current situation and Rector's ordinances.					
Learning outcomes: Consolidation of students' language skills (reading comprehension, pronunciation), students will learn grammatical and lexical structures and stylistic characteristics of specialised written discourse at A2 – B1 level.					
Brief outline of the course: Human Anatomy. Specialised Medical Examinations. Hospital Departments. Current Medical Problems.					
Recommended literature: Selected texts prepared by the teacher.					
Course language: English level B2 / Slovak level A2					
Notes:					
Course assessment Total number of assessed students: 12					
A	B	C	D	E	FX
33.33	41.67	16.67	8.33	0.0	0.0

Provides: PhDr. Lucia Tóthová, Mgr. Veronika Pálová, PhD.
Date of last modification: 01.02.2025
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: SK/ SDT-DM1/22	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: 315

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.41	0.0	0.0	0.0	0.0	0.0	1.59

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/ SDT-DM2/22	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: 292						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
97.95	0.0	0.0	0.0	0.0	0.0	2.05
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: Dek. LF UPJŠ/SL-DM1/09	Course name: Slovak Language 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 4 Per study period: 0 / 56 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1., 3.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Students are required to attend Slovak language classes according to the schedule. Active participation is required. Students are not allowed to have more than four absences during the semester. All listed absences include absences confirmed by a doctor. Students have 1 continuous written assessment – week 12 during the semester. The final evaluation must be completed no later than the end of the teaching part of the winter semester. The result of the assessment must be at least 60%. Students are given the opportunity to retake the assessment if their results are lower than 60% in weeks 13 and 14. The result of the retake must be at least 60%. If the minimum score of 60% is not achieved, the student will receive a grade of FX. If a student fails to meet the required minimum attendance criteria, the student will receive a grade of X – not rated. Grading scale: A 100-91%, B 90-84%, C 83-75%, D 74-68%, E 67-60%, FX 59% and less. THE STUDY FORM: in person/distant/combined in accordance with epidemiological situation and the Rector's Ordinance.	
Learning outcomes: Students achieve basic language skills with the focus on the communication in selected general and medical topics - language level A1.1.	
Brief outline of the course: The Human Body. Doctor - Patient Communication at the Dentist's. Personal and Family History - Introduction. My Family. In the Town. Faculty of Medicine, Accommodation. Numerals (0-100). Days of the Week. Personal Pronouns. Grammatical Gender. Nominative Case. Accusative Case. Verbs - Conjugation in Present Tense.	
Recommended literature: Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2018. Ivoríková, H. a kol.: Krížom-krážom. Slovenčina A1+A2. Cvičebnica. Bratislava: Univerzita Komenského 2009.	

e-book: Madárová, I. Pálová, V., Tóthová, L.: Pán doktor, rozumiete po slovensky? Cvičebnica. Košice, UPJŠ 2021.
Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013.
Doplnkové materiály pripravené vyučujúcimi v printovej a elektronickej forme.

Course language:

English B2

Notes:

Course assessment

Total number of assessed students: 758

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
32.85	19.39	14.12	10.55	9.37	6.73	6.99

Provides: PhDr. Beáta Jurečková, PhD.

Date of last modification: 03.10.2024

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: Dek. LF UPJŠ/SL-DM2/15	Course name: Slovak Language 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 4 Per study period: 0 / 56 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 2., 4.	
Course level: I.II.	
Prerequisites: Dek. LF UPJŠ/SL-DM1/09	
Conditions for course completion: Students are required to attend Slovak language classes according to the schedule. Active participation is required. Students are not allowed to have more than 4 absences during the semester. Students are expected to be on time to class. In case of late arrivals which happen more than 3 times, students are given an absence. There is one continuous written assessment (week 13). The result of the continuous written assessment must be at least 60%. Students are given an opportunity to retake the continuous written assessment in the last week of the semester (week 14). Students with a final result lower than 60% in the summer semester are not allowed to register for the final exam, i.e. their final grade is FX. The final assessment is based on the result of the final oral exam and the continuous written assessment. The final grade = the final oral exam (the final oral exam = 60% of the final grade) + the continuous written assessment (the continuous written assessment = 40% of the final grade) = 100%. Grading scale: A 100-91 %, B 90-84 %, C 83-75 %, D 74-68 %, E 67-60 %, FX 59 and less. The study form: in person/distance/combined in accordance with epidemiological situation.	
Learning outcomes: Students are able to communicate with patients at a dentist's, ask questions, give advice, etc. Language level A1.1	
Brief outline of the course: Medical topics: At the Dentist's. Oral Cavity. Set of Teeth. Teeth Types. Tooth Anatomy. In the Hospital. Dental Hygiene Instruments. Parodontosis. Dentist Office. Dental Instruments Set. General topics: Orientation in the Town. In the Restaurant. Grammar: The Accusative Case. Imperative Forms. Modal Verbs. Past Tense. The Locative Case. The Instrumental Case. The Genitive Case.	
Recommended literature: Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ 2020. Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2007 (+CD). Kamenárová, R. a kol.: Krížom – krážom. Slovenčina A1 – A2. Cvičebnica. Bratislava, Univerzita Komenského 2007. Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013.	

http://www.slovake.eu Materials prepared by teachers in electronic and printed versions.					
Course language: English level B2/ Slovak level A1.1					
Notes:					
Course assessment Total number of assessed students: 626					
A	B	C	D	E	FX
30.99	15.18	20.13	16.45	15.5	1.76
Provides: PhDr. Beáta Jurečková, PhD.					
Date of last modification: 30.01.2025					
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: Dek. LF UPJŠ/SL-DM3/15	Course name: Slovak Language 3
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: 1	
Recommended semester/trimester of the course:	
Course level: I.II.	
Prerequisites: Dek. LF UPJŠ/SL-DM2/15	
Conditions for course completion: Students are required to attend Slovak language classes according to the schedule. Active participation is required. Students are not allowed to have more than two absences during the semester. All listed absences include absences confirmed by a doctor. Students have 1 continuous written assessment – week 12 during the semester. The final evaluation must be completed no later than the end of the teaching part of the winter semester. The result of the assessment must be at least 60%. Students are given the opportunity to retake the assessment if their results are lower than 60% in weeks 13 and 14. The result of the retake must be at least 60%. If the minimum score of 60% is not achieved, the student will receive a grade of FX. If a student fails to meet the required minimum attendance criteria, the student will receive a grade of X – not rated. Grading scale: A 100-91%, B 90-84%, C 83-75%, D 74-68%, E 67-60%, FX 59% and less. THE STUDY FORM: in person/distant/combined in accordance with epidemiological situation and the Rector's Ordinance.	
Learning outcomes: Students are able to communicate with patients at the Dentist's, ask questions; and give advice or instructions - language level A1.2	
Brief outline of the course: At the Dentist's Office. Dental Instrument Set. Dental Tools. Tooth Extraction. Medical Documentation. Case History. Dental Caries. Doctor - Patient Communication. Verbs - Conjugation in Present Tense, Past Tense and Future Tense, Genitive Case, Dative Case - Selectively. Comparison of Adjectives.	
Recommended literature: Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ, 2020. Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2018 . Ivoríková, H. a kol.: Krížom-krážom. Slovenčina A1+A2. Cvičebnica. Bratislava: Univerzita Komenského 2009.	

Kamenárová, R. a kol.: Križom-krážom. Slovenčina A2. Bratislava: Univerzita Komenského 2009 (+CD).
Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013
Brožová, I.: Slovak for you. Bratislava, Ikar 2016.

Course language:

English B2, Slovak A1.1- A1.2

Notes:

Course assessment

Total number of assessed students: 577

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
33.8	11.27	16.29	16.29	10.57	8.32	3.47

Provides: PhDr. Beáta Jurečková, PhD.

Date of last modification: 03.10.2024

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: Dek. LF UPJŠ/SL-DM4/15	Course name: Slovak Language 4
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: 1	
Recommended semester/trimester of the course:	
Course level: I.II.	
Prerequisites: Dek. LF UPJŠ/SL-DM3/15	
Conditions for course completion: Students are required to attend Slovak language classes according to the schedule. Active participation is required. Students are not allowed to have more than two absences during the semester. Students are expected to be on time to class. In case of late arrivals which happen more than 3 times, students are given an absence. There is one continuous written assessment (week 13). The result of the continuous written assessment must be at least 60%. Students are given an opportunity to retake the continuous written assessment in the last week of the semester (week 14). Students with a final result lower than 60% in the summer semester are not allowed to register for the final exam, i.e. their final grade is FX. The final assessment is based on the result of the final oral exam and the continuous written assessment. The final grade = the final oral exam (the final oral exam = 60% of the final grade) + the continuous written assessment (the continuous written assessment = 40% of the final grade) = 100%. Grading scale: A 100-91 %, B 90-84 %, C 83-75 %, D 74-68 %, E 67-60 %, FX 59 and less. The study form: in person/distance/combined in accordance with epidemiological situation.	
Learning outcomes: Students are able to communicate with patients on basic level at the dental department. Language level A2.1	
Brief outline of the course: Filling Materials. Filling Out Fillings. History Taking - Part II. (Allergic, Medication. Gynaecological, Social, Occupational History and Bad Habits). Tooth Problems. Orthodontic Treatment. Types of Dental Braces. Dental Surgery. Children at the Dentist. Adverbs. Conditionals. Diminutives. Case Studies	
Recommended literature: Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ, 2020. Jurečková, B., Barnišinová, L.: e-Slovenčina pre zubárov v praxi - kazuistiky. Košice: ŠafárikPress, 2022. Materials prepared by teachers. https://slovakie.eu http://slovníky.juls.savba.sk	

http://slovniky.korpus.sk http://www.e-slovak.sk					
Course language: English level B2 / Slovak level A1.2					
Notes:					
Course assessment Total number of assessed students: 498					
A	B	C	D	E	FX
26.1	23.49	18.07	14.46	15.86	2.01
Provides: PhDr. Beáta Jurečková, PhD.					
Date of last modification: 30.01.2025					
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: CJP/LFKZSZ1/16	Course name: Slovak 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: 3., 5., 7.	
Course level: I.II.	
Prerequisites: Dek. LF UPJŠ/SL-DM2/15	
Conditions for course completion: Active participation during the study period: Max. 2 absences. The Continuous Assessment (7th week). Students must obtain 60% in continuous assessment to be eligible for the final exam registration. Students are given an opportunity to take the retake of the continuous assessment in the last week of the semester (week 14). In case, that the minimum score of 60 % is not achieved, the student receives a grade FX. Final exam - oral form. Final evaluation = continuous assessment result - 50%, oral exam - 50%. Grading scale: A 100-91%, B 90-84%, C 83-75%, D 74-68%, E 67-60%, FX 59% and less. The The study form: in person/distant/combined in accordance with epidemiological situation.	
Learning outcomes: The development of language skills (reading, listening, speaking), students will improve their linguistic and pragmatic competence with focus on English for specific/professional purposes – Dental medicine.	
Brief outline of the course: Dentist - patient, dentist - dentist communication focused on the following areas: Specializations in dental medicine. Orthodontics. Dental defects - dental surgery. Dental diseases. Children at the dentist. Aesthetic dentistry. Selected aspects of functional grammar (discussion, argumenting, description and characteristics, presentation). Case studies.	
Recommended literature: Steinerová, H.: Konverzačná príručka slovenčiny. Bratislava, Univerzita Komenského 2000. Žigová, Ľ.: Komunikácia v slovenčine. Bratislava, Univerzita Komenského 1998. Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ, 2020.	

Jurečková, B., Barnišinová, L.: e-Slovenčina pre zubárov – kazuistiky. Košice: ŠafárikPress 2022.

Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2007 (+CD).

Ivoríková, H. a kol.: Krížom-krážom. Slovenčina A1+A2. Cvičebnica. Bratislava: Univerzita Komenského 2009.

Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A2. Bratislava: Univerzita Komenského 2009(+CD).

Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013.

Case study - supplementary materials prepared by teachers in print and electronic form.

Course language:

Notes:

Course assessment

Total number of assessed students: 75

A	B	C	D	E	FX
49.33	34.67	6.67	0.0	5.33	4.0

Provides: PhDr. Beáta Jurečková, PhD.

Date of last modification: 03.10.2024

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: CJP/LFKZSZ2/16	Course name: Slovak 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: 4., 6., 8.	
Course level: I.II.	
Prerequisites: CJP/LFKZSZ1/16	
Conditions for course completion: Mandatory individual preparation and presentation of one topic during the semester. Final assessment of the semester: a presentation assessment of more than 60% entitles the student to register for the exam. Final exam - oral form. Final evaluation = continuous assessment result (presentation) - 50%, oral exam - 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 language/ communication skills (reading, writing, listening, speaking), improvement of linguistic competence of students with a focus on the use of the specialized language and terminology in the Dental medicine.	
Brief outline of the course: Dentist - patient, dentist - dentist communication focused on the following areas: Medicaments at the dentist. Dental surgery. Preventive dentistry. Anaesthesia in dentistry. Medicaments at the dentist. The tongue. Diseases of the tongue. Oral hygiene. Tooth extraction. Selected aspects of functional grammar (discussion, arguing, description and characteristics, presentation).	
Recommended literature: Jurečková, B., Barnišinová, L.: e-Slovenčina pre zubárov – kazuistiky. Košice: ŠafárikPress 2022. Steinerová, H.: Konverzačná príručka slovenčiny. Bratislava, Univerzita Komenského 2000. Žigová, Ľ.: Komunikácia v slovenčine. Bratislava, Univerzita Komenského 1998. Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013. Supplementary materials prepared by teachers in print and electronic form.	

Course language:					
Notes:					
Course assessment					
Total number of assessed students: 15					
A	B	C	D	E	FX
93.33	6.67	0.0	0.0	0.0	0.0
Provides: PhDr. Beáta Jurečková, PhD.					
Date of last modification: 30.01.2025					
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: CJP/LFSM/16		Course name: Slovak Language in 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: 4., 6.					
Course level: I.II.					
Prerequisites: Dek. LF UPJŠ/SL-DM2/15 or Dek. LF UPJŠ/SL-GM2/15					
Conditions for course completion: Students are required to attend classes according to the schedule. Active participation is required. Students are not allowed to have more than 2 absences during the semester. Students are expected to be on time to class. In case of late arrivals which happen more than 3 times, students are given an absence. There are 2 written tests (weeks 7 and 13). The result of each test must be at least 60%. Students are given an opportunity to retake the tests in the last week of the semester (week 14). Students with a result lower than 60% in the summer semester are not allowed to register for the final exam, i.e., their final grade is FX. The final assessment is based on the result of the final written exam. Grading scale: A 100-91%, B 90-84%, C 83-75%, D 74-68%, E 67-60%, FX 59% and less. The study form: in person/distance/combined in accordance with the current situation and Rector's ordinances.					
Learning outcomes: Consolidation of students' language skills, students will learn grammatical and lexical structures and stylistic characteristics of specialised written and oral discourse at A2.1 level.					
Brief outline of the course: Selected grammatical and lexical structures and stylistic characteristics of specialised written and oral discourse. Grammatical tenses and cases. Word-formation. Imperative forms. Phrasal idioms and phrases in medicine. Medical history taking.					
Recommended literature: Materials prepared by the teacher.					
Course language: Slovak language A2					
Notes:					
Course assessment Total number of assessed students: 68					
A	B	C	D	E	FX
50.0	25.0	10.29	10.29	4.41	0.0

Provides: PhDr. Lucia Tóthová, Mgr. Veronika Pálová, PhD.
Date of last modification: 01.02.2025
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: 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., 3., 5., 7.	
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., 4., 6., 8.	
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: Dek. LF UPJŠ/SSW/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.II.						
Prerequisites:						
Conditions for course completion: Presentation in the faculty round of SSW						
Learning outcomes:						
Brief outline of the course: Work under the guidance of the topic's supervisor of SSW and presentation of results						
Recommended literature: According to the chosen topic						
Course language: English						
Notes:						
Course assessment Total number of assessed students: 57						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
87.72	10.53	0.0	0.0	0.0	0.0	1.75
Provides:						
Date of last modification: 17.05.2022						
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: 1. ChK/ GS-SS-DM/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/S-DM5/15 and 1. KAIM/A-DM/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 – imflammatory 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: English					
Notes:					
Course assessment Total number of assessed students: 287					
A	B	C	D	E	FX
31.36	25.78	17.42	12.2	12.89	0.35
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/S-DM1/16	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/MP-DM2/15	
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: Frankovičová, M. et al.: Surgery for medical students. Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-202-4 Frankovičová, M., Kaľuchová J. et al.: Surgery for medical students. second revised edition, Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-581-0	
Course language:	

English						
Notes:						
Course assessment						
Total number of assessed students: 448						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
33.48	32.37	17.19	11.16	2.68	3.13	0.0
Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jozef Radoňák, CSc., MPH, prof. MUDr. Jana Kaťuchová, PhD., MBA, MUDr. Pavol Harbulák, MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., MUDr. Andrej Vrzgula, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Mária Kubíková, PhD., doc. MUDr. Vladimír Sihotský, PhD., doc. MUDr. Martina Zavacká, PhD., MPH, MUDr. Tomáš Gajdzik, PhD., MHA, MPH, MUDr. Tomáš Hildebrand, PhD., MUDr. Róbert Kilík, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MPH, MUDr. Peter Pažinka, PhD., MPH, doc. MUDr. Marek Šoltés, PhD., doc. MUDr. Peter Zavacký, PhD., MPH, doc. MUDr. Martina Vidová Ugurbas, PhD., MPH, doc. MUDr. Adrián Kolesár, PhD., MPH, MUDr. Lucia Mistríková, PhD., MUDr. Štefánia Mižáková, PhD., prof. MUDr. František Sabol, PhD., MPH, MBA, doc. MUDr. Tomáš Toporcer, PhD., Ivan Kopolovets, CSc., MUDr. Jana Pobehová, PhD., MUDr. Peter Štefanič, PhD., MUDr. Lukáš Vaško, PhD., 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/S-DM2/15	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/S-DM1/16	
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: Frankovičová, M. et al.: Surgery for medical students. Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-202-4 Frankovičová, M., Kaňuchová J. et al.: Surgery for medical students., second revised edition, Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-581-0	
Course language: English	
Notes:	

Course assessment						
Total number of assessed students: 416						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
34.38	44.47	9.86	5.53	2.16	3.61	0.0
Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jozef Radoňák, CSc., MPH, prof. MUDr. Jana Kaťuchová, PhD., MBA, MUDr. Pavol Harbulák, MUDr. Andrej Vrzgula, PhD., MUDr. Milan Stebnický, PhD., doc. MUDr. Martina Vidová Ugurbas, PhD., MPH, doc. MUDr. Adrián Kolesár, PhD., MPH, MUDr. Lucia Mistríková, PhD., prof. MUDr. František Sabol, PhD., MPH, MBA, doc. MUDr. Tomáš Toporcer, 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/S-DM3/15	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/S-DM2/15	
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: Burkitt G.: Essential Surgery Guzanin Š.: Selected chapters of plastic andnreconstr. Surgery	
Course language: English	
Notes:	

Course assessment						
Total number of assessed students: 348						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
29.89	45.11	19.25	1.15	1.44	3.16	0.0
Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Miroslav Kitka, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Vincent Nagy, PhD., MPH, prof. MUDr. Jana Kat'uchová, PhD., MBA, MUDr. Ľubomír Lachvác, PhD., MUDr. Marek Vargovčák, PhD., MPH, MUDr. Pavol Harbuľák, MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., prof. MUDr. Radoslav Morochovič, PhD., doc. MUDr. Tomáš Toporcer, PhD., MUDr. Andrej Vrzgula, PhD., prof. MUDr. Marek Lacko, PhD., MUDr. Michal Chyla, PhD., doc. MUDr. Ivan Kováč, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Kilík, PhD., MUDr. Peter Lengyel, 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/S-DM4/15	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/S-DM3/15	
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: Burkitt G.: Essential surgery Guzanin Š.: Selected chapters of plastic and reconstr. Surg.	
Course language: English	
Notes:	

Course assessment						
Total number of assessed students: 324						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
31.17	45.37	7.1	4.63	5.25	6.48	0.0
Provides: prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Jana Katúchová, PhD., MBA, MUDr. Róbert Kilík, PhD., MUDr. Pavol Harbuľák, MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Adriana Mougin, MUDr. Michal Chyla, PhD., doc. MUDr. Marek Šoltés, PhD., MUDr. Marián Kudláč						
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/S-DM5/15	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/S-DM4/15	
Conditions for course completion: I. For successful completion of the practical exercises/lectures is required: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - 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: Frankovičová M. et al. Surgery for Medical Students. Equilibria, Košice, 2014. Doherty G.: Current Diagnosis & Treatment Surgery, 13 ed., McGraw-Hill Medical, 2010 Cameron, J.L.. Current surgical therapy. 8.ed., Philadelphia; Elsevier, 2013 Townsend, C.M. et al.: Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice. 19 ed., Elsevier : Toronto, 2012 McLatchie G, Borley N, Chikve J. : Oxford handbook in clinical surgery. 4.ed., Oxford: University Press, 2007	
Course language: English	

Notes:						
Course assessment						
Total number of assessed students: 292						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
26.37	57.88	4.79	2.4	5.82	2.74	0.0
Provides: prof. MUDr. Jana Kat'uchová, PhD., MBA, doc. MUDr. Marek Šoltés, PhD., MUDr. Róbert Kilík, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Mária Frankovičová, PhD., MUDr. Mária Kubíková, PhD., doc. MUDr. Vladimír Sihotský, PhD., MUDr. Peter Štefanič, PhD., doc. MUDr. Martina Zavacká, PhD., MPH, doc. MUDr. Miroslav Gajdoš, CSc., MPH, prof. MUDr. Marek Lacko, PhD., doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Miroslav Kitka, PhD., MUDr. Adriana Mougin, Marián Kudláč, MUDr. Tomáš Hildebrand, 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: SK/TD-SS-DM/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/CD-DM6/15 and UVZH/HE-DM/15 and SK/PaD-DM3/22 and SK/PC-DM3/22 and SK/PE-DM3/22	
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: 244					
A	B	C	D	E	FX
27.46	16.8	18.85	18.44	15.16	3.28
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/ CAOR-DM/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-DM2/15	
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: 187					
A	B	C	D	E	FX
24.06	19.25	19.25	14.44	17.11	5.88
Provides: MUDr. Andrej Jenča, PhD., MBA, MDDr. René Koudelka, MDDr. Filip Lukáč, MDDr. Vladislava Šaková					
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/TCCP-DM/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: Active participation in training ; Active preparation for individual exercises (studying texts, watching videos, etc.)	
Learning outcomes: To develop communication competencies that enable physicians to establish a cooperative relationship with the patient, to collect and evaluate information obtained from the patient effectively, to inform the patient about health and the proposed health care appropriately, to involve the patient in shared decision-making on health care, to respond to the specific needs of the patient, to respect the cultural and social differences of patients and the level of their health literacy, to better understand the psycho-social needs of patients and their perspectives on the disease and treatment. The overall objective is to improve the efficiency of the healthcare provided by future healthcare professionals through the so-called soft skills.	
Brief outline of the course: Introduction to the training; Calgary-Cambridge model for consultation with the patient; Patient's perspective on illness and treatment; Initiating consultation, building a relationship, gathering information, structuring a meeting, ending a meeting; Planning and shared decision-making; Effective sharing of information (use of plain language, teach-back method, etc.); Sharing bad news; Working with yourself, reflecting, adapting to the patient's communication needs and the patient's capabilities and resources.	
Recommended literature: Parrott T., Crook T.: Effective Communication Skills for doctors. 2011., Silverman J., Kurtz S., Draper J.: Skills for Communicating with Patients. Taylor and Francis, 2013, Kickbusch I., Pelikan J.M., Apfel F., Thourous A.D.: Health literacy. The solid facts. WHO 2013.	
Course language: english	
Notes:	

The subject will only be open if at least 12 students register it; the Number of allowed absences – 2 exercises; Healthcare professionals with different specializations will be invited to selected exercises as guests.

Course assessment

Total number of assessed students: 8

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: 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.