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COURSE INFORMATION LETTER

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|---|-----|---|-----|-----|-----|
| University: P. J. Šafárik University in Košice | | | | | |
| Faculty: Faculty of Medicine | | | | | |
| Course ID: 1. KAIM/AUM-ZL5/25 | | Course name: Anaesthesiology and Urgent 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: 7. | | | | | |
| Course level: I.II. | | | | | |
| Prerequisites: IK/IM-ZL5-1/25 | | | | | |
| Conditions for course completion: 1. 100% participation on the practical exercises 2. Test - minimum percentage of 60%. 3. Oral exam | | | | | |
| Learning outcomes: The student acquires knowledge of the management of the field of anesthesiology and intensive care medicine, enteral and parenteral nutrition, monitoring in anesthesiology and intensive care medicine. Get familiar with anesthesiological techniques and aids for general and regional anesthesia and preoperative care. | | | | | |
| Brief outline of the course: Introduction to anesthesiology, intensive care medicine. Pharmacotherapy in anesthesiology and intensive care medicine. Disorders of the internal environment. Enteral and parenteral artificial nutrition. Monitoring in anesthesiology and intensive care medicine. Basic algorithms in anesthesiology and intensive care medicine. Anesthesiological techniques and aids in general and regional anesthesia. Teamwork. Cardio-pulmonary resuscitation, its indications and training in the correct CPR technique. | | | | | |
| Recommended literature: FIRMENT J. a kol.: Anestéziológia a intenzívna medicína pre študentov lekárskej fakulty, Vysokoškolská učebnica Lekárskej fakulty UPJŠ v Košiciach, 2020 | | | | | |
| Course language: Slovak language | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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| Provides: MUDr. Vladimír Hudák, PhD., MUDr. Judita Capková, PhD., doc. MUDr. Jozef Firment, PhD., MUDr. Jana Šimonová, PhD., MPH, MUDr. Adam Fabian, MUDr. Roman Kysel', MUDr. Miroslav Sučko |
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| Date of last modification: 11.11.2024 |
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| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. |
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COURSE INFORMATION LETTER

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|--|-------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: UA/A-ZL5-1/25 | Course name: Anatomy 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: 6 | |
| Recommended semester/trimester of the course: 1. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: 1. In order to successfully completing the subject as a “prerequisite for registration the subsequent subject Anatomy 2” it is necessary to have: <ul style="list-style-type: none"> • 75 % active presence in lectures (three absences without giving a reason are allowed). • 100% active mandatory participation in practical lessons. If student is not present in practical lesson (maximum 3 times) due to serious healthy or personal reasons, his/her absence must be excused by the teacher and compensation of the missing practical lesson completed at the Department of Anatomy within ongoing practical lessons/seminars of the other groups until the end of winter semester. • Theoretical and methodical mastery of practical tasks. 2. In order to successfully completing the subject Anatomy 1 as a “prerequisite for completion the subject Anatomy 2”, the student: <ul style="list-style-type: none"> • is obliged to pass all ongoing theoretical (written) and practical tests – i.e. 3 theoretical and 3 practical tests – the total number of points he/she can achieve from theoretical tests is 120 and from practical tests is 60 • must achieve at least 60% success rate, i.e. 24 points from each theoretical test and 12 points from each practical test. If the student does not achieve the minimum number of points from each part of the thematic unit, he/she is entitled one retaken test at the beginning of examination period of the winter semester and one retaken test at the end of the examination period of winter semester, i.e. 2 retaken tests. The student will take the retaken test only from that part of the thematic unit in which he/she did not achieve the minimum number of points (24 from the theoretical test and 12 from the practical test) If the student does not take part in the theoretical and practical tests for any reason (personal, family, health), he/she will not have an alternative date, but will take the given exam on the first or second retake tests If the student does not take part in the first or second retaken tests for any reason, he/she is not entitled to a replacement date. Other conditions: - A student who does not justify his non-participation in writing the tests in accordance with the established rules, does not achieve at least 60% of the theoretical and practical tests (individually) | |

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

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|--|-------|-------|-------|-------|-------|-------|
| 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. MUDr. Adriana Boleková, PhD., doc. MVDr. Květuše Lovásová, PhD., doc. MUDr. Dalibor Kolesár, PhD., MDDr. Mirela Rozprávková, PhD., prof. MUDr. Ingrid Hodorová, PhD. | | | | | | |
| Date of last modification: 08.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|--|-------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: UA/A-ZL5-2/25 | 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: 6 | |
| Recommended semester/trimester of the course: 2. | |
| Course level: I.II. | |
| Prerequisites: UA/A-ZL5-1/25 | |
| Conditions for course completion: <ul style="list-style-type: none"> • 100% active participation in practical lessons. If a student is not present in practical lessons (maximum 3 times) due to serious healthy or personal reasons, his absence of the missing practical lesson must be compensate in a manner determined by the teacher. Student with more than 3 absences in practical lessons is not qualified to continue subject Anatomy 2 and to participate in the retaken tests and exams. • Compulsory presence in lectures (three absences without giving a reason are allowed). • Theoretical and methodical mastery of practical tasks. Conditions for register for exam from subject Anatomy 2: <ul style="list-style-type: none"> • The student is obliged to pass all ongoing theoretical and practical tests – i.e. 3 theoretical and 3 practical tests during semester. • The student must achieve at least 60 % success rate, i.e. 24 points from each theoretical test (out of 40 points) and 12 points from each practical test (out of 20 points). If the student does not achieve the minimum number of points from each test, he is entitled to 2 retaken tests. The 1st retaken test will be hold at the beginning of exam period of the winter semester and the 2nd retaken test in the end of the exam period of winter semester. The student will take the retaken test only from test, in which he did not achieve the minimum number of points (24 from the theoretical test and 12 from the practical test). If the student does not take part in tests for any reason (personal, family, health), he will take the tests on the first or second retaken terms in the same way like the regular tests. Student, who not satisfy the conditions for completion of the subject (he was absent for more than 3 practical lessons, did not pass current or retaken tests, respectively), will be evaluated with grade "X-ungraded" with no possibility to undertake more retaken tests and to register for exam from subject Anatomy 2. Final exam consists of: the 1st, practical part – 30 anatomical pictures, student must achieve minimum 60 % to continue to the 2nd, theoretical part – written test, which consists of 100 questions. The final classification includes the evaluation of the final theoretical test, in points: A = 100 – 91, B = 90 – 84, C = 83 – 75, D = 74 – 68, E = 67 – 60, FX = 59 and less. Priebežné hodnotenie (test, samostatná práca): 3 theoretical and 3 practical tests Záverečné hodnotenie (skúška): theoretical test | |
| Learning outcomes: | |

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

Brief outline of the course:

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

Recommended literature:

Základná študijná literatúra:

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

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

Doplňková študijná literatúra:

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

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

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

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

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

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

Course language:

Notes:

Course assessment

Total number of assessed students: 0

| A | B | C | D | E | FX |
|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Date of last modification: 08.11.2024

Approved: 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/ ASvZL-ZL5/25 | Course name: Anesthesia and Sedation in Dentistry |
| 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/PKZL-ZL5-1/25 | |
| 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 | |

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|--|-----|-----|-----|-----|-----|
| 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: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MDDr. Jozef Jendruch, MUDr. Andrej Jenča, PhD., MBA, MUDr. Adriána Petrášová, PhD., MDDr. Adriána Mičková, MDDr. René Koudelka, MUDr. Milan Bereš, PhD., MPH, MDDr. Vladislava Šaková, MDDr. Filip Lukáč, MDDr. Rastislav Bobuľa, MDDr. Mária Verčimák Cul'bová, MDDr. Karolina Kamila Glińska, MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Igor Kopsa, MDDr. Andrea Horváthová, MDDr. Dominika Ivančáková, MDDr. Martina Semanová, MDDr. Tomáš Klabník, MUDr. Peter Badanič | | | | | |
| Date of last modification: 19.11.2024 | | | | | |
| Approved: 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/ AMOFs-ZL5/25 | Course name: Augmentation Methods of the Orofacial Skeleton |
| 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: 9. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: Completion of seminars and practical courses Detailed conditions for completing the course are updated annually on the AiS2 electronic bulletin board and on the website of the Department of Stomatology and Maxillofacial Surgery, UPJŠ LF Košice, the 1st Department of Stomatology, UPJŠ LF Košice, and the Department of Stomatology and Maxillofacial Surgery, Academia Košice | |
| Learning outcomes: The student demonstrates knowledge in the field of physiology and pathophysiology of bone tissue, which he/she acquired at lower levels of study. He/she educates himself/herself and expands his/her knowledge about the possibilities of replacing defects that arise from the loss of bone tissue. He/she obtains information about individual methods of facial skeleton augmentation, indications, contraindications, advantages, disadvantages. By solving specific topics and clinical cases, he/she learns the correct diagnostic and therapeutic procedures not only in the field itself, but also within the framework of interdisciplinary cooperation. | |
| Brief outline of the course: Types of bone defects, mechanism of their formation, possibilities of their formation. Prevention of loss of vital bone tissue. Possibilities and timing of individual phases of treatment of a patient with a bone defect, depending on its type, extent and planned subsequent treatment. Comprehensive management of simultaneous loss of bone and surrounding soft tissues. | |
| Recommended literature: Zucchelli G.: Mucogingival Esthetic Surgery. Quintessence, 2013, 826 p. ISBN 978-88-7492-023-5 Šimúnek A. a kol.: Dentální implantologie. Hradec Králové: Nucleus HK., 2020, 495 s., ISBN: 9788090679405 Miloro M. et al.: Peterson's Principles of Oral and Maxillofacial Surgery. Springer Nature Switzerland, 2022, 2328 p., ISBN: 3030919196 Siervo S.: Suturing Techniques in Oral Surgery. Quintessence, 2008, 233 p., ISBN: 978-88-7942-120-1 | |

Zuhr O., Hürzeller., M.: Plastic-Esthetic Periodontal and Implant Surgery. Quintessence. 2012, 872 p.
ISBN 978-1-85097-226-6

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 0

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

Provides: MUDr. Peter Kizek, PhD., MHA, MPH

Date of last modification: 16.12.2024

Approved: 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-ZL5/25 | Course name: Bioorganic Chemistry |
| 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: 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: | |

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|---|-------|-------|-------|-------|-------|-------|
| Course assessment | | | | | | |
| Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: doc. RNDr. Vladimíra Tomečková, PhD., univerzitná profesorka, doc. RNDr. Marek Stupák, PhD., RNDr. Jana Mašlanková, PhD. | | | | | | |
| Date of last modification: 08.11.2024 | | | | | | |
| Approved: 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/ BS-ZL5/25 | Course name: Biostatistics |
| 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: 6., 8. | |
| 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 student will acquire basic knowledge of statistical terminology, mainly methods of collecting, sorting and processing statistical data. He will be able to use standard application software and acquire practical skills in data processing. Student will be able to correctly apply selected statistical methods and interpret the results of experimental medical data processing. | |
| Brief outline of the course: Basic terms, experiment, survey, statistical set, statistical unit. Descriptive statistics, measures of location, variability and shape. Data grouping methods. Theoretical models of probability distribution. Statistical estimation. General theory of statistical hypothesis testing. Outlier tests. Parametric and non-parametric tests. Hypothesis tests about the mean value, hypothesis tests about the variance. Analysis of variance of simple sorting. Regression and correlation analysis. Tightness measures of statistical dependence. Examples of incorrect conclusions when interpreting the results. Solving sample tasks using available software. | |
| Recommended literature: 1. Majerník J.: Biostatistics, Multimedia support in the education of clinical and health care disciplines :: Portal of Faculty of Medicine [online], Available from WWW: < http://portal.if.upjs.sk/articles.php?aid=45 >. ISSN 1337-7000. 2. Cleophas T.J., Zwinderman A.H., Statistics Applied to Clinical Studies, Fifth Edition, Springer, 2012. 3. Mattson D.E., Statistics, Difficult concepts, understandable explanations, Bolchay - Carducci Publishers, 1999. 4. Douglas G. Altman, Practical Statistics for Medical Research, CHAPMAN @ HALL, London, 1994. 5. Handbooks for applications and information systems used during practical lessons. 6. Notes from practical lessons. | |

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|--|-------|-------|-------|-------|-------|-------|
| Course language: Slovak | | | | | | |
| 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. Ing. Jaroslav Majerník, PhD. | | | | | | |
| Date of last modification: 04.12.2024 | | | | | | |
| Approved: 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/ SvRIS-ZL5/25 | Course name: Care within Interprofessional Collaboration |
| 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: | |
| Conditions for course completion: Completion of seminars and practical courses Detailed conditions for completing the course are updated annually on the AiS2 electronic bulletin board and on the website of the Department of Stomatology and Maxillofacial Surgery, UPJŠ LF Košice, the 1st Department of Stomatology, UPJŠ LF Košice, and the Department of Stomatology and Maxillofacial Surgery, Academia Košice. | |
| Learning outcomes: The student will acquire the knowledge and practical skills necessary for effective interprofessional cooperation in dentistry. He will master diagnostic and therapeutic procedures that require cooperation between dentists and other healthcare professionals in other fields of medicine. | |
| Brief outline of the course: Fundamentals of interprofessional collaboration in dental practice Interdisciplinary case management Collaboration in the treatment of diseases of the stomatognathic system Coordination between dentistry, oral and maxillofacial surgery and prosthetics Roles and competencies of healthcare professionals Communication in an interdisciplinary team Ethics in interprofessional collaboration | |
| Recommended literature: Betty Ladley Finkbeiner, Charles Allan Finkbeiner. Practice Management for the Dental Team. St. Louis: Elsevier, 2019, 400 pages. ISBN 978-0323597661 Brian D. Hanks. How to Buy a Dental Practice: A Step-by-Step Guide to Finding, Analyzing, and Purchasing the Right Practice for You. Independently Published, 2017, 248 pages. ISBN 978-1545405094 Stephen Trutter, Jayme Amos, Bryan Packard. The Startup Dentist: The Definitive Guide to Starting a Successful Dental Practice from Idea to Opening Day. Independently Published, 2022, 310 pages. | |

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|---|-------|-------|-------|-------|-------|-------|
| ISBN 978-0998972228 Jerry Lanier. The Entrepreneur Dentist: How to Exit Your Dental Business Rich. Austin: Greenleaf Book Group, 2018, 240 pages. ISBN 978-1626344952 Addison Killeen, Ryan Gross, Kristin Carroll. Dental Marketing Manual: The Comprehensive Guide to Marketing for Your Dental Practice. Independently Published, 2022, 294 pages. ISBN 978-1737914301 | | | | | | |
| Course language: slovak | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Andrej Jenča, PhD., MBA | | | | | | |
| Date of last modification: 16.12.2024 | | | | | | |
| Approved: 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/Kr-ZL5/25 | Course name: Cariology 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: 5. | |
| Course level: I.II. | |
| Prerequisites: SK/PKZL-ZL5-3/25 | |
| Conditions for course completion: Completion of 100% participation in practical exercises and lectures. Ongoing monitoring with evaluation record during clinical training. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of procedures during clinical practice: Comprehensive examination of the oral cavity and facial area of an adult patient and design of a treatment plan (15) Vital treatment of the dental pulp - indirect overlap (8), direct overlap (5). Local treatment of dentinal hypersensitivity (5). Composite fillings (5). Glass ionomer filling (4). Evaluation of radiograms (20). | |
| Learning outcomes: The graduate will gain knowledge about the indications of individual types of materials, their properties, working procedures in the application of glass ionomer and composite materials, treatment and polishing of these materials | |
| Brief outline of the course: Filling materials and instruments for the application of dental materials – chemical curing materials, light-curing filling materials, adhesives. Glass ionomer cements - properties, composition, adhesion mechanism, using indications. Diagnosis and treatment of non-carious defects of hard dental tissues - abrasion, attrition, erosion. Dentine hypersensitivity - diagnostics, methods of treatment. Practical treatment of individual types of dental caries according to Black, using various materials, treatment of teeth with dentinal hypersensitivity. | |
| Recommended literature: | |

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

- Rudolf Kotula · Endodoncia - filozofia a prax, Vydavateľstvo: Herba, 2006
- Minčík, J. Kariológia, 2014, ISBN: 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: 0

| A | B | C | D | E | FX |
|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Date of last modification: 13.11.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

| | |
|---|--|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ KAZL-ZL5/25 | Course name: Case Reports of Acute Dental |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 Per study period: 0 / 1s Course method: present | |
| Number of ECTS credits: 1 | |
| Recommended semester/trimester of the course: 9. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: Preparation of case reports with the subject CD, DS, Propedeutics D, Periodontology, PeD, OD and their presentation on powerpoint of at least 3 case reports. Completion of 100% participation in practical exercises and lectures. Ongoing monitoring with evaluation record during clinical training. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. | |
| Learning outcomes: Focusing on rigorous diagnosis and treatment of clinical cases of acute dentistry. | |
| Brief outline of the course: Acute clinical subjects require prompt access to exact diagnosis and subsequent immediate treatment. The subject will be focused on managing exact diagnostics in a short time using all available diagnostic methods and following therapeutic procedures. | |
| Recommended literature: Holzerová J.: Modely chorôb v patofyziológii, UK Bratislava 2006, 129 s. ISBN 80-223-2046-3 Slavkovský P.: Korene slovenskej vedy a Nobelova cena za fyziológiu alebo medicínu SAP, Bratislava 2005, 164 s. Základy metodiky vedeckej práce Mária Kilíková · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2011 Ako písať školské a záverečné práce Metodická pomôcka pre študentov Peter Orendáč · Vydavateľstvo: Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, 2008 Professional, scientific and domestic foreign magazines and books. | |
| Course language: | |

| | | | | | | |
|--|-------|-------|-------|-------|-------|-------|
| english | | | | | | |
| Notes: | | | | | | |
| Course assessment | | | | | | |
| Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Andrej Jenča, PhD., MBA, MUDr. Adriána Petrášová, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MDDr. René Koudelka, MDDr. Vladislava Šaková, MDDr. Adriána Mičková, MDDr. Andrea Urbanová, PhD., MDDr. Natália Sokolová, MUDr. Jarmila Chrenková, PhD., MUDr. Silvia Labusová, MDDr. Adela Dzurilová, MDDr. Martina Semanová, MUDr. Margaréta Tamášová, PhD., MUDr. Marcela Šestáková, PhD., MUDr. Eva Janitorová, PhD. | | | | | | |
| Date of last modification: 22.11.2024 | | | | | | |
| Approved: 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-ZL5/25 | Course name: Chemistry of Dental Materials |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present | |
| Number of ECTS credits: 5 | |
| Recommended semester/trimester of the course: 1. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: lectures, seminars, practical exercise, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/departament/medical-and-clinical-biochemistry/education/subjects/dental-medicine/ | |
| Learning outcomes: The graduate acquires knowledge of general, inorganic and physical chemistry. Knows the importance of acid-base properties of substances, as well as energetic processes and understands the laws of the course of chemical reactions. Knows the structures and functions of metals and their alloys, ceramic, macromolecular and polymeric substances used in dentistry. The acquired knowledge will contribute to a better understanding of the composition, functions and properties of dental materials, which are the necessary theoretical basis for their subsequent correct application in dentistry. | |
| Brief outline of the course: Properties of dispersion systems and biological significance of water. Solutions (preparation, concentration, dilution - calculations). Acids, bases and salts, pH calculation. Buffers systems and the Henderson-Hasselbalch equation. Laws of the course of chemical reactions (kinetics, equilibrium, precipitation, thermodynamics). Electrochemistry (oxidation-reduction reactions, electrolysis, galvanic cell). Metals and their properties (crystalline lattices of metals, electrochemical voltage series of metals). Alloys and their properties (phase diagrams, eutectic point, corrosion). Amalgams (composition, structure, solidification reactions). Selected alloys used in dentistry (steel, Au and Ti alloys). Ceramic materials (composition and properties, dental cements and porcelains). Model materials. Impression materials. Polymers and macromolecular substances. Chemical composition of teeth. | |
| Recommended literature: | |
| Course language: slovak | |
| Notes: | |

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|--|-----|-----|-----|-----|-----|
| Course assessment | | | | | |
| Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: doc. Ing. Katarína Dubayová, PhD., doc. Ing. Beáta Hubková, PhD., RNDr. Jana Mašlanková, PhD. | | | | | |
| Date of last modification: 08.11.2024 | | | | | |
| Approved: 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/ PVO-ZL5/25 | Course name: Clinic Software |
| 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: Completion of practical courses Detailed conditions for completing the course are updated annually on the AiS2 electronic bulletin board and on the website of the Institute of Medical Informatics and Simulator Medicine, UPJŠ LF in Košice | |
| Learning outcomes: The student demonstrates basic computer and legislative literacy and the ability to communicate by electronic means. He/she learns and expands his/her knowledge of outpatient and hospital information systems, their use in communication with health insurance companies and other institutions of the public health system. | |
| Brief outline of the course: Reporting of services within public health insurance. Protection of personal data. Prescribing medicines and drugs. Legislative foundations of medical documentation. Software communication between medical facilities | |
| Recommended literature: Finkbeiner, Betty Ladley, and Finkbeiner, Charles Allan. Practice Management for the Dental Team. St. Louis: Elsevier, 2019, 400 pages, ISBN 978-0323597661. Hanks, Brian D. How to Buy a Dental Practice: A Step-by-Step Guide to Finding, Analyzing, and Purchasing the Right Practice for You. Independently Published, 2017, 248 pages, ISBN 978-1545405094. Killeen, Addison, Gross, Ryan, and Carroll, Kristin. Dental Marketing Manual: The Comprehensive Guide to Marketing for Your Dental Practice. Independently Published, 2022, 294 pages, ISBN 978-1737914301. Lanier, Jerry. The Entrepreneur Dentist: How to Exit Your Dental Business Rich. Austin: Greenleaf Book Group, 2018, 240 pages, ISBN 978-1626344952. Trutter, Stephen, Amos, Jayme, and Packard, Bryan. The Startup Dentist: The Definitive Guide to Starting a Successful Dental Practice From Idea to Opening Day. Independently Published, 2022, 310 pages, ISBN 978-0998972228. | |

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|--|-------|-------|-------|-------|-------|-------|
| Course language: slovak | | | | | | |
| 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. Ing. Jaroslav Majerník, PhD. | | | | | | |
| Date of last modification: 16.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|--|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ KAHaK-ZL5/25 | Course name: Clinical Anatomy of the Head and Neck |
| 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-ZL5-2/25 | |
| 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. | |

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|---|-----|-----|-----|-----|-----|
| Course language: english | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Andrej Jenča, PhD., MBA, MDDr. René Koudelka, MDDr. Filip Lukáč, MDDr. Rastislav Bobuľa | | | | | |
| Date of last modification: 14.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

| | |
|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: ULCHBKB/KB-ZL5/25 | 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: 1 | |
| Recommended semester/trimester of the course: 6. | |
| Course level: I.II. | |
| Prerequisites: ULCHBKB/LB-ZL5-2/25 | |
| 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: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Eva Ďurovcová, PhD., prof. Ing. Mária Mareková, CSc. | | | | | | |
| Date of last modification: 11.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|--|-------|--|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: UPZMV/TKDKP-ZL5/25 | | Course name: Competency Training for Dental 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: 1 | | | | | | |
| Recommended semester/trimester of the course: 6. | | | | | | |
| Course level: I.II. | | | | | | |
| Prerequisites: | | | | | | |
| Conditions for course completion: | | | | | | |
| Learning outcomes: | | | | | | |
| Brief outline of the course: | | | | | | |
| Recommended literature: | | | | | | |
| Course language: | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Jaroslav Rosenberger, PhD., PhDr. Ivana Mészáros Skoumalová, PhD., doc. Mgr. Zuzana Dankulincová, PhD., Mgr. Daniela Husárová, PhD., Mgr. Jaroslava Kopčáková, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD. | | | | | | |
| Date of last modification: 11.11.2024 | | | | | | |
| Approved: 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/ ROO-ZL5/25 | 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: KRNM/R-ZL5/25 | |
| 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: | |

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|--|-----|-----|-----|-----|-----|
| english | | | | | |
| Notes: | | | | | |
| Course assessment | | | | | |
| Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Jarmila Chrenková, PhD., Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Adriána Petrášová, PhD., MUDr. Jana Kaiferová, PhD., MUDr. Marián Kyseľ, PhD., MDDr. Jozef Jendruch, MDDr. Marcel Riznič, PhD., MDDr. MUDr. Beáta Bolerázska, PhD., MDDr. Zuzana Minarčíková, MDDr. Jana Kluknavská, PhD. | | | | | |
| Date of last modification: 13.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|--|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ DTP-ZL5/25 | Course name: Dental Technologies and Devices |
| 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: 3. | |
| Course level: I.II. | |
| Prerequisites: ULCHBKB/CHDM-ZL5/25 | |
| 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: | |

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|---|-------|-------|-------|-------|-------|-------|
| 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: 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: MDDr. Nad'a Homzová, MDDr. Juraj Bánovčín, PhD., MDDr. Zuzana Minarčíková, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Andrea Horváthová, MDDr. Karolína Kamila Glińska, MDDr. Zuzana Kotuličová, MDDr. Zuzana Drotárová, PhD., MHA | | | | | | |
| Date of last modification: 14.11.2024 | | | | | | |
| Approved: 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-ZL5/25 | Course name: Dermatovenerology |
| 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-ZL5-2/25 | |
| Conditions for course completion: 100% attendance at practical exercises (in the case of excused absence practice, student may substitute up to 2 exercises). Successfully pass the tests to get at least 60% of total score. Compulsary attendance in at least 7 lectures | |
| Learning outcomes: The student of the subject Dermatovenerology will acquire theoretical and practical knowledge in the field of etiopathogenesis, diagnosis, differential diagnosis, treatment and prevention of the skin diseases and sexually transmitted diseases especially with a focus on diseases affecting the visible mucous membranes, particularly the oral cavity, in children and adults. The student will have the skills to diagnose and treat drug, food and contact allergies to allergens used in dental medicine. The student is able to evaluate and use the acquired knowledge during further study and at the same time apply theoretical knowledge in practice. | |
| Brief outline of the course: General dermatology, morphology, terminology. Basic investigation in dermatology (investigation methods). Bacterial, viral and fungal infections of the skin and mucous membranes - differential diagnosis. Psoriasis and erythematosquamous diseases. Eczema – endogenous, exogenous, diagnosis, therapy. Drug allergy, food allergy. Facial dermatoses. Manifestations of skin diseases in the oral cavity. Bullous dermatoses. Autoimmune connective tissue diseases. Hair and nail diseases. Chronic venous insufficiency. Non-melanoma skin cancer and malignant melanoma. Venereal diseases. STD. Basics of pharmacotherapy in dermatovenerology | |
| Recommended literature: Jautová, J. Zásady terapie v dermatológii: vysokoškolská učebnica pre pregraduálne a postgraduálne štúdium. Košice, UPJŠ, 2010, 95s., 2010. Jautová, J. Praktické cvičenia z dermatovenerológie pre poslucháčov zubného lekárstva. Košice, UPJŠ, 2010, 85 s., 2010. Buchvald, J., Buchvald, D. Dermatovenerológia. SAP-Slovak Academic Press, s.r.o., Bratislava, 2002. Vlašín, Z., Jedličková, A. a kol.: Praktická dermatologie v obrazech a schématech. Vladerma, Brno 2001. Braun-Falco, O., Plewig, G., Helmut.H.W.: Dermatológia a venerológia. Vydavateľstvo Osveta, | |

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|--|-------|-------|-------|-------|-------|-------|
| Martin, 2001. Šimaljaková, M., Buchvald, D: Dermatovenerológia. Vydavateľstvo UK, Bratislava, 2019 Hercogová, J. et al.: Klinická dermatovenerologie 1. a 2.díl, Mladá fronta, Praha, 2019 | | | | | | |
| Course language: | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 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. MUDr. Janette Baloghová, PhD., prof. MUDr. Jagienka Jautová, PhD., MBA, MUDr. Zuzana Baranová, PhD., MUDr. Zuzana Fedáková, MUDr. Anna Rajňáková, MUDr. Gabriela Takáčová, MBA | | | | | | |
| Date of last modification: 11.11.2024 | | | | | | |
| Approved: 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/ DTvZL-ZL5/25 | Course name: Digital Technologies in Dentistry |
| 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., 8. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: <ul style="list-style-type: none"> · Attendance at a minimum of 80% of practical sessions. · Presentation of a case study involving digital technology applications in practice. · Final written test (minimum 70% correct answers) | |
| Learning outcomes: Upon completion of the course, students will be able to: <ol style="list-style-type: none"> 1. Understand the principles of digital technologies in dentistry. 2. Apply digital tools for diagnostics and treatment planning. 3. Operate intraoral scanners, CAD/CAM systems, and 3D printing technologies. 4. Analyze the use of digital technologies in prosthetics and orthodontics. 5. Demonstrate the ability to work independently with modern digital devices. | |
| Brief outline of the course: <ol style="list-style-type: none"> 1. Introduction to digital technologies in dentistry – history and development. 2. Intraoral scanners – principles and practical applications. 3. CAD/CAM systems – design and manufacturing of prosthetics. 4. 3D printing in dentistry – technologies and applications. 5. Digital diagnostics – CBCT and other imaging systems. 6. Clinical applications of digital tools in dentistry. 7. Ethical and legal aspects of digital technologies in clinical practice. | |
| Recommended literature: <ol style="list-style-type: none"> 1. Joda, T., & Waltimo, T. (2021). "Digital Dentistry." Springer. 2. Zahradnik, H. (2018). "Practical Guide to Digital Dentistry." Quintessence Publishing. 3. Dawood, A., & Patel, S. (2017). "Cone Beam Computed Tomography in Clinical Practice." Wiley-Blackwell. 4. Abduo, J., & Elseyoufi, M. (2020). "CAD/CAM in Restorative Dentistry." Springer. | |
| Course language: slovak | |
| Notes: | |

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|---|-------|-------|-------|-------|-------|-------|
| 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: MDDr. Marcel Riznič, PhD. | | | | | | |
| Date of last modification: 05.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ DPODP-ZL5/25 | 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: 5 | |
| Recommended semester/trimester of the course: 9., 10.. | |
| Course level: I.II. | |
| Prerequisites: SK/DS-ZL5-1/25 and SK/DS-ZL5-2/25 and SK/DS-ZL5-3/25 | |
| 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: 0

| A | B | C | D | E | FX |
|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Provides:

Date of last modification: 27.11.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

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|--|-----------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/E-ZL5-1/25 | Course name: Endodontics 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: 4 | |
| Recommended semester/trimester of the course: 8. | |
| Course level: I.II. | |
| Prerequisites: SK/Kr-ZL5/25 | |
| 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. | |

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|---|-----|-----|-----|-----|-----|
| Comprehensive endodontic treatment of the root system. Mastering of working with magnifying glasses. Acquisition of working with intraoral X-ray device. | | | | | |
| Recommended literature: Harthy, : Endodontics in clinical practise, ISBN-10: 0702031569, ISBN-13: 978-0702031564 • Fejerskov, O, Kidd, E.: Dental caries- The disease and its clinical management, 2008, ISBN 9781405138895 • Rudolf Kotula · Endodoncia - filozofia a prax, Vydavateľstvo: Herba, 2006 • Vlasta Merglová a Hana Hecová · Praktická cvičení z dětského a konzervačního zubního lékařstvíCZ, Vydavateľstvo: Karolinum, 2010 Professional, scientific and domestic foreign magazines and books. | | | | | |
| Course language: english | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Margaréta Tamášová, PhD., MUDr. Adriána Petrášová, PhD., MDDr. Zuzana Minarčíková, MDDr. Adriána Mičková, MUDr. Kristína Biganičová, MDDr. Zuzana Slobodníková Švecová, MDDr. Barbara Petrišin Rudová, MDDr. Natália Sokolová, MDDr. Dominik Šarik, MDDr. Vladislava Šaková | | | | | |
| Date of last modification: 18.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|---|-----------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/E-ZL5-2/25 | Course name: Endodontics 2 |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 22s / 128s Course method: present | |
| Number of ECTS credits: 6 | |
| Recommended semester/trimester of the course: 9. | |
| Course level: I.II. | |
| Prerequisites: SK/E-ZL5-1/25 | |
| 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. | |

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|--|-------|-------|-------|-------|-------|-------|
| 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: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Margaréta Tamášová, PhD., MUDr. Adriána Petrášová, PhD., MDDr. Zuzana Minarčíková, MDDr. Adriána Mičková, MDDr. Mária Futejová, MUDr. Kristína Biganičová, MDDr. Zuzana Drotárová, PhD., MHA, MUDr. Andrea Vödrösová, MDDr. Dominik Šarik, MDDr. Barbara Petrišin Rudová, MDDr. Vladislava Šaková, MDDr. Natália Sokolová, MUDr. Angelika Vavrek Hanzenová, MDDr. Dominika Domonkošová | | | | | | |
| Date of last modification: 18.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|-------|-------------------------------|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: 1. KAIM/PP-ZL5/25 | | Course name: First Aid | | | | |
| 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. | | | | | | |
| Course level: I.II. | | | | | | |
| Prerequisites: | | | | | | |
| Conditions for course completion: 1. Completion of all exercises - 100% participation in practical exercises 2. Final test - minimum 60% pass rate | | | | | | |
| Learning outcomes: Properly rehearse and perform basic emergency resuscitation. Familiarisation with the basics of first aid for mass casualties, bleeding, burns and sudden illness. To train students to be able to provide first aid to a casualty before the arrival of the emergency services. | | | | | | |
| Brief outline of the course: Pre-medical first aid. First aid for unconsciousness, convulsions, respiratory disorders. Shock conditions. Stopping bleeding. Basic emergency resuscitation. Injuries in traffic accidents. Positioning and transport of the injured. | | | | | | |
| Recommended literature: KELNAROVÁ, Jarmila: První pomoc I - Pro studenty zdravotnických oborů, 2013, ISBN 978-80-247-4199-4 KELNAROVÁ, Jarmila: První pomoc II - Pro studenty zdravotnických oborů, 2013, ISBN 978-80-247-4200-7 | | | | | | |
| Course language: Slovak language | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Judita Capková, PhD., MUDr. Vladimír Hudák, PhD., MUDr. Štefan Ivanecký, prof. MUDr. Radoslav Morochovič, PhD., MUDr. Adam Fabian, MUDr. Roman Kysel', MUDr. Miroslav Sučko, MUDr. Jana Šimonová, PhD., MPH | | | | | | |
| Date of last modification: 08.11.2024 | | | | | | |

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

| | |
|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: USL/ SLMP-ZL5/25 | 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-ZL5/25 and UPF/PF-ZL5-1/25 | |
| Conditions for course completion: Attendance on lectures and seminars to the specified extent, successful completion of a credit test and oral exam. | |
| Learning outcomes: The aim of the subject is to acquaint students with the role of Forensic Medicine, as one of the main branches of medicine. The students will learn how to identify and assess the effects of violence on the human body, determine the cause of death in cases of non-violent and violent death, as well as apply medical knowledge to questions of civil and criminal law. Emphasis is placed on the importance of forensic stomatology and on acquiring basic knowledge necessary to perform an examination of the dead body at the scene of death, as a knowledge required of every future doctor. | |
| Brief outline of the course: Introduction to forensic medicine. History of forensic medicine. Role and concept of forensic medicine in Slovakia. Health Care Surveillance Authority. Medico-Legal and Pathological-Anatomical Departments of HCSA. Forensic medicine and legal authorities. Expert activity in relation to Criminal Law. Act No. 576/2004 Coll. on health care – procedures to be followed in case of death. Act No. 581/2004 Coll. on health insurance companies, healthcare supervision – examination of the dead body, autopsy. Types of autopsies. Autopsy procedure. Collection of biological material during the autopsy. Imaging methods in forensic medicine. Neonatal autopsy. Medicolegal death investigation. Estimation of the time of death. Postmortem changes. Supravital and vital reactions. Manner of death. Identification of the living and the dead. Forensic dentistry. Identity of decomposed or skeletalised remains. Identification in mass disasters. Exhumation. Visit to the autopsy room – documentation required for the autopsy, autopsy diagnosis, autopsy report, examination of oral cavity. Natural (non-violent) death in adults. Natural (non-violent) death in children. Sudden infant death syndrome. Violent death in children. Child abuse and neglect. Killing of a newborn baby by the mother. Pregnancy and childbirth. Sexual offenses. Violent death. Mechanical injuries. Examination of wounds. Blunt and sharp force injuries. Regional injuries. Craniocerebral trauma. Firearm and blast injuries. Forensic investigation of traffic accidents. Suffocation. Mechanical asphyxia. Drowning. Thermal injuries. Electrical injuries. Diving accidents (barotrauma, decompression sickness). High altitude illness. Ionizing radiation injury and illness. Forensic toxicology. General aspects of poisoning. Types of poisons. | |

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

Recommended literature:

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

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 0

| A | B | C | D | E | FX |
|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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: 11.11.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

| | | | | | | |
|---|-------|--|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: Dek. LF UPJŠ/ZV/24 | | Course name: Foundations of Mindfulness | | | | |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present | | | | | | |
| Number of ECTS credits: 2 | | | | | | |
| Recommended semester/trimester of the course: 1., 3., 5., 7. | | | | | | |
| Course level: I., I.II. | | | | | | |
| Prerequisites: | | | | | | |
| Conditions for course completion: | | | | | | |
| Learning outcomes: | | | | | | |
| Brief outline of the course: | | | | | | |
| Recommended literature: | | | | | | |
| Course language: | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 20 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 70.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.0 |
| Provides: | | | | | | |
| Date of last modification: 09.04.2024 | | | | | | |
| Approved: 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/ ZGP-ZL5/25 | | Course name: Fundamentals of Gynecology and Obstetrics | | | | |
| 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: 8. | | | | | | |
| Course level: I.II. | | | | | | |
| Prerequisites: | | | | | | |
| Conditions for course completion: 100 % presences on lectures, minimum 60 % point in exam test (mark E) | | | | | | |
| Learning outcomes: | | | | | | |
| Brief outline of the course: Basic assessment in Gynecology and Obstetrics, Normal and high risk pregnancy, Normal and pathological labour, Mestruual disorders, Inflammatory disease in Gynecology and Obstetrics, Benign and malignant tumours , infertility, urogynecology, breast disease. Gynecological disorders and their impact on oral cavity. | | | | | | |
| Recommended literature: Čech E., et al., Porodnictví, 1999 Citterbart, K., et al., Gynekologie, 2001 Martius G., et al., Gynekológia a pôrodníctvo, 1997 Gabbe S. G., et al., Obstetrics, 1996 Novak's and Berek J., et al., Gynaecology, 1996 Ostró A. a Feyereisl J., Peripartální hemoragie, 2013 | | | | | | |
| Course language: slovak language | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 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. 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: 11.11.2024 | | | | | | |

Approved: 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/ ZOCH-ZL5/25 | Course name: Fundamentals of Oral Surgery |
| 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: 4. | |
| 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 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: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Michaela Michalik, PhD., MPH, MBA, MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Zuzana Slobodníková Švecová, MDDr. Lenka Soták Benedeková, MDDr. Naďa Homzová, MDDr. Simona Svatková, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Jaroslav Ďurica, MDDr. Mária Futejová, MDDr. Natália Sokolová, MUDr. Adriána Petrášová, PhD., MDDr. Sofia Mikolajová | | | | | | |
| Date of last modification: 14.11.2024 | | | | | | |
| Approved: 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/ ZCHS-ZL5/25 | Course name: Fundamentals of Surgical Suturing |
| 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: 5., 7. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: Detailed conditions for completing the course are updated annually on the AiS2 electronic bulletin board and on the website of the Department of Stomatology and Maxillofacial Surgery, UPJŠ LF Košice, the 1st Department of Stomatology, UPJŠ LF Košice, and the Department of Stomatology and Maxillofacial Surgery, Academia Košice. | |
| Learning outcomes: The student demonstrates knowledge of the basics of oral and maxillofacial surgery. He/she becomes familiar with various techniques of complex wound management in the oral cavity and upper aerodigestive tract. On simulators and in contact teaching, he/she trains suturing and knotting techniques, selection of appropriate instruments and materials for wound closure. | |
| Brief outline of the course: Wound classification and management. Types of suture materials. Methods of suturing and knotting. Pharmacological and non-pharmacological support of wound healing. Treatment of bone wounds. Treatment of soft tissue wounds. Indications and contraindications of tissue adhesive. | |
| Recommended literature: Bonanthaya K. et al.: Oral and Maxillofacial Surgery for Clinician. Singapore: Springer, 2021. 1965 p. ISBN: 978-981-15-1345-9 Hirjak D. a kol.: Tretie moláre. Bratislava: Slovensk s.r.o., 2016, 127 s. ISBN 978-80-971444-4-9 Šimúnek A. a kol.: Dentální implantologie. Hradec Králové: Nucleus HK., 2020, 495 s., ISBN: 9788090679405 Miloro M. et al.: Peterson's Principles of Oral nad Maxillofacial Surgery. Springer Nature Switzerland, 2022, 2328 p., ISBN: 3030919196 Siervo S.: Suturing Techniques in Oral Surgery. Quintessence, 2008, 233 p., ISBN: 978-88-7942-120-1 | |
| Course language: slovak | |
| Notes: | |

| | | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| Course assessment | | | | | | |
| Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Peter Kizek, PhD., MHA, MPH | | | | | | |
| Date of last modification: 12.12.2024 | | | | | | |
| Approved: 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/ GRMZL-ZL5/25 | Course name: Genetics and Regenerative Medicine in Dentistry |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present | |
| Number of ECTS credits: 3 | |
| Recommended semester/trimester of the course: 3. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: All practical lessons (100%) are obligatory for all students. Assessment of the student's learning achievements is carried out as a combination of continuous monitoring of the study during the teaching part of the semester (40%) with the final examination for the period of the semester concerned (60%). Prerequisite for the final examination (to register for the final examination) is the acquirement of 20 points minimum from continuous assessments during the semester. | |
| Learning outcomes: To introduce the basic concepts of cell biology, including cell structure, macromolecules, genetics, molecular biology, development and cell communications. To give students a thorough grounding in the theoretical and practical foundations of basic genetics. Students have acquired an understanding of the major concepts in cell and molecular biology and have obtained basic information related to genetics and molecular biology methods in clinical practice. | |
| Brief outline of the course: Mutations - classification of mutations, mechanisms of mutagenesis. The gene mutations and inherited pathological traits in man. Chromosomal aberrations, aneuploidy, polyploidy, chromosomal aberrations in human diseases. Mendelian inheritance, historical overview, general characteristics, Mendel's laws of inheritance. X-linked inheritance, Lyon hypothesis. Gene linkage. Immunogenetics, general features, structure and function of antigens and antibodies, immune response, transplantation genetics. HLA system, blood group systems. Population genetics, Hardy-Weinberg law, population equilibrium, panmixis, inbreeding, genetic drift, eugenics, euphenics. Human genetics – genealogy, genetics of twins. Variability of gene expression, genetic polymorphism. Carcinogenesis, molecular biology methods in cancer diagnostics. Cell signalling pathways and molecular targeted therapy. Molecular biology methods and their application in clinical practice. Genomics and medicine. Ethical issues in human genetics. | |
| Recommended literature: Slabá, E. a kol.: Lekárska biológia a genetika, ŠafárikPress, Košice 2023, 352 s. Slabá, E. a kol.: Biológia – Praktické cvičenia, ŠafárikPress, Košice 2020, 164 s. Sršeň,Š., Sršňová,K.: Základy klinickej genetiky a jej molekulárna podstata, Osveta, Martin 2005, 446 s. | |

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|---|-----|-----|-----|-----|-----|
| Course language: | | | | | |
| Notes: | | | | | |
| Course assessment | | | | | |
| Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: prof. RNDr. Ján Šalagovič, PhD., RNDr. Helena Mičková, PhD., RNDr. Lucia Klimčáková, PhD., RNDr. Jozef Židzik, PhD., RNDr. Terézia Hudáková, PhD., doc. RNDr. Peter Solár, PhD., RNDr. Eva Slabá, PhD., RNDr. Martina Šemeláková, PhD., Mgr. Pavol Harvanik, prof. RNDr. Janka Vašková, PhD. | | | | | |
| Date of last modification: 08.11.2024 | | | | | |
| Approved: 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-ZL5/25 | Course name: Geronto-dentistry |
| 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: 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: 0

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

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

Date of last modification: 20.11.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

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|--|--------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/GN-ZL5/25 | Course name: Gnathology |
| 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-ZL5-2/25 and UFZ/LF-ZL5-2/25 and UHE/HE-ZL5-2/25 | |
| 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 | |

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|---|-------|-------|-------|-------|-------|-------|
| 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: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Marcela Šestáková, PhD., MDDr. Nad'a Homzová, MUDr. Adriána Petrášová, PhD., MDDr. Katarína Tomová, MDDr. Filip Lukáč, MUDr. Petra Berešová, MDDr. Zuzana Krchová Nagyová, MDDr. Dominika Domonkošová, MDDr. Jakub Jánošík, MPH, MUDr. Andrej Jenča, PhD., MBA, Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH | | | | | | |
| Date of last modification: 14.11.2024 | | | | | | |
| Approved: 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-ZL5-1/25 | 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: 4 | |
| Recommended semester/trimester of the course: 1. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: Requirements for completion of subject 1. Student has to attend all practical lessons (100%). 2. Limits to pass the subject Histology and Embryology 1: control tests during practical classes – average minimum 60% semestral slide test – minimum 60% of each slide semestral written test – minimum 60% If these conditions are not completed the student is evaluated - FX https://www.upjs.sk/app/uploads/sites/9/2024/09/DM-HE1-requirements.pdf | |
| Learning outcomes: The student gains knowledge about the microscopic structure and function of the cells and tissues within living human organism. This serves as the base for studying pathology and pathophysiology. Cells and tissues are studied practically by the light microscope. Embryology I. is concerned with basic principles of early human development. | |
| Brief outline of the course: Histologic technic; Cytology; Epithelial tissue; Connective tissue proper; Cartilage; Bone; Ossification; Blood - hemopoiesis and bone marrow; Muscle tissue; Nervous tissue; Embryology - blastogenesis and early organogenesis. https://www.upjs.sk/app/uploads/sites/9/2024/09/DM-HE-1-Curriculum.pdf | |
| Recommended literature: Literatúra: Povinná literatúra: 1. Mechírová E. a kol.: Cytológia a všeobecná histológia, Elektronická učebnica pre medikov (2010) https://portal.lf.upjs.sk/ 2. Domoráková I. a kol.: Mikroskopická anatómia pre odbor zubného lekárstva (2018) 3. Domoráková I. a kol.: Vybrané kapitoly z histológie pre odbor zubného lekárstva - Učebnica a mikroskopický atlas, 2019), https://portal.lf.upjs.sk/ 4. Mechírová E. a kol.: Histológia, 2008 5. Kapeller K. a Pospíšilová V.: Embryológia človeka (2001) | |

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

Odporúčaná literatúra:

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

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

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

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 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. MVDr. Štefan Tóth, PhD., MVDr. Zuzana Fagová, PhD., MVDr. Viera Eliášová, RNDr. Kristína Čurgali, PhD., MVDr. Katarína Hajovská, PhD., MVDr. Monika Holodová, PhD., MUDr. Alexandra Kunová

Date of last modification: 08.11.2024

Approved: 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-ZL5-2/25 | 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: 5 | |
| Recommended semester/trimester of the course: 2. | |
| Course level: I.II. | |
| Prerequisites: UHE/HE-ZL5-1/25 | |
| 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/en/faculty-of-medicine/department/histology-and-embryology/teaching/courses/dr/ | |
| Learning outcomes: The student gains knowledge about the microscopic structure and function of the cells, tissues, organs and organ systems within living human organism. This serves as the base for studying pathology and pathophysiology. The microscopic structure of the organs are studied practically by the light microscope. Embryology II. is concerned with basic principles of early human development, organogenesis and malformations during prenatal development with main focus on head structures development. | |
| Brief outline of the course: Cardiovascular system, Lymphatic system, Upper respiratory system, Digestive system and salivary glands; Microscopic structure of the tooth, function and development; General structure and function of the ovary, testis and kidney, Structure of the skin, Endocrine system, Nervous system, Sense organs, Embryology - organogenesis. https://www.upjs.sk/en/faculty-of-medicine/department/histology-and-embryology/teaching/courses/dr/ | |
| Recommended literature: Povinná literatúra: 1. Mechírová E. a kol.: Cytológia a všeobecná histológia, Elektronická učebnica pre medikov (2010) | |

<https://portal.lf.upjs.sk/>
 2. Pomfy M. a kol.: Mikroskopická anatómia, Elektronická učebnica pre medikov (2009)
<https://portal.lf.upjs.sk/>
 3. Domoráková a kol.: Mikroskopická anatómia pre odbor zubného lekárstva (2018)
 4. Domoráková a kol.: Vybrané kapitoly z histológie pre odbor zubného lekárstva - Učebnica a mikroskopický atlas, (2019), <https://portal.lf.upjs.sk>
 5. Kapeller K. a Pospíšilová V.: Embryológia človeka (2001)
 6. Mechírová E. a kol.: Histológia, 2008
 Odporúčaná literatúra:
 1. Základy histológie (Junqueira a kol., 2016)
 2. Netter's Essential Histology (Ovale P.C., Nahirney W.K., 2013)
https://www.upjs.sk/public/media/10010/SJ_HE2_Povinna_liter%20ZL.pdf

Course language:

Notes:

Course assessment

Total number of assessed students: 0

| A | B | C | D | E | FX |
|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Provides: doc. MVDr. Iveta Domoráková, PhD., doc. MVDr. Štefan Tóth, PhD., MVDr. Zuzana Fagová, PhD., MUDr. Alexandra Kunová

Date of last modification: 08.11.2024

Approved: 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/ PSPx-ZL5/25 | Course name: Holiday Dental Practice |
| Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 125s Course method: present | |
| Number of ECTS credits: 2 | |
| Recommended semester/trimester of the course: 8. | |
| Course level: I.II. | |
| Prerequisites: | |
| 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: 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: 21.11.2024

Approved: 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/ PPx-ZL5/25 | Course name: Holiday Practice |
| 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: 2. | |
| 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: slovak | |

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|---|-------|-------|-------|-------|-------|-------|
| 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: 02.12.2024 | | | | | | |
| Approved: 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/ PPxDH-ZL5/25 | Course name: Holiday Practice - Dental Hygiene |
| Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 125s Course method: present | |
| Number of ECTS credits: 2 | |
| Recommended semester/trimester of the course: 6. | |
| Course level: I.II. | |
| Prerequisites: | |
| 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: 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: 18.11.2024

Approved: 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/ PPxSCH-ZL5/25 | Course name: Holiday Practice and Care for the Sick |
| 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: 4. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: earning credits based on performances 1. Casting anti-bite and study impressions with plaster II. type – 5x. 2. Casting and processing impressions with extendable pins (PIN-DEX system) - plaster III. and IV. type - at least 2x in cooperation with a dental technician. 3. Modeling simpler pillar constructions from wax and cementing them - method of lost wax in cooperation with a dental technician (minimum 2x), casting of models. 4. Faceting of cast and machined fixed crowns and bridges with special resins (K+B, photocomposite systems) under the guidance of a dental technician (minimum 1x). 5. Processing and polishing of finished fixed works before handing over to the patient (minimum 3 times). 6. Duplication of models (including unblocking of underrunning spaces) during production ČSN (minimum 1x). 7. Preparation of shellac plates and wax rolls as part of the work procedure in the removable room prosthetics (minimum 2x). 8. Work with an articulator - fixing working models, building teeth at ČSN and TN (at least 2x). 9. Laboratory completion of restorations - cuvetization of wax restorations, washing out of wax, resin dough pressing, polymerization, processing and polishing of finished ČSN and TN (minimum 1x ČSN and 1x TN). The listed 9 basic laboratory procedures are mandatory Other - optional laboratory procedures according to the level of laboratory equipment include metal ceramics, ceramics of the Zircon and Turkom-Cera type, vertical and horizontal retention ČSN systems (plug-in joints, support calipers, telescopic crowns), preliminary and definitive analysis of models in the planning and construction of ČSN with a metal frame, repairs fixed and removable restorations, atypical solutions of total restorations (hybrid restorations) and similarly in a demonstration form. | |
| Learning outcomes: | |

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|--|-------|-------|-------|-------|-------|-------|
| 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: 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: 18.11.2024 | | | | | | |
| Approved: 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-ZL5/25 | 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: 6. | |
| Course level: I.II. | |
| Prerequisites: ULM/M-ZL5-2/25 | |
| Conditions for course completion: Active participation in lectures and seminars. Exam - written test. | |
| Learning outcomes: The student will acquire basic knowledge about the occurrence and spread of infectious and non-infectious diseases in the population, about the fundamental factors influencing their emergence, about preventive and repressive measures against their spread, and about improving the health status of the population. He will also acquire basic knowledge about risk factors in the dentist's office, and the effects of healthy nutrition on the oral health of the population and the individual. | |
| Brief outline of the course: Introduction to hygiene and epidemiology, basic concepts with a focus on diseases in the orofacial area. Environmental hygiene. The hygienic-epidemiological regime in the dentist's office. Personal and hygienic security of dental clinics. Food hygiene. The importance of nutrition in dental practice. Manifestations of nutritional deficiencies in the oral cavity. Prevention of tooth decay. Rational nutrition, alternative ways of eating. Work hygiene. Categorization of works. Professional risks in the dental clinic. The influence of physical, chemical, biological, and psychosocial factors in the work of a dentist. Obligatory and optional occupational disease. Work-related disease. Preventive measures – technical, organizational. Hygiene of children and adolescents. Methods of assessing the growth and development of children, dental age, and factors affecting the growth and development of the child's organism with a focus on the development of teeth and oral health in individual periods of child growth. Preventive and interventional health promotion programs in dentistry. The issue of water in dental workplaces. Water fluoridation. Epidemiological classification of diseases. Methods of epidemiology. Sources of infection. Carrier of pathogenic microorganisms. Transmission mechanism, phases, forms. The outbreak of infection. Epidemiological process. Preventive and repressive anti-epidemic measures. Surveillance. Safety measures when working with biological material. Epidemiology of nosocomial infections. Decontamination. Sterilization. Disinfection. Epidemiology of oncological diseases of the oral cavity and oropharynx. Registers of oncological diseases. | |
| Recommended literature: Ševčíková, Ľ. a kol. Hygiena. Bratislava: UK, 2006.328 s. ISBN 80-223-2103-6. | |

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

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

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

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

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

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

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 0

| A | B | C | D | E | FX |
|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Date of last modification: 11.11.2024

Approved: 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-ZL5/25 | | Course name: Immunology in Dentistry | | | |
| 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/LB-ZL5/25 | | | | | |
| Conditions for course completion: test examination | | | | | |
| Learning outcomes: Overview of the structure, mechanisms and function of immune system. | | | | | |
| Brief outline of the course: Cells of immune system. Function of T and B lymphocytes. NK cells. Myeloid cells. Structure and function of lymphoid organs. Mucosal immune system. Major histocompatibility system. Antigens, immunoglobulins, cytokines, adhesive molecules. Regulation of immune response. Immunopathological reactions I, II, III, IV. Anticancer immunity. Autoimmunity. Immunodeficiency. | | | | | |
| Recommended literature: Stites, D.P.: Medical Immunology | | | | | |
| Course language: | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: RNDr. Marián Sabol, CSc., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., MVDr. Vladimír Hrabovský, PhD., Mgr. Mária Nagyová, Ing. Viera Lovayová, PhD., doc. RNDr. Katarína Čurová, PhD. | | | | | |
| Date of last modification: 08.11.2024 | | | | | |
| Approved: 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-ZL5/25 | Course name: Infectology |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present | |
| Number of ECTS credits: 2 | |
| Recommended semester/trimester of the course: 7. | |
| Course level: I.II. | |
| Prerequisites: IK/IM-ZL5-1/25 | |
| Conditions for course completion: CP - Conditions for passing the subject: Successful completion of practical lessons/seminars requires: - Mandatory 90% participation in practical lessons, theoretical and methodical mastery of practical tasks. - For serious reasons - after documentation - it is possible to excuse a maximum of 1 practical lesson - II. To successfully complete the subject and obtain credits, the following is necessary: - Successful completion of practical lessons/seminars. - Successful completion of the written examination at the end of the semester, obtaining at least 70% points. - Final exam: oral - The final assessment takes into account the results of the written and final exam. | |
| Learning outcomes: ER - Education results: By completing the subject, the student will gain knowledge about the causes of infectious diseases, the ways of their transmission, and acquire practical skills in how to diagnose individual infectious diseases, how to treat them, and how to prevent their spread. | |
| Brief outline of the course: CC - Course contents: Nature of infectious diseases, principles of diagnosis. Anti-infective therapy. Viral hepatitis. Respiratory infections, COVID-19. Neuroinfections. HIV/AIDS. Oral cavity infections. Differential diagnosis of febrile conditions. The risk of transmission of infectious diseases during dental procedures and their prevention. Correct use of PPE. | |
| Recommended literature: L - Recommended literature: Bálint O. a kol.: Infektológia a antiinfekčná terapia. 2.prepracované vydanie. Bratislava, Osveta 2007 Havlík, J. a spolupracovníci: Príručka infekčných a parazitárných nemocí, Avicenum. Praha 198 BÁLINT O. a kol.: Infektológia a antiinfekčná terapia. 2. vydanie. Osveta 2007, Martin. 587 s. ISBN: 8080632227. – dostupné v knižnici LF ROZSYPAL, Hanuš. Základy infekčného lékařství. 1. vydání. Praha : Karolinum, 2015. 566 s. ISBN 978-80-246-2932-2. – elektronická verzia dostupná v knižnici LF, cez ProQuest Ebook Central. https://ebookcentral.proquest.com/auth/lib/upjs-ebooks/login.action?returnURL=https%3A%2F%2Febookcentral.proquest.com%2Flib%2Fupjs-ebooks%2Fdetail.action%3FdocID | |

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

Course language:

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

Notes:

Course assessment

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

Date of last modification: 11.11.2024

Approved: 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/ IZL-ZL5/25 | Course name: Informatics in Dentistry |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present | |
| Number of ECTS credits: 2 | |
| Recommended semester/trimester of the course: 1. | |
| 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.lf.upjs.sk/articles.php?aid=85 . ISSN 1337-7000. 3. Dale E. Mattson, Ph.D., Statistics, Difficult concepts, understandable explanations, Bolchay - Carducci Publishers, 1999. 4. Douglas G. Altman, Practical Statistics for Medical Research, CHAPMAN @ HALL, London, 1994. | |

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

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 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. Ing. Jaroslav Majerník, PhD., Ing. Andrea Kačmariková, PhD., Ing. Lenka Urbanská, PhD.

Date of last modification: 08.11.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

| | |
|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: IK/IM-ZL5-1/25 | 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: 6. | |
| Course level: I.II. | |
| Prerequisites: IK/IP-ZL5/25 | |
| Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises | |
| Learning outcomes: Graduate acquires basic information on investigative methodologies ECG - ECG normal curve, changes in the width and interval of each wave with pathological findings. Students learn skills in the field of musculoskeletal diseases, laboratory diagnostics, hematology and fundamentals of toxicology. | |
| Brief outline of the course: Principles of clinical electrocardiography, normal ECG, ECG in coronary heart disease pulmonary embolism, electrolyte disturbances etc. X- ray in internal medicine. Chest X- ray. Examination of the musculoskeletal system. Main symptoms of the skeletal disease. Main laboratory investigation in internal medicine /hematological and biochemical investigation/. Mitral stenosis, mitral regurgitation. Aortic stenosis, aortic regurgitation. Most common poisonings. Main clinical symptoms and signs. The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website | |
| Recommended literature: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Češka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Mitro P., Valočík G : Vyšetrovacie metódy v kardiológii, EQUILIBRIA 2009 Sninčák : Artériová hypertenzia v staršom veku Joppa P. a kol.: Vybrané kapitoly z pneumológie a ftizeologie https://unibook.upjs.sk/sk/lekarska-fakulta/970-vybrane-kapitoly-z-pneumologiea-ftizeologie | |

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|--|-------|-------|-------|-------|-------|-------|
| Mitro, P.: Základy elektrokardiografie, UPJŠ 2003 | | | | | | |
| Course language: slovak | | | | | | |
| 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. MUDr. Viola Vargová, PhD., prof. MUDr. Želmíra Macejová, PhD., MPH, doc. MUDr. Jozef Gonsorčík, CSc., prof. MUDr. Ľubomír Legáth, PhD., MUDr. Jarmila Tomčová, MUDr. Tomáš Guman, PhD., MBA, doc. MUDr. Pavol Joppa, PhD., doc. MUDr. Slavomír Perečinský, PhD., doc. MUDr. Martin Janičko, PhD., MUDr. Ivana Gotthardová, PhD., MUDr. Lenka Rušinová, MUDr. Anna Ťurgeová, PhD. | | | | | | |
| Date of last modification: 11.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

| | |
|--|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: IK/IM-ZL5-2/25 | Course name: Internal Medicine 2 |
| 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-ZL5-1/25 | |
| Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises | |
| Learning outcomes: Graduate acquires basic theoretical knowledge of cardiology, pneumology, diabetology and angiology. It has the opportunity to become familiar with the investigation and therapeutic procedures used in these diseases. | |
| Brief outline of the course: Heart failure, Arrhythmias, Coronary heart disease - clinical symptomatology - diagnosis and treatment (including acute myocardial infarction), Tromboembolic disease - Acute and chronic pulmonary heart disease, Chronic obstructive pulmonary disease - Bronchial asthma - Tumors of the lung pneumonias, Diabetes mellitus 1. and 2. type - treatment - main acute and chronic complications of DM, Diseases of the peripheral veins The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website. | |
| Recommended literature: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Česka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Ďuriš I., Hulín I., Bernadič M. et al Princípy internej medicíny, 2001, vydavateľstvo SAP 2001 Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL.,Jameson JL. et al.: Harrison´s principles of Internal Medicine, 17th edition, 2008, The McGraw-Hill Companies, Inc. 2008 | |

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|--|-----|-----|-----|-----|-----|
| Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER, 2020 2. Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed, 2017 | | | | | |
| Course language: slovak language | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Jozef Pella, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Pavol Joppa, PhD., MUDr. Alojz Rajnič, PhD., doc. MUDr. Mária Rašiová, PhD., MUDr. Ivana Paraničová, PhD., MUDr. Barbora Bačkorová, MUDr. Martin Kučera, MUDr. Martin Tomáš, MUDr. Anna Ťurgeová, PhD., MUDr. Samuel Štellmach | | | | | |
| Date of last modification: 11.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: IK/IP-ZL5/25 | Course name: Internal Propedeutics |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present | |
| Number of ECTS credits: 2 | |
| Recommended semester/trimester of the course: 5. | |
| Course level: I.II. | |
| Prerequisites: UFZ/LF-ZL5-2/25 | |
| Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises | |
| Learning outcomes: Graduate acquires basic knowledges and skills needed in general medicine. Complete detailed history, physical examination of the patient and laboratory examination methods. Diagnosis and control the basic symptoms of individual diagnoses. | |
| Brief outline of the course: History taking. Main clinical features of internal diseases. Inspection. Head and neck investigation Percussion – chest /lungs, heart, abdomen. Auscultation of the heart and lungs. Palpation of the abdomen and chest .Blood pressure measurement. Pulse-quality of the pulse. Peripheral vessel investigation .The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website. | |
| Recommended literature: Lazúrová, Valočiková a kol. : Interná propedeutika, Vydavateľstvo OSVETA 2014 Hrušovský a kol. : Internistická propedeutika, HERBA 2012 Chrobák L., a kol.: Propedeutika vnitřního lékařství. Grada Avicenum 1997 Marek : Propedeutika internej medicíny Takáč M., a kol Propedeutika vnútorného lekárstva. Osveta, 1988 Mitro, P.: Základy elektrokardiografie, UPJŠ 2003 | |
| Course language: slovak | |
| Notes: | |

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|---|-------|-------|-------|-------|-------|-------|
| The subject Internal Medicine 1 is provided only in the winter term. | | | | | | |
| 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. MUDr. Marian Sninčák, PhD., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Peter Mitro, DrSc., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Ľubomír Legáth, PhD., doc. MUDr. Jozef Gonsorčík, CSc., MUDr. Marek Varga, PhD., doc. MUDr. Pavol Joppa, PhD., MUDr. Stanislav Juhás, CSc., MUDr. Zora Lazúrová, PhD., MUDr. Martin Kučera, MUDr. Jarmila Tomčová, MUDr. Mikuláš Huňavý, PhD., MUDr. Samuel Štellmach, MUDr. Jana Deptová, PhD., doc. MUDr. Slavomír Perečinský, PhD., MUDr. Kristína Polovková, MUDr. Samuel Šikra | | | | | | |
| Date of last modification: 11.11.2024 | | | | | | |
| Approved: 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-ZL5/25 | Course name: Management of Dental Practice |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 14s / 14s Course method: present | |
| Number of ECTS credits: 2 | |
| Recommended semester/trimester of the course: 9. | |
| 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. | |

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| 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: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Michal Orenčák, PhD. | | | | | | |
| Date of last modification: 18.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/MFCH-ZL5-1/25 | Course name: Maxillofacial Surgery 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: 4 | |
| Recommended semester/trimester of the course: 7. | |
| Course level: I.II. | |
| Prerequisites: SK/OCHaI-ZL5/25 | |
| 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. | |

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| 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: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Marián Kysel', PhD., MDDr. René Koudelka, MUDr. Lívia Sladká, PhD., MHA, MDDr. Martina Semanová, MUDr. Peter Badanič, MUDr. Vladimíra Schwartzová, PhD., MPH, MDDr. Zuzana Kotuličová, MDDr. Karolína Kamila Glińska, MDDr. Branislav Borza, PhD., MDDr. Adela Dzurilová, MDDr. Filip Lukáč, MUDr. Andrej Jenča, PhD., MBA | | | | | |
| Date of last modification: 18.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|--|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/MFCH-ZL5-2/25 | 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 / 128s Course method: present | |
| Number of ECTS credits: 6 | |
| Recommended semester/trimester of the course: 9. | |
| Course level: I.II. | |
| Prerequisites: SK/OCHaI-ZL5/25 | |
| 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: | |

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|--|-------|-------|-------|-------|-------|-------|
| 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: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Marián Kyseľ, PhD., Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Milan Bereš, PhD., MPH, MDDr. Marcel Riznič, PhD., MUDr. Stanislav Andrejko, PhD., MUDr. Andrej Jenča, PhD., MBA, MUDr. Livia Sladká, PhD., MHA, MUDr. Igor Kopsa, MDDr. Martina Semanová, MDDr. René Koudelka, MDDr. Tomáš Klabník, MUDr. Peter Badanič, MUDr. Peter Kizek, PhD., MHA, MPH, MDDr. Jozef Jendruch, MDDr. Adela Dzurilová, MDDr. Filip Lukáč, MDDr. Rastislav Bobuľa | | | | | | |
| Date of last modification: 18.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|--|--|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: ULCHBKB/LB-ZL5-1/25 | 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: 4. | |
| 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: 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 | |

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|--|-------|-------|-------|-------|-------|-------|
| Salway J. G.: Metabolism at a Glance, 2017 | | | | | | |
| Course language: slovak | | | | | | |
| 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. Marek Stupák, PhD., doc. Ing. Katarína Dubayová, PhD., prof. Ing. Mária Mareková, CSc., doc. Mgr. Peter Urban, PhD., doc. Ing. Beáta Hubková, PhD., RNDr. Ivana Špaková, PhD., RNDr. Jana Mašlanková, PhD. | | | | | | |
| Date of last modification: 27.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|--|--|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: ULCHBKB/LB-ZL5-2/25 | 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: 5 | |
| Recommended semester/trimester of the course: 3. | |
| Course level: I.II. | |
| Prerequisites: ULCHBKB/LB-ZL5-1/25 | |
| Conditions for course completion: lectures, seminars, practical exercises, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/ | |
| Learning outcomes: The graduate will understand the course of biochemical processes of physiological life processes as events taking place in individual organs and tissues of man. He can distinguish basic pathological processes from physiological processes, while he perceives biochemical processes in individual organs and tissues as a part of cellular metabolism. The graduate masters the laws of biochemical regulation of metabolism and learns the basics of clinical-biochemical diagnostics. | |
| Brief outline of the course: Metabolism of amino acids (e.g. ammonia formation and urea synthesis, biosynthesis of catecholamines). Metabolism of nucleotides. Intermediary metabolism relationships. Nucleic acids (e.g. replication, transcription, translation). Chemical communication in living systems (e.g. hormones). Biochemistry of blood. Pathobiochemical processes in cells. Metabolism of foreign compounds. Composition and chemistry of bones and teeth. Mineralization and demineralization of teeth. Metabolic specificity of teeth (e.g. dental plaque, calculus, caries). Saliva composition and its role. Biochemical processes in oral cavity. Introduction to clinical biochemistry. More details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/ | |
| Recommended literature: Mareková M.: Medical Biochemistry – Lectures for Dental Medicine students, 2021 https://portal.lf.upjs.sk/articles.php?aid=39 Mareková M. et al.: Seminars from medical biochemistry, 2013 Ferrier D.: Biochemistry, 7th edition (Lippincott Illustrated Reviews), 2017 Mašlanková J. et al.: Practical exercises from Medical Biochemistry for students of Dental Medicine https://portal.lf.upjs.sk/articles.php?aid=93 Rodwell V. et al.: Harper's Illustrated Biochemistry, 31st edition, 2018 Salway J.G.: Medical Biochemistry at a Glance (Wiley/Blackwell), 2012 | |

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|--|-----|-----|-----|-----|-----|
| Course language: slovak | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: prof. Ing. Mária Mareková, CSc., doc. Ing. Katarína Dubayová, PhD., doc. RNDr. Marek Stupák, PhD., doc. Mgr. Peter Urban, PhD., doc. Ing. Beáta Hubková, PhD., RNDr. Jana Mašlanková, PhD., doc. RNDr. Beáta Čižmárová, PhD., doc. MUDr. Anna Birková, PhD., doc. RNDr. Vladimíra Tomečková, PhD., univerzitná profesorka | | | | | |
| Date of last modification: 27.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|---|-------------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: ULBL/ LB-ZL5/25 | Course name: Medical Biology |
| 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: 2. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: For the successful completion of the subject, as "prerequisite for registration" in the follow-up subject Biology 2, it is necessary: 100% active participation in all practical lessons For successful completion of the subject, as "prerequisite for completion of the subject" Biology 2, it is necessary: obtaining at least 60% from each test | |
| Learning outcomes: To introduce the basic concepts of cell biology, including cell structure, macromolecules, genetics, molecular biology, development and cell communications. To give students a thorough grounding in the theoretical and practical foundations of basic genetics. Students have acquired an understanding of the major concepts in cell and molecular biology and have obtained basic information related to genetics and molecular biology methods in clinical practice. | |
| Brief outline of the course: Molecular Biology – common characteristics of biopolymers, the structure and function of saccharides and lipids, amino acids, polypeptides, proteins, primary, secondary, tertiary and quaternary structure of protein molecules, function of proteins. Nucleic acids, primary structure of DNA and RNA, their genetic function. Cell structure – prokaryotic and eukaryotic cells. Membrane cell organelles, their structure and function, plasmatic membrane, membrane receptors. General characteristic of biomembranes, molecular structure of biomembranes; movement of molecules through the membrane, active and passive transport, protein membrane channels, endocytosis, exocytosis. Replication of DNA. Structure of eukaryotic chromosome, human karyotype. Cell reproduction, cell cycle, control of cell cycle, mitosis. Meiosis, gametogenesis, spermatogenesis, oogenesis. Expression of genetic information, transcription, posttranscriptional processing of mRNA, translation, synthesis of proteins, posttranslation modifications, regulation of gene expression. Application of molecular biology methods in clinical genetics. The basic principles of Epigenetics. Cell differentiation, aging and death of the cells. | |
| Recommended literature: Slabá, E. a kol.: Lekárska biológia a genetika, ŠafárikPress, Košice 2023, 352 s. Slabá, E. a kol.: Biológia - Praktické cvičenia, ŠafárikPress, Košice 2020, 164 s. | |

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|---|-------|-------|-------|-------|-------|-------|
| Sršeň,Š., Sršňová,K.: Základy klinickej genetiky a jej molekulárna podstata, Osveta, Martin 2000, 446 s. | | | | | | |
| Course language: Slovak | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 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: prof. RNDr. Ján Šalagovič, PhD., RNDr. Helena Mičková, PhD., RNDr. Jozef Židzik, PhD., RNDr. Terézia Hudáková, PhD., doc. RNDr. Peter Solár, PhD., RNDr. Eva Slabá, PhD., Mgr. Pavol Harvanik, RNDr. Lucia Klimčáková, PhD., prof. RNDr. Janka Vašková, PhD. | | | | | | |
| Date of last modification: 08.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: ULBF/ LBF-ZL5/25 | Course name: Medical Biophysics |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present | |
| Number of ECTS credits: 5 | |
| Recommended semester/trimester of the course: 1. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: Continuous study achievement is evaluated by the small tests at the practical exercise, study control test from the lecture topics and accepted correct report on the measurement. Duty attendance minimum 50% at lectures. Even when not participating on the lectures, the student is expected to master the lecture topics at the final exam. The gain at least 60 % from continuous study achievements allows the student to register for the final examination. The final exam takes place in a written form by the full time. To complete the exam successfully it is necessary to gain at least 60% of points. | |
| Learning outcomes: Graduates acquire knowledge in the field of the physical laws and mechanisms nature that control the processes within the human body. At the same time students get the knowledge in the area of influence of physical factors on the environment as well as the health of the organism. | |
| Brief outline of the course: Subatomic, atomic and molecular composition in the oral cavity. Physical properties of tissues of the human body The interaction between the particles creating the human body The interaction of the living matter with non ionizing as well as ionizing electromagnetic radiation, used in both - the therapy and diagnostics The sources of the own and mediated biosignals Concrete manifestations of the biophysical mechanisms on the level of subcellular structures, the cells, the tissues and organs of the human body Physical principles of diagnostic and therapeutic methods used in dentistry. | |
| Recommended literature: Vojtech MORNSTEIN a kol., lekárska fyzika a biofyzika, muni Press, Brno 2018 L. Navrátil, J. Rosina a kol., Medicínska biofyzika, Grada Publishing, Praha, 2005 I. Hrazdira, V. Mornstein, Lekárska biofyzika a prístrojová technika, Neptun, Brno 2001 Praktické cvičenia z lekárskej biofyziky, M. Legiš, G. Laputková, L. Vojčíková, Ľ. Müller, J. Sabo, Košice, 2010 | |
| Course language: | |

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|---|-----|-----|-----|-----|-----|
| Notes: | | | | | |
| Course assessment | | | | | |
| Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: doc. RNDr. Ján Sabo, CSc., univerzitný profesor, RNDr. Imrich Géci, PhD., RNDr. Martin Menkyna, PhD., RNDr. Michaela Šuliková, PhD., RNDr. Soňa Tkáčiková, PhD., RNDr. Miroslav Marcin, PhD., RNDr. Galina Laputková, CSc. | | | | | |
| Date of last modification: 08.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: USL/ LEF-ZL5/25 | Course name: Medical Ethics and Philosophy |
| 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: 1. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: Attendance on lectures and seminars to the specified extent, successful completion of a credit test and oral exam. | |
| Learning outcomes: The student acquires knowledge of ethical dimension and requirements of health care profession, and learns how to recognize principles of medical ethics in solving complicated ethical issues arising during the provision of health care, and specifically in the dental practice. | |
| Brief outline of the course: Ethics and morality. Bioethics and Medical Ethics. Landmark events in the evolution of bioethics. Global ethics and bioethics. Goals and ethical aspects of health care. Medical ethics. The basic principles of medical ethics. Ethical dilemma. The ethics of medical education. UPJŠ in Košice Code of Student Conduct. Hippocratic Oath. Physician's Pledge. Character requirements for medical profession. WMA International Code of Medical Ethics. Ethical Code for Health Care Providers in Slovakia. Important international conventions and declarations relevant to the health care professions. Patients' rights. Slovak Medical Chamber and Health Care Surveillance Authority in Slovakia. Human dignity in health care. Doctor – patient relationship. Informed consent/refusal – ethical and legal issues. Previously expressed wish of the patient. Communication in medical care. Guide to medical interview. Approach to specific patient groups. Burnout syndrome in medical profession. Ethical and legal issues in pediatrics. The rights of hospitalized children. Elderly patient. Risks in the hospital by elderly patients. Terminal illness. Ethical aspects of resuscitation and intensive care. Futile treatment. Dying patient – ethical and legal issues. Ethical issues in thanatology. Euthanasia and dysthanasia. Assisted suicide. Ethical aspects of organ and tissue transplantation. Living and dead donors. Ethical status of the dead human body. Ethics of autopsy and exhumation. Ethical aspects of examination in forensic medicine and pathology. Reproductive medicine and responsible parenthood. Methods used to achieve or prevent pregnancy. Surrogacy. Ethical issues of abortions. Surrogacy. Ethical and legal issues in dental medicine. Ethical issues in selected medical divisions [neonatal and fetal medicine, gynecology and obstetrics, surgery, nephrology, psychiatry, prehospital emergency care]. Ethics of expert activities in medicine. Ethics in biomedical research. Ethical and legal regulations regarding biomedical research involving human subjects. Ethical issues in animal experimentation. Ethics Committees. Publication ethics. | |

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

Recommended literature:

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

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

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

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

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

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

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

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

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

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 0

| A | B | C | D | E | FX |
|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Date of last modification: 08.11.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

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|---|-------|--|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: UFZ/ LF-ZL5-1/25 | | Course name: Medical Physiology 1 | | | | |
| 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: 4 | | | | | | |
| 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: 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: prof. MUDr. Viliam Donič, CSc., prof. MUDr. Mária Pallayová, PhD., prof. RNDr. Pavol Švorc, CSc., MUDr. Ivana Bačová, PhD., doc. MVDr. Agnesa Lukačinová, PhD., doc. RNDr. Soňa Grešová, PhD., RNDr. Judita Štimmelová, PhD., MUDr. Andrea Brandeburová, PhD., Mgr. Pavol Švorc, PhD., Mgr. Diana Tokárová, PhD., MUDr. Igor Peregrim, PhD., Mgr. Viktória Kapsdorferová | | | | | | |
| Date of last modification: 08.11.2024 | | | | | | |

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

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|---|-----|--|-----|-----|-----|
| University: P. J. Šafárik University in Košice | | | | | |
| Faculty: Faculty of Medicine | | | | | |
| Course ID: UFZ/ LF-ZL5-2/25 | | Course name: Medical Physiology 2 | | | |
| 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: 6 | | | | | |
| Recommended semester/trimester of the course: 4. | | | | | |
| Course level: I.II. | | | | | |
| Prerequisites: UFZ/LF-ZL5-1/25 | | | | | |
| Conditions for course completion: lectures, practical exercises, seminars, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-physiology/teaching/subjects/doctoral-studies/ | | | | | |
| Learning outcomes: The graduate acquires new knowledge about the dynamics of regulatory mechanisms in healthy and sick people, which he compares and processes. He will learn to diagnose and apply appropriate treatment. | | | | | |
| Brief outline of the course: Physiological principles. Homeostasis. Blood. Respiratory system. Cardiovascular system. Excretory system. Digestive system. Thermoregulation | | | | | |
| Recommended literature: Guyton and Hall Textbook of Medical Physiology 14th Edition Ganong's Review of Medical Physiology, Twenty sixth Edition 26th Edition (25th, 24th) Linda S. Costanzo Physiology 6th Edition, (5th, 4th) Pallayova M. et al.: Textbook of Practical Physiology Part I Kujanik Š. et al.: Textbook of Practical Physiology Part II | | | | | |
| Course language: English | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: prof. MUDr. Viliam Donič, CSc., prof. MUDr. Mária Pallayová, PhD., prof. RNDr. Pavol Švorc, CSc., MUDr. Ivana Bačová, PhD., doc. MVDr. Agnesa Lukačínová, PhD., doc. RNDr. Soňa Grešová, PhD., RNDr. Judita Štimmelová, PhD., MUDr. Andrea Brandeburová, PhD., MUDr. Martina Gáborová, PhD., Mgr. Diana Tokárová, PhD., MUDr. Igor Peregrim, PhD., | | | | | |

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| RNDr. Martin Bona, PhD., MVDr. Barbora Dzugasová, PhD., Stanislav Marusyn, Mgr. Viktória Kapsdorferová |
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| Date of last modification: 08.11.2024 |
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| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. |
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COURSE INFORMATION LETTER

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

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: USBM/ MBV-ZL5/25 | Course name: Methodology of Biomedical Research |
| 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: 4. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: Individual work, course assignment during the semester, presentation of the assignment results before the end of the semester, compulsory participation at practices, final test. | |
| Learning outcomes: To provide students with basic information on the methodology of biomedical research: concepts, methods and research plans. To teach students to acquire, process and present scientific knowledge. Work with databases, scientific literature. Forms of presentation and scientific communication of research results: scientific article, oral presentation, poster. | |
| Brief outline of the course: The objectives of science. Ethical aspects of scientific research. The main stages and the basic steps of the research process. Selection and definition of research problems. Defining the concept of variable (categorization and types of variables). Internal and external validity of the experiment. Hypotheses (typology, characteristics, formulating and testing hypotheses). Research designs: experimental, quasi-experimental, non-experimental designs. Sampling (representative / non-representative, probability / non-probability). Overview of the basic research data collection methods: observation, interview, self-reports, biophysiologic measures. The criteria for selection and evaluation of measurement tools (validity, reliability). Communication in the research process (scientific article, oral presentation, poster). Critical evaluation of research reports (reviews, opinions). | |
| Recommended literature: 1. Ferjenčík J. Úvod do metodologie psychologického výzkumu. Portál, Praha 2000 2. Kerlinger F. Základy výskumu chování. Akademie, Praha 1972 3. Maršálová a kol. Metodológia a metódy psychologického výskumu. SPN, Bratislava 1990 4. Rajničová-Nagyová I. Vedecké písanie a publikovanie: Ako napísať vedecký článok, Kritické hodnotenie výskumu. In: Repková K. a kol. Vedecká komunikácia a komunikácia vedy. Inštitút pre výskum práce a rodiny, Bratislava 2008 | |
| Course language: slovak language | |
| Notes: | |

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|--|-------|-------|-------|-------|-------|-------|
| 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: Mgr. Iveta Rajničová Nagyová, PhD., FABMR | | | | | | |
| Date of last modification: 17.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|--|-------|------------------------------------|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: ULM/ M-ZL5-1/25 | | 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: 4 | | | | | | |
| Recommended semester/trimester of the course: 4. | | | | | | |
| Course level: I.II. | | | | | | |
| Prerequisites: | | | | | | |
| Conditions for course completion: completion of practical exercises tests getting credits | | | | | | |
| Learning outcomes: Overview of fundamental characteristics of microorganisms in relation to infections in dentistry. Laboratory diagnosis, therapy and prevention of infectious diseases. | | | | | | |
| Brief outline of the course: Classification and basic characteristics of microorganisms with special regard to oral bacteria. Growth and cultivation. Pathogenicity of cariogenic bacteria. Immunity against microbes. Antimicrobial Agents. Immunisation. Laboratory diagnosis of infectious diseases. Normal flora. Staphylococci. Streptococci. Pneumococci. Enterococci. Neisseria. | | | | | | |
| Recommended literature: Murray, P.R.: Medical Microbiology. | | | | | | |
| Course language: | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., RNDr. Marián Sabol, CSc., MVDr. Vladimír Hrabovský, PhD., Mgr. Mária Nagyová, MUDr. Marián Marcin, doc. RNDr. Katarína Čurová, PhD., Mgr. Radka Slobodníková, PhD., Ing. Viera Lovayová, PhD. | | | | | | |
| Date of last modification: 08.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|-----|------------------------------------|-----|-----|-----|
| University: P. J. Šafárik University in Košice | | | | | |
| Faculty: Faculty of Medicine | | | | | |
| Course ID: ULM/ M-ZL5-2/25 | | 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-ZL5-1/25 | | | | | |
| Conditions for course completion: test examination | | | | | |
| Learning outcomes: Knowledge of general and specific characteristics of microorganisms in relation to dental infections, laboratory diagnosis, therapy and prophylaxis | | | | | |
| Brief outline of the course: Selected genera of grampositive and gramnegative cocci and rods. Anaerobic bacteria. Selected yeasts, molds and parasites. DNA and RNA viruses. Selected causative agents of respiratory, gastrointestinal, genitourinary, and cardiovascular and central nervous system, nosocomial infections and infections of soft tissue and bones. Microbiology of caries, dental plaque and extraoral infection. | | | | | |
| Recommended literature: Murray, P.R.: Medical Microbiology. | | | | | |
| Course language: | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., RNDr. Marián Sabol, CSc., MVDr. Vladimír Hrabovský, PhD., Mgr. Mária Nagyová, MUDr. Marián Marcin, doc. RNDr. Katarína Čurová, PhD., Ing. Viera Lovayová, PhD., Mgr. Radka Slobodníková, PhD., Mgr. Annamária Toporová, PhD. | | | | | |
| Date of last modification: 08.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ MED-ZL5/25 | Course name: Microscopic Endodontics |
| 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: <ul style="list-style-type: none"> · Attendance of 100% of practical sessions. · Submission of a case report on microscopic endodontics. · Final written test (minimum 70% correct answers). · Practical examination: Demonstration of the ability to operate an endodontic microscope. | |
| Learning outcomes: <ol style="list-style-type: none"> 1. Define the principles and advantages of microscopic endodontics. 2. Apply microscopic technology to the diagnosis and treatment of root canals. 3. Demonstrate the correct procedure for the treatment of complicated endodontic cases. 4. Analyze and resolve complications arising from endodontic treatment. 5. Demonstrate the ability to work in a sterile environment and adhere to the principles of asepsis. | |
| Brief outline of the course: <ol style="list-style-type: none"> 1. Introduction to microscopic endodontics – history and technological advancements. 2. Indications and contraindications for the use of an endodontic microscope. 3. Working with the microscope – ergonomics and setup of the operating environment. 4. Diagnosis and localization of hidden root canals. 5. Removal of broken instruments and management of complications. 6. Modern materials and techniques in root canal treatments. 7. Presentation of case studies and group discussions. | |
| Recommended literature: Povinná literatúra: <ol style="list-style-type: none"> 1. Carr, G. B., & Murgel, C. A. (2010). "Microscope Enhanced Endodontics." Dental Clinics of North America. 2. Torabinejad, M., & Walton, R. (2015). "Endodontics: Principles and Practice." 5th Edition. Elsevier. Odporúčaná literatúra: 1. Kim, S., & Kratchman, S. (2006). "Modern Endodontics: Advanced Instrumentation and Techniques." Quintessence Publishing. <ol style="list-style-type: none"> 2. Patel, S., & Dawood, A. (2017). "Cone Beam Computed Tomography in Endodontics." Wiley-Blackwell. 3. European Society of Endodontology (ESE) guidelines. | |

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|--|-------|-------|-------|-------|-------|-------|
| Course language: slovak | | | | | | |
| 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: MDDr. Andrea Sinčák Konečná, PhD. | | | | | | |
| Date of last modification: 05.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|-------|---|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: SK/ MPV-ZL5/25 | | Course name: Minimum Practical Performance | | | | |
| Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present | | | | | | |
| Number of ECTS credits: 3 | | | | | | |
| Recommended semester/trimester of the course: 9., 10.. | | | | | | |
| Course level: I.II. | | | | | | |
| Prerequisites: | | | | | | |
| Conditions for course completion: Detailed conditions for completing the course and conditions for attending the state exams are updated annually on the AiS2 electronic bulletin board and on the website of the Department of Stomatology and Maxillofacial Surgery, UPJŠ LF Košice, the 1st Department of Stomatology, UPJŠ LF Košice, and the Department of Stomatology and Maxillofacial Surgery, Academia Košice. | | | | | | |
| Learning outcomes: The student summarizes the prescribed number of procedures, demonstrates their results and justifies the selected diagnostic therapeutic procedures. He/she proves that he/she has completed the prescribed number of practical procedures, which is duly recorded in the logbook. | | | | | | |
| Brief outline of the course: The possibility of taking the state exam in the subjects of therapeutic dentistry, orthopedic dentistry, oral and maxillofacial surgery is conditional on completing a minimum number of diagnostic and therapeutic procedures. These must be properly recorded in the logbook and medical documentation of the department. | | | | | | |
| Recommended literature: Dental student's logbook at the UPJŠ Faculty of Medicine in Košice | | | | | | |
| Course language: slovak | | | | | | |
| 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: 16.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|-------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: NLK/ NL-ZL5/25 | 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: | |
| Conditions for course completion: 1. 100 % active participation in practical exercises, in the case of absence, may substitute up to 3 exercises per semester 2. Successful completion of the test, evaluation A – E (possibility to repeat the test 2 times). 3. The condition for passing Neurology is successful completion of oral exam in regular term or 1st or 2nd repeat exam. | |
| Learning outcomes: The graduate will become familiar with neurological diseases, learn to take an anamnesis and establish a basic diagnosis of the disease. The graduate will learn to assess the relationship of these diseases with diseases of the orofacial area. The graduate is familiar with auxiliary investigative methods such as X-ray, CT, USG, MRI. | |
| Brief outline of the course: Neurology - general considerations. History taking. Cranial nerves. General informations about upper and lower motor neuron, sensitivity, cerebellar syndromes. Disorders of stance and gait.. Extrapyramidal syndromes – hypertonic-hypokinetic, hypotonic-hyperkinetic. Language and higher cortical function. Physiological and anatomical considerations. Language disorders, brain lobes pathology. Meningeal syndrom. Cerebrospinal fluid. Intracranial hypertension, brain herniations. X-ray, EEG, Ultrasound of cerebral arteries, EMG, Evoked potentials, AG, CT, MRI. Headache. Classification, migraine, tension headache, cluster headache, other and secondary headaches. Diagnosis, differential diagnosis, therapy. Cervikocranial syndrome. Epilepsy and seizures. Classification, generalized and partial seizures. Diagnostic, therapy. Febrile convulsions. Ischemic stroke. Risk factors, clinical feature, diagnosis, therapy. Brain haemorrhage, subarachnoid haemorrhage. Risk factors, clinical feature, diagnosis, therapy. Brain tumors. Classification, clinical feature, general and focal signs, diagnostic, therapy. Brain MTS. Headache. Classification, migraine, tension headache, cluster headache, other and secondary headaches. Diagnosis, differential diagnosis, therapy. Cervikocranial syndrome. Demyelinating disorders - multiple sclerosis. Degenerative disorders (Alzheimer disease, Parkinson disease) - relations with stomatological diseases. Infectious disorders of the nervous system –menin gitis, encephalitis. Neurosyphilis. Lyme disease. AIDS. Brain abscess. Polyradiculoneuritis Guillain-Barre. Myasthenia gravis. Metabolic disorders. Complications of diabetes mellitus, anemia, alcoholism, side effects of | |

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| neurological therapy in oral cavity. | | | | | |
| Recommended literature: Gdovinová Z.: Základy neurologického vyšetrenia pre študentov všeobecného lekárstva. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2010. 136s. ISBN 978-80-7097-801-6 (brož.). Szilasiová J.: Vybrané kapitoly zo špeciálnej neurológie pre študentov zubného lekárstva. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2011. 234 s. ISBN 978-80-7097-869-6 (brož.). Gdovinová Z., Szilasiová J. Handbook of general neurology for dentistry / Zuzana Gdovinová, Jarmila Szilasiová. - vyd. - Košice : Aprilla Ltd. for Hanzlúvka Books, 2009. - 139 s. - recenzované.. - ISBN 9788089346189. Complementary literature: Gdovinová Z., Szilasiová J., Feketeová E., Tormašiová M., Škorvánek M., Leško N, Paveleková P. Vybrané kapitoly zo špeciálnej neurológie. 2. Vydanie. UPJŠ v Košiciach, Equilibria, 2021. ISBN 978-80-574-0017-2 Ružička E., Šonka K., Marusič P., Rusina R a kol. Neurologie, Triton, Praha, 2019, ISBN 978-80-7553-681-5. | | | | | |
| Course language: slovak language | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: 11.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: UO/ ZZS-ZL5/25 | Course name: Nursing Care |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present | |
| Number of ECTS credits: 2 | |
| Recommended semester/trimester of the course: 4. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: Successful completion of continuous study reviews and final graded assessment. Detailed conditions for completing the course are annually updated on the electronic bulletin board AiS2 and on the website of the Institute of Nursing. Link to the Conditions for completing the course on the website of the Institute of Nursing https://www.upjs.sk/public/media/8671/absol_ZZS_ZL.pdf | |
| Learning outcomes: Main aim of nursing care is introduce to the student general knowledge about nursing care and help them to gain skills of nursing clinical procedure which they will use in there medical practice in hospital. Student will be able to understand the main principals of the health care system, infection control, health and safety, nutrition of the patient... He/she will know different types of binders and bandages an will be able to provide them in practice. | |
| Brief outline of the course: Introduction to nursing care. Health care system in Slovakia.Ward unit. Admission, transfer and discharges of patients.Fundamentals of nutritional support.Disinfection, methods and types of disinfection. Sterilisation - methods of sterilisation. Infection Control – Infection process. Hospital acquired infection – Nosocomial infection. Applying binders and bandages. Types of bandages, division of bandages according to purpose.Vital signs.Medications.Types of medications, types of syringes and needles.Parenteral Medications.Injection techniques. Intravenous Infusion. Transfusion. Current legislative standards related to the profession. | |
| Recommended literature: Basic study literature: DIMUNOVÁ, L., RAKOVÁ, J., ŠTEFKOVÁ, G.Vybrané kapitoly zo základov zdravotnej starostlivosti. Vysokoškolská učebnica UPJŠ LF, 2017. TIRPÁKOVÁ, L., SOVÁRIOVÁ SOÓSOVÁ, M. a kol.Ošetrovateľské techniky. Košice: LF UPJŠ, 2016. http://unibook.upjs.sk/image/data/osetrovatelske-techniky-final.pdf Further study literature: RAKOVÁ, J. a kol.Dietológia a liečebná výživa II. Košice:UPJŠ, 2019. https://unibook.upjs.sk/img/cms/2019/LF/dietologia-a-liecebna-vyziva-2.pdf | |
| Course language: | |

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|---|-------|-------|-------|-------|-------|-------|
| 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. MUDr. Miroslav Gajdoš, CSc., MPH, PhDr. Silvia Danková, PhD., MPH | | | | | | |
| Date of last modification: 08.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|-------|-----------------------------------|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: OK/OL-ZL5/25 | | Course name: Ophthalmology | | | | |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present | | | | | | |
| Number of ECTS credits: 2 | | | | | | |
| Recommended semester/trimester of the course: 8. | | | | | | |
| Course level: I.II. | | | | | | |
| Prerequisites: ChK/CH-ZL5-1/25 | | | | | | |
| Conditions for course completion: Test Oral exam | | | | | | |
| Learning outcomes: Basic knowledge of Ophthalmology, especially most common causes leading to blindness, acute diseases and general and dental medicine aspects of Ophthalmology | | | | | | |
| Brief outline of the course: Loss of vision, Ocular pain and discomfort, Abnormal appearance, Abnormal eye movement, double vision and squint, Traumatology of the eye, The eye systemic disease, Pharmacology of the eye | | | | | | |
| Recommended literature: Oláh, Z. a kol. : Očné lekárstvo, Osveta, 1996, Gerinec, A.: Detská oftalmológia, Osveta, 2005 | | | | | | |
| Course language: slovak language | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Marek Horňák, MPH, MUDr. Miriama Skirková, PhD., MUDr. Monika Moravská, MUDr. Paulína Hribová, MUDr. Jozef Szilasi, MUDr. Simona Knížová | | | | | | |
| Date of last modification: 11.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ OM-ZL5/25 | Course name: Oral Medicine |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 10s / 66s Course method: present | |
| Number of ECTS credits: 5 | |
| Recommended semester/trimester of the course: 9. | |
| Course level: I.II. | |
| Prerequisites: SK/PA-ZL5-2/25 | |
| 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: 0

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

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

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| Date of last modification: 18.11.2024 |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. |

COURSE INFORMATION LETTER

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|---|------------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: UP/ OPA-ZL5/25 | Course name: Oral Pathology |
| 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: 6. | |
| Course level: I.II. | |
| Prerequisites: UP/PA-ZL5/25 | |
| Conditions for course completion: EN successful completion of the prerequisites (Pathological Anatomy 1), practical lessons, one written revision test, practical part – colloquium and final oral examination | |
| Learning outcomes: EN Acquiring thorough knowledge in the areas of special and orofacial pathology, mastering the histomorphological diagnosis of selected diagnoses and getting familiar with the macroscopic diagnosis of necropsy. | |
| Brief outline of the course: Patológia hemopoetického aparátu, patológia tráviacieho traktu, zubný kaz, pulpitída, apikálna periodontitída, rezorpcia a hypercementóza, patológia pečene, žľáz a pankreasu, chronické poškodenia zubov nesúvisiace so zubným kazom, uropatológia, gingivitída a periodontitída, patológia ovárií a maternice, cysty čeľustí a mäkkých orofaciálnych tkanív, patológia gravidity, šestonedelia a mliečnej žľazy, odontogénne nádory a nádorom podobné zmeny v čeľustiach, patológia endokrinných žliaz, neodontogénne nádory čeľustí a rakovina v ústnej dutine, genetické, nemetabolické a iné nenádorové poruchy kostí, patológia pohybového aparátu, ochorenia temporomandibulárneho zhybu, patológia CNS, ochorenia slinných žliaz, dermatopatológia, ochorenia sliznice úst: stomatitídy, patológia novorodenca, ochorenia dutiny ústnej u novorodencov a detí, benígne chronické škvrny na ústnej sliznici | |
| Recommended literature: EN Mohan, H.: Textbook of Pathology, 6th ed., Jaypee Brothers, 2013, 933 p. Blichárová, A. et al.: Pathology part 2 (summer semester) – practical lessons for students of dental medicine, UPJŠ Košice, 2022, 56 p. Lectures | |
| Course language: EN – Slovak language | |
| Notes: | |

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| Course assessment | | | | | |
| Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Alžbeta Blichárová, PhD., MUDr. Adam Nedoroščík, MUDr. Ján Gajdoš, MUDr. Erika Štammová | | | | | |
| Date of last modification: 11.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ OCHaI-ZL5/25 | Course name: Oral Surgery and Implantology |
| 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: 6. | |
| Course level: I.II. | |
| Prerequisites: UA/A-ZL5-2/25 and SK/ZOCH-ZL5/25 | |
| Conditions for course completion: Completion of seminars and practical courses Detailed conditions for completing the course are updated annually on the AiS2 electronic bulletin board and on the website of the Department of Stomatology and Maxillofacial Surgery, UPJŠ LF Košice, the 1st Department of Stomatology, UPJŠ LF Košice, and the Department of Stomatology and Maxillofacial Surgery, Academia Košice. | |
| Learning outcomes: The student demonstrates knowledge acquired in the field of oral surgery and implantology, acquired in lower levels of study. He/she educates and expands knowledge in specialized topics of the field. By solving specific topics and clinical cases, he/she learns the correct diagnostic and therapeutic procedures not only in the field itself, but also within the framework of interdisciplinary cooperation. | |
| Brief outline of the course: Indications and contraindications for tooth extractions, complications of tooth extractions and their solution. Indications and contraindications for dental implantology, methods and techniques for inserting dental implants, Interdisciplinary cooperation within the fields of dentistry. Introduction to the issue of peri-maxillary inflammations. Diagnosis and treatment of cystic lesions in the orofacial region. Pre-prosthetic surgery. Third molar surgery. | |
| Recommended literature: Bonanthaya K. et al.: Oral and Maxillofacial Surgery for Clinician. Singapore: Springer, 2021. 1965 p. ISBN: 978-981-15-1345-9 Hirjak D. a kol.: Tretie moláre. Bratislava: Slovensk s.r.o., 2016, 127 s. ISBN 978-80-971444-4-9 Šimúnek A. a kol.: Dentální implantologie. Hradec Králové: Nucleus HK., 2020, 495 s., ISBN: 9788090679405 Miloro M. et al.: Peterson's Principles of Oral nad Maxillofacial Surgery. Springer Nature Switzerland, 2022, 2328 p., ISBN: 3030919196 Siervo S.: Suturing Techniques in Oral Surgery. Quintessence, 2008, 233 p., ISBN: 978-88-7942-120- | |

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|--|-------|-------|-------|-------|-------|-------|
| Course language: slovak | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH | | | | | | |
| Date of last modification: 12.12.2024 | | | | | | |
| Approved: 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/OMFCH-SS-ZL5/25 | | Course name: Oral and 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: 5 | | | | | |
| Recommended semester/trimester of the course: 9., 10.. | | | | | |
| Course level: I.II. | | | | | |
| Prerequisites: SK/MFCH-ZL5-2/25 | | | | | |
| 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: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: | | | | | |
| Date of last modification: 27.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|---|-------|------------------------------------|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: SK/ OrD-ZL5-1/25 | | Course name: Orthodontics 1 | | | | |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present | | | | | | |
| Number of ECTS credits: 2 | | | | | | |
| Recommended semester/trimester of the course: 8. | | | | | | |
| Course level: I.II. | | | | | | |
| Prerequisites: SK/PKZL-ZL5-2/25 | | | | | | |
| Conditions for course completion: 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. | | | | | | |
| Learning outcomes: | | | | | | |
| Brief outline of the course: Ontogenetic development of the orofacial system. Eruption and eruption. Diagnostic examination in orthodontics. Documentation. Classification systems in the diagnosis of anomalies. Causes of jaw-orthopedic anomalies. Treatment options for anomalies. Basics of cephalometric image analysis. Determination of skeletal age. General principles of extraction therapy in orthodontics. | | | | | | |
| Recommended literature: Graber, M.: Orthodontics, 2005, ISBN-10:0323026214 Ortodontie CZ Milan Kamínek · Vydavatel'stvo: Galén, 2014 Professional, scientific and domestic foreign magazines and books. | | | | | | |
| Course language: slovak | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Janka Jenčová, PhD. | | | | | | |
| Date of last modification: 20.11.2024 | | | | | | |

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

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|--|------------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ OrD-ZL5-2/25 | Course name: Orthodontics 2 |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 10s / 75s Course method: present | |
| Number of ECTS credits: 5 | |
| Recommended semester/trimester of the course: 9. | |
| Course level: I.II. | |
| Prerequisites: SK/OrD-ZL5-1/25 | |
| 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: slovak | |
| Notes: | |

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|---|-------|-------|-------|-------|-------|-------|
| 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: MDDr. Eleonóra Ivančová, PhD., MHA | | | | | | |
| Date of last modification: 05.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|--|-----|---|-----|-----|-----|
| University: P. J. Šafárik University in Košice | | | | | |
| Faculty: Faculty of Medicine | | | | | |
| Course ID: KORLaF/ORL-ZL5/25 | | Course name: Otorhinolaryngology | | | |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present | | | | | |
| Number of ECTS credits: 2 | | | | | |
| Recommended semester/trimester of the course: 8. | | | | | |
| Course level: I.II. | | | | | |
| Prerequisites: ChK/CH-ZL5-1/25 | | | | | |
| Conditions for course completion: Test Exam | | | | | |
| Learning outcomes: Diagnosis and treatment of the most common diseases in ENT. Examination procedure and differential diagnosis of life-threatening conditions. Get information on the full range of ENT examinations and performances, even in border industries. | | | | | |
| Brief outline of the course: Nose and paranasal sinuses traumatology, inflammations, complications, Laryngeal and tracheal stenosis inflammation of lymphoid pharyngeal tissue, Tumours of the nose, paranasal sinuses, pharynx and larynx, Acoustic neurinoma, Tumours of the ear, External ear diseases, Acute otitis media and its complications, Chronic otitis media, Otogenic intracranial complication, Otosclerosis. | | | | | |
| Recommended literature: Šuster : Otorhinolaryngológia Profant M., : Otorhinolaryngológia Koval' J., : Nervus facialis | | | | | |
| Course language: slovak language | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: prof. MUDr. Juraj Koval', CSc., MPH, MUDr. Tímea Košťálová, MUDr. Martin Šuchaň, PhD. | | | | | |
| Date of last modification: 11.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|--|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ DZL-ZL5-1/25 | Course name: Paediatrics Dentistry 1 |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present | |
| Number of ECTS credits: 3 | |
| Recommended semester/trimester of the course: 8. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: Completion of 100% participation in practical exercises and lectures Continuous review with a record of assessment during clinical teaching Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%. The interim assessment for each subject will be registered in AIS. During the practical exercises, the student is evaluated by the teacher, each continuous evaluation is recorded in the AIS. The evaluation of the final test for the lectures will be recorded in AIS. The minimum threshold for meeting the conditions for passing the test for lectures is 60%. The minimum threshold to meet the conditions for passing the subject is 60%. List of performances during clinical practice: Comprehensive examination of a child patient of preschool age and treatment plan 10 Comprehensive examination of a school-age patient and treatment plan 10 Comprehensive examination and treatment plan for an adolescent patient (15-18 years old) 10 Determination of bone age on an orthopantomogram 10 Sealing tooth fissures 5 Preventive fillings 5 Filling of primary teeth: 5 Filling of permanent teeth: 7 Indirect capping of the dental pulp: 4 Extractions of primary teeth: 4 Extractions of permanent teeth: 3 Mortal treatment of dental pulp: 2 Root canal treatment of primary teeth: 3 Local anesthesia: 5 Mandibular anesthesia: 3 | |
| Learning outcomes: The graduate meets a child patient in the outpatient clinic, with whom he learns to communicate, learns to diagnose and treat tooth decay in deciduous and permanent dentition, and learns to fill out patient documentation. Participates in psychoprophylaxis and psychotherapy of child patients | |

Brief outline of the course:

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

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

Recommended literature:

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

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

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

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

Professional, scientific and domestic foreign magazines and books.

Course language:

english

Notes:**Course assessment**

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

Date of last modification: 20.11.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

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|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ DZL-ZL5-2/25 | Course name: Paediatrics Dentistry 2 |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 0s / 75s Course method: present | |
| Number of ECTS credits: 5 | |
| Recommended semester/trimester of the course: 9. | |
| Course level: I.II. | |
| Prerequisites: SK/DZL-ZL5-1/25 | |
| 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 Ginzelová · Dětské zubní lékařství CZ, Vydavatel'stvo: Kristina Ginzelová, 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:

slovak

Notes:

Course assessment

Total number of assessed students: 0

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

Provides: MUDr. Jana Kaiferová, PhD.

Date of last modification: 05.12.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

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|--|--|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: KDaD/ PEVL-ZL5/25 | Course name: Paediatrics and General 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: 7. | |
| Course level: I.II. | |
| Prerequisites: IK/IP-ZL5/25 | |
| Conditions for course completion: 1. Attendance confirmed by assistant's signature in the record book of the student - it is obligatory to compensate more than one legitimate absence - (in case of 2 absent practical lessons their compensation in the corresponding form shall be determined by the teaching assistant, in case of more than 3 absences the Head of the department shall decide how to compensate) 2. Active participation on practical lessons – estimated by the teaching assistant 3. Practical exam – evaluation of the physical examination of the patient in written form, + final exam (written form - ROGO system) 4. Credits from the subject are going to be administered on the basis of fulfillment of criterias 1-3 during credit week | |
| Learning outcomes: Students should acquire teoretical and practical skills which are necessary for child's examination. Education is focused on pathological conditions related to dental diseases. Students also should learn the principles of paediatric propedeutics and to evaluate pathological conditions in childhood. | |
| Brief outline of the course: - The age stages of child development - The peculiarities of anamnesis and a physical examination of a child - The nutrition and the assessment of nutritional status and hydration - Arterial hypertension and infectious endocarditis - The inflammation of the upper and lower respiratory tracts - A malabsorption syndrome - The disorders of the immune system and vaccination - Anemia and the blood clotting disorders - Type I diabetes mellitus and the disorders of calcium-phosphate metabolism - A nephrotic syndrome and pyelonephritis - Acute conditions in Paediatrics | |
| Recommended literature: Kovács, L. a kol: Pediatria, ARETA, 2010 Vargová, V. a kol: Vybrané kapitoly z pediatrie, UPJŠ Košice, 2012 | |

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|---|-----|-----|-----|-----|-----|
| Bláhová, K. a kol: Preklinická pediatrie, Galén, 2019 Lebl, J. a kol: Klinická pediatrie, Galén, 2014 | | | | | |
| Course language: Slovak language | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Juliana Ferenczová, PhD., doc. MUDr. Milan Kuchta, CSc., doc. MUDr. Veronika Vargová, PhD., MUDr. Miroslava Petrášová, PhD., MUDr. Marianna Fajdelová, MUDr. Simona Drobnáková, MUDr. Veronika Kučeravá, PhD., MUDr. Kristína Kubejová, PhD., doc. MUDr. Gabriel Kol'vek, PhD., MUDr. Gabriela Kiss, MUDr. Nicolas Kardos, MUDr. Nina Kalinová | | | | | |
| Date of last modification: 11.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|--|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: UPF/ PF-ZL5-1/25 | Course name: Pathological Physiology 1 |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present | |
| Number of ECTS credits: 3 | |
| Recommended semester/trimester of the course: 5. | |
| Course level: I.II. | |
| Prerequisites: UFZ/LF-ZL5-2/25 | |
| Conditions for course completion: Prerequisite for registration: succesful completion of practical lessons from Pathological physiology I Prerequisite for completion: 2 credit tests, evaluation of knowledge and outputs in practival lessons (oral & written quizzes, presentations, 3 protocols, semestral work), 50% attendance in lectures, final exam | |
| Learning outcomes: The graduate acquires knowledge of the basic concepts of pathological physiology, health, disease and risk factors. Acquires knowledge in the field of physical, chemical, radiation causes of diseases, metabolic disorders, nutritional disorders, but also the role of immune factors and the immune system and its relationship to oral health. | |
| Brief outline of the course: 1.Health and disease, pathological states and processes, outcomes of diseases, symptopmatology and syndromology 2.Etiology of the systemic diseases: genetic factors (genomic, chromosomal mutations & non-Mendelian inheritance), physical damage (burning injury, hypo-/hyperthermia), chemical and biological damage 3. Etiology of the dentition and oral cavity disorders – thermal, mechanical and chemical damage, oral microbial milieu 4.Nutritional factors (malnutrition, obesity), metabolic disorders, Nutrition and dentition – avitaminoses, caries Calcium and phosphate deficiencies, Trace elements, Disorders of water, electrolytes and acid-base balance 5.Acute and chronic inflammation, fever, multiple organ dysfunction, systemic stress- maladaptation, hypoxic- ischaemic damage, Allergies, autoimmunity and immunodeficiency manifestations in oral cavity - Carcinogenesis, systemic manifestation, diagnostics, common tumors in the oral cavity 6.Disorders of consciousness, pre-coma, coma, brain death, terminal states & illness | |
| Recommended literature: Beňačka R. Všeobecná patofyziológia: mechanizmy vzniku chorôb. ŠafárikPress, 2021.Košice,484 s. Rácz O. a kol.: Základy patologickej fyziológie. Aprilla s. r. o., Košice, 2006 Nečas E. a kol.: Obecná patologická fyziologie. Karolinum Praha, 2002 Nečas E. a kol.: Patologická fyziologie orgánových systémů I, II. Karolinum Praha Hulín I. a kol.: Patofyziológia. Slovak Academic Press Bratislava, 2009, 7. vyd. | |

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|--|-------|-------|-------|-------|-------|-------|
| Rokyta R. a kol.: Fyziologie a patologická fyziologie, Grada Publishing, 2015 | | | | | | |
| Course language: | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: doc. MUDr. Roman Beňačka, CSc., MVDr. Eva Lovásová, PhD., doc. MUDr. Oliver Rácz, CSc., MUDr. Eva Sedláková, PhD., MUDr. Marek Brenišin, PhD., MVDr. Jaroslava Nováková, PhD., Mgr. Daniela Szabóová, MUDr. Lenka Šalamonová Blichová, PhD. | | | | | | |
| Date of last modification: 11.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

| | |
|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: UPF/ PF-ZL5-2/25 | Course name: Pathological Physiology 2 |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present | |
| Number of ECTS credits: 4 | |
| Recommended semester/trimester of the course: 6. | |
| Course level: I.II. | |
| Prerequisites: UPF/PF-ZL5-1/25 | |
| Conditions for course completion: Prerequisite for registration: succesful completion of practical lessons from Pathological physiology I Prerequisite for completion: 2 credit tests, evaluation of knowledge and outputs in practival lessons (oral & written quizzes, presentations, 3 protocols, semestral work), 50% attendance in lectures, final exam | |
| Learning outcomes: The graduate acquires knowledge in the field of pathogenesis and clinical course of diseases with an emphasis on the specifics of dental medicine - diseases of the oral cavity as a manifestation of other diseases of the body. | |
| Brief outline of the course: 1. Pathophysiology of the respiratory system (asthma, pulmonary edema, breathing disorders during sleep). 2. Valvular defects, congenital heart defects. 3. Heart failure. Atherosclerosis, CAD. 4. Regulation of blood pressure, hypertension. 5. Risk factors and clinical manifestations of CHD. Dysrhythmias. Heart attack. 6. Hematology - anemia. Blood clotting disorders. 7. NS- Disorders of metrics, sensitivity, pain. Degenerative and demyelinating diseases of NS. 7. Epilepsy. 8. Diabetes mellitus and acute complications. Diabetes mellitus. DCCT and prevention of chronic complications. Compensation control and modern principles of therapy. 9. Digestive tract – oral cavity, tooth decay, esophagus. 10. Kidney pathophysiology. 11. Ulcer disease. Endocrinology. Thyroid gland, adrenal glands, parathyroid glands. | |
| Recommended literature: Beňačka R a kol.: Všeobecná patofyziológia: mechanizmy vzniku chorôb. ŠafárikPress, Košice 2021, 484s. Rácz O. a kol.: Základy patologickej fyziológie. Aprilla s. r. o., Košice, 2006 Nečas E. a kol.: Obecná patologická fyziologie. Karolinum Praha, 2002 Nečas E. a kol.: Patologická fyziologie orgánových systémů I, II. Karolinum Praha, 2003 Hulín I. a kol.: Patofyziológia. Slovak Academic Press Bratislava, 2009, 7. vyd. Rokyta R. a kol.: Fyziologie a patologicka fyziologie, Grada Publishing, 2015 | |
| Course language: | |

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|--|-----|-----|-----|-----|-----|
| Notes: | | | | | |
| Course assessment | | | | | |
| Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: doc. MUDr. Roman Beňačka, CSc., doc. MUDr. Oliver Rácz, CSc., MVDr. Eva Lovásová, PhD., MUDr. Eva Sedláková, PhD., MUDr. Peter Dombrovský, MVDr. Jaroslava Nováková, PhD., MUDr. Lenka Šalamonová Blichová, PhD., MUDr. Marek Brenišin, PhD., Mgr. Daniela Szabóová | | | | | |
| Date of last modification: 11.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|--|-------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: UP/PA-ZL5/25 | Course name: Pathology |
| 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: 3 | |
| Recommended semester/trimester of the course: 5. | |
| Course level: I.II. | |
| Prerequisites: UA/A-ZL5-2/25 and UHE/HE-ZL5-2/25 | |
| Conditions for course completion: 2 Tests and Colloquium | |
| Learning outcomes: The graduate acquires important knowledge in the field of general and special pathology. The graduate acquires knowledge in the pathology of blood vessels, heart, respiratory system, gastrointestinal system, urinary system, genitourinary system, central and peripheral system, pathology of bones, joints and soft parts. | |
| Brief outline of the course: Introduction to general pathology. Pathology as a part of medicine and medical practice. Cell adaptation, cell damage and cell death. Brief information: environmental pathology and nutritional disorders. Acute and chronic inflammation. Brief information: regeneration, healing and fibrosis. Circulatory disorders, thromboembolic disease and shock. Principles of heart failure, morphology of circulatory failure. Brief information: Innate and acquired immunity, immunopathological processes. Oncopathology. Brief information: genetic disorders. Introduction to special (systemic) pathology. Pathology of the blood vessels and heart. Erythrocyte disorders and haemorrhagic conditions. White blood cell disorders, lymph node diseases, spleen and team. Pathology of the respiratory system. Pathology of the gastrointestinal system (orofacial pathology forms the syllabus in the summer term). Pathology of the liver, biliary tract and pancreas. Pathology of the urinary system. Brief outline of dermatopathology. Pathology of the female and male reproductive system. Brief outline of pathology of the mammary gland and pregnancy. Pathology of the endocrine system. Brief outline of the pathology of bones, joints and soft parts. Pathology of the central and peripheral nervous system. Brief outline of the pathology of muscles. Reserve. | |
| Recommended literature: Jurkovič, I., Šimko, M. Patologická anatómia pre stomatológov I., II., UPJŠ Košice, 1985 Liška, K. Orofaciální patologie. Praha : Avicenum, 1983 Zaviačič a kol.: Kompendium patológie, 1. diel, Všeobecná patológia a onkopatológia, UK Bratislava, 2002 Zaviačič a kol.: Kompendium patológie, 2. diel, Špeciálna patológia, UK Bratislava, 2002 Mírejovský P., Bednář B.: Obecná patologie, Karolinum, Praha, 1994 | |

| <p>Kolektiv autorů: Speciální patologie, Patologie oběhového, krevního, mízního a dýchacího ústrojí, Karolinum, Praha, 1995</p> <p>Kolektiv autorů: Speciální patologie, II. díl, Karolinum, Praha, 1997</p> <p>Kolektiv autorů: Speciální patologie, III. Díl, Karolinum, Praha, 1999</p> <p>Kumar V, Abbas AK, Fausto N, Robbins SL, Cotran RS: Robbins and Cotran pathologic basis of disease, 7th edition, Elsevier/Saunders, Philadelphia, 2005</p> <p>Brozman, M., Ondruš, B.: Úvod do histopatológie, Osveta, Martin, 1976</p> <p>Böör,A.,Jurkovič,I., Benický,M. and Havierová,Z.: Practical lessons in histopathology and methods in pathology, UPJŠ Košice, 2004</p> | | | | | | | | | | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|
| <p>Course language: slovak language</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Notes:</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Course assessment Total number of assessed students: 0</p> <table> <tr> <th>abs</th><th>abs-A</th><th>abs-B</th><th>abs-C</th><th>abs-D</th><th>abs-E</th><th>neabs</th></tr> <tr> <td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td></tr> </table> | | | | | | | 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 |
| 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 | | | | | | | | | | | | | | |
| <p>Provides: MUDr. Adam Nedoroščík</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Date of last modification: 11.11.2024</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.</p> | | | | | | | | | | | | | | | | | | | | |

COURSE INFORMATION LETTER

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|--|--------------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/PA-ZL5-1/25 | Course name: Periodontology 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: 6. | |
| 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 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. | |

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| 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: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Jarmila Chrenková, PhD., MDDr. Zuzana Drotárová, PhD., MHA, doc. MUDr. Silvia Timková, PhD., MHA, MUDr. Eva Janitorová, PhD., MDDr. Vladislava Šaková, MDDr. Zdenka Lučivjanská, MUDr. Andrea Vödrösová, MDDr. Adriána Mičková, MDDr. Jana Kluknavská, PhD. | | | | | | |
| Date of last modification: 18.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|--------------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/PA-ZL5-2/25 | 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: 8. | |
| Course level: I.II. | |
| Prerequisites: SK/PA-ZL5-1/25 and SK/PreZL-ZL5/25 | |
| 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. | |

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| 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: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Jarmila Chrenková, PhD., doc. MUDr. Silvia Timková, PhD., MHA, MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Vladislava Šaková, MUDr. Eva Janitorová, PhD., MDDr. Zdenka Lučivjanská, MUDr. Andrea Vödrösová | | | | | |
| Date of last modification: 18.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|---|-------|------------------------------------|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: UFR/ FA-ZL5-1/25 | | 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: ULCHBKB/LB-ZL5-2/25 | | | | | | |
| Conditions for course completion: test obtaining credits | | | | | | |
| Learning outcomes: An understanding of pharmacology to an appropriate extent is required of the dentist for the safety of dental practice. Students need to be informed about the sources of information about medicines and their effects in the body, rather than learning too much detail and memorizing lists of active substances. Be able to prescribe a prescription for commonly used drugs. | | | | | | |
| Brief outline of the course: Prescribing of drugs in different dosage forms , basics of general pharmacology (pharmacokinetics, pharmacodynamics), factors influencing the drug effect related to the drug and the organism; routes of administration. Special pharmacology: parasympatricotropic and sympathicotropic agents; myorelaxants and ganglioplegics. CNS-affecting substances -psychopharmaceuticals, hypnosedatives, antiepileptics, antiparkinsonics. General anaesthetics, premedication before general anaesthesia; pain relievers - opioid analgesics, analgesics - antipyretics, antiphlogistic agents, local anaesthetics. | | | | | | |
| Recommended literature: Kohút A., Mirossay L.: Všeobecné základy účinku liečiv, Vyd. Michala Vaška, 1999 Mojžiš J., Kohút A., Mirossay L.: Základy farmakológie, Vydavateľstvo Michala Vaška, 2000 Mirossay, Mojžiš a kol. Základná farmakológia a farmakoterapia, druhé vydanie. Equilibria, 2021 | | | | | | |
| Course language: slovak language | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 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 |

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| Provides: prof. MVDr. Ján Mojžiš, DrSc., RNDr. Matúš Čoma, PhD., prof. MUDr. Ladislav Mirossay, DrSc., RNDr. Andrej Miroššay, PhD., RNDr. Peter Gál, DrSc., MBA, Mgr. Simona Žiláková, Mgr. Kristína Danková |
| Date of last modification: 11.11.2024 |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. |

COURSE INFORMATION LETTER

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|--|-----|------------------------------------|-----|-----|-----|
| University: P. J. Šafárik University in Košice | | | | | |
| Faculty: Faculty of Medicine | | | | | |
| Course ID: UFR/ FA-ZL5-2/25 | | Course name: Pharmacology 2 | | | |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present | | | | | |
| Number of ECTS credits: 4 | | | | | |
| Recommended semester/trimester of the course: 6. | | | | | |
| Course level: I.II. | | | | | |
| Prerequisites: UFR/FA-ZL5-1/25 | | | | | |
| Conditions for course completion: test skúška | | | | | |
| Learning outcomes: To provide students with a comprehensive introduction to the fundamental Pharmacology and uses of the major classes of drugs currently used in medical practice. | | | | | |
| Brief outline of the course: Drugs affecting cardiovascular system and blood including cardiac glycosides, antianginal drugs, antidysrhythmic drugs, diuretics, antihypertensive drugs, lipid-lowering drugs. Drugs affecting hemostasis (anticoagulants, antiaggregatory drugs), antianemic drugs. Mechanism of action of antibiotics, resistance, classification. Penicillins. Penicillins with broader spectrum. Cephalosporins. Aminoglycosides. Tetracyclines. Macrolides, lincosamides. Sulphonamides and quinolones. Antistaphylococcal antibiotics. Antimycobacterial agents. Antiviral and antifungal drugs. Antiprotozoal and anthelmintic drugs. Antibiotics in dental practise. Antithyroid drugs. Steroids, androgens. Oral contraceptives. Corticosteroids. Antidiabetic drugs. Drug influencing of plasmatic calcium concentration. Treatment of drug poisoning. Drug interaction. | | | | | |
| Recommended literature: Whalen K et al.: Lippincott Illustrated Reviews: Pharmacology 7th edition, 2019 Ritter JM et al.: Rang & Dale's Pharmacology, 2019 | | | | | |
| Course language: | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: prof. MVDr. Ján Mojžiš, DrSc., prof. MUDr. Ladislav Miroššay, DrSc., RNDr. Matúš Čoma, PhD., RNDr. Andrej Miroššay, PhD. | | | | | |

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| Date of last modification: 11.11.2024 |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. |

COURSE INFORMATION LETTER

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|---|-----------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: KFBLR/F-ZL5/25 | 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: 3. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/ Prerequisites: Successful completion of the interim study checks and the final exam. Continuous assessment (test, independent work): written test Final assessment (exam): exam, grade A, B, C, D, E, FX. The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation. | |
| Learning outcomes: The student knows the basics of functional myoskeletal examination in the orofacial system, is able to practically apply neuromuscular and mobilization techniques in the field, knows the mechanisms of action of physiotherapeutic procedures and the basics of the application of methodologies. | |
| Brief outline of the course: Modern aspects of physiotherapy and complex rehabilitation. Definition and distribution of physical therapy resources. Effects, indications, contraindications. Examination of the patient and assessment of functions for the purpose of rehabilitation treatment . Movement therapy, mechanotherapy, electrotherapy, phototherapy, thermotherapy. Principles of soft and mobilization techniques Physiotherapeutic agents by type of energy used and therapeutic objectives. Mobilization and soft techniques in the orofacial area. Fundamentals of kinesiology of the temporomandibular joint, temporomandibular joint and cervicocranial transition Postisometric relaxation in the orofacial area . Application of neurophysiological methodologies Rehabilitation of complications after tooth extraction. Rehabilitation in orofacial traumatology Rehabilitation in soft tissue injuries of the orofacial area Basic principles and procedures of rehabilitation. Rehabilitation in injuries of the facial bones, zygomaticomaxillary complex and orbit. Basic principles and procedures of rehabilitation | |
| Recommended literature: KOLÁŘ, P. a kol.: Rehabilitace v klinické praxi, Galén, Praha, 2009, ISBN 2720-18-02-03. Navrátil L. a kol. Fyzikální léčebné metody pro praxi , 2019 Beumer, J., Marunick M.T., Esposito S. J. Maxillofacial rehabilitation. 2011, Quintessence Pub | |

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|---|-----|-----|-----|-----|-----|
| Co; 1 edition, 468 pages, ISBN-13: 978-086715498 | | | | | |
| Course language: | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: 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: 08.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PKZL-ZL5-1/25 | Course name: Preclinical Dentistry 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: 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 | |

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|---|-------|-------|-------|-------|-------|-------|
| 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: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Michaela Michalik, PhD., MPH, MBA, MUDr. Adriána Petrášová, PhD., MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Zuzana Slebodníková Švecová, MDDr. Dávid Kubica, MDDr. Martin Holló, MDDr. Sofia Mikolajová | | | | | | |
| Date of last modification: 12.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PKZL-ZL5-2/25 | Course name: Preclinical Dentistry 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: 2. | |
| Course level: I.II. | |
| Prerequisites: SK/PKZL-ZL5-1/25 | |
| 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 | |

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| Scheid R.C.: Woelfel's Dental Anatomy: Its Relevance to Dentistry, 2011, Lippincott Williams & Wilkins, ISBN-13: 978-1608317462 | | | | | |
| Course language: slovak | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Michaela Michalik, PhD., MPH, MBA, MDDr. Jaroslav Ďurica, MUDr. Adriána Petrášová, PhD., MDDr. Vladislava Šaková, MDDr. Adriána Mičková, MDDr. Barbara Petrišin Rudová, MDDr. Juraj Bánovčin, PhD., MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Zuzana Kotuličová, MDDr. Lenka Soták Benedeková, MDDr. Zuzana Schwartzová, PhD., MPH | | | | | |
| Date of last modification: 02.12.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PKZL-ZL5-3/25 | Course name: Preclinical Dentistry 3 |
| 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: 3. | |
| Course level: I.II. | |
| Prerequisites: SK/PKZL-ZL5-2/25 | |
| 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 | |

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| 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: slovak | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Margaréta Tamášová, PhD., MUDr. Adriána Petrášová, PhD., MDDr. Mária Futejová, MDDr. Zuzana Minarčíková, MUDr. Kristína Biganičová, MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Viktória Hužvárová, MPH, MDDr. Dominika Domonkošová, MDDr. Andrea Sinčák Konečná, PhD., MDDr. Dominik Šarik, MDDr. Vladislava Šaková, MDDr. Natália Sokolová, MUDr. Angelika Vavrek Hanzenová | | | | | | |
| Date of last modification: 02.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PKZL-ZL5-4/25 | Course name: Preclinical Dentistry 4 |
| 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: 4. | |
| Course level: I.II. | |
| Prerequisites: SK/PKZL-ZL5-3/25 | |
| 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. | |

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| 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: slovak | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Michaela Michalik, PhD., MPH, MBA, MUDr. Adriána Petrášová, PhD., MUDr. Stanislav Andrejko, PhD., MUDr. Milan Bereš, PhD., MPH, MUDr. Marcela Šestáková, PhD., MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Zuzana Kotuličová, MDDr. Dominika Domonkošová, MDDr. Barbara Petrišin Rudová, MDDr. Filip Lukáč, MDDr. Zuzana Minarčíková, MDDr. Dominika Ivančáková, MUDr. Jana Kaiferová, PhD. | | | | | |
| Date of last modification: 02.12.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PreZL-ZL5/25 | Course name: Preventive Dentistry |
| 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: 5 | |
| Recommended semester/trimester of the course: 4. | |
| Course level: I.II. | |
| Prerequisites: SK/PKZL-ZL5-1/25 | |
| 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 | |

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| 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: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Adriána Petrášová, PhD., MUDr. Jarmila Chrenková, PhD., MUDr. Eva Janitorová, PhD., MDDr. Barbara Petrišin Rudová, MUDr. Margaréta Tamášová, PhD., MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Jana Kluknavská, PhD., MDDr. Simona Svatková, doc. MUDr. Silvia Timková, PhD., MHA, MDDr. Natália Sokolová, MDDr. Nad'a Homzová, MDDr. Mária Futejová, MDDr. Vladislava Šaková, MDDr. Natália Gerdová | | | | | |
| Date of last modification: 12.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PreZLDH-ZL5/25 | Course name: Preventive Dentistry - Dental Hygiene |
| 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: 2. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: <ul style="list-style-type: none"> · Attendance at 100% of practical sessions. · Submission of a project focused on preventive dental hygiene programs. · Final written test (minimum 70% correct answers). | |
| Learning outcomes: Upon completion of the course, students will be able to: <ol style="list-style-type: none"> 1. Understand the principles of dental disease prevention. 2. Identify risk factors for dental caries and periodontal diseases. 3. Apply modern dental hygiene methods in practice. 4. Design and implement preventive programs to promote oral health. 5. Communicate with patients and educate them about the importance of oral hygiene | |
| Brief outline of the course: <ol style="list-style-type: none"> 1. Introduction to preventive dentistry – goals and importance. 2. Epidemiology of dental caries and periodontal diseases. 3. Dental hygiene – principles and techniques. 4. Use of fluorides and other preventive agents. 5. The role of nutrition and lifestyle in dental disease prevention. 6. Organization of preventive programs for different age groups. 7. Patient education – effective communication and motivation. | |
| Recommended literature: <ol style="list-style-type: none"> 1. Harris, N. O., & García-Godoy, F. (2021). "Primary Preventive Dentistry." Pearson. 2. Splieth, C. H. (2017). "Oral Health Prevention for Children." Springer. 3. Loe, H. (2020). "Prevention of Periodontal Diseases." Wiley-Blackwell. | |
| Course language: slovak | |
| Notes: | |

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|---|-------|-------|-------|-------|-------|-------|
| 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. MUDr. Silvia Timková, PhD., MHA | | | | | | |
| Date of last modification: 10.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: IK/ PMaVZ-ZL5/25 | Course name: Preventive Medicine and Public Health |
| 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: | |
| 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 | |

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| David L. Katz,Ather Ali - IOM: Preventive Medicine, Integrative Medicine and the Health of the Public 2009 | | | | | | |
| Course language: slovak | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Ivan Majerčák, MPH, prof. MUDr. Daniel Pella, PhD., MUDr. Peter Horváth, doc. MUDr. Štefan Tóth, PhD., MBA, doc. MUDr. Viola Vargová, PhD., doc. MUDr. Sylvia Dražilová, PhD. | | | | | | |
| Date of last modification: 03.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PrZL-ZL5-1/25 | 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: 3 | |
| Recommended semester/trimester of the course: 6. | |
| 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 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 | |

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| 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: 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: 19.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PrZL-ZL5-2/25 | Course name: Prosthetic Dentistry 2 |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42 Course method: present | |
| Number of ECTS credits: 3 | |
| Recommended semester/trimester of the course: 7. | |
| Course level: I.II. | |
| Prerequisites: SK/PrZL-ZL5-1/25 | |
| 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: 0

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

Provides: MUDr. Marcela Šestáková, PhD., MDDr. Nad'a Homzová, MUDr. Petra Berešová, MDDr. Dominik Šarik, MUDr. Mária Eötvösová, PhD., MDDr. Zuzana Slobodníková Švecová, MDDr. Dominika Domonkošová, MDDr. Andrea Sinčák Konečná, PhD.

Date of last modification: 19.11.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

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|---|--|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PrZL-ZL5-3/25 | Course name: Prosthetic Dentistry 4 |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 4 Per study period: 14 / 56 Course method: present | |
| Number of ECTS credits: 4 | |
| Recommended semester/trimester of the course: 8. | |
| Course level: I.II. | |
| Prerequisites: SK/PrZL-ZL5-2/25 | |
| 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 | |

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|---|-------|-------|-------|-------|-------|-------|
| Protetika I. CZ 4., přepracované a rozšířené vydání Kolektiv autorov · Vydavatel'stvo: Grada, 2015 Protetika II. CZ Kolektiv autorov · Vydavatel'stvo: Grada, 2016 Veneers EN Mini-invasive Reconstructions Attilio Sommella a Guerino Paolantoni · Vydavatel'stvo: Teamwork Media, 2014 Professional, scientific and domestic foreign magazines and books. | | | | | | |
| Course language: english | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: MUDr. Marcela Šestáková, PhD., MUDr. Petra Berešová, MUDr. Adriána Petrášová, PhD., MDDr. Nad'a Homzová, MUDr. Ján Kučera, Ph.D., MDDr. Katarína Tomová, MDDr. Filip Lukáč, MUDr. Janka Jenčová, PhD., MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Andrea Sinčák Konečná, PhD. | | | | | | |
| Date of last modification: 19.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

| | |
|---|--|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PrZL-ZL5-4/25 | Course name: Prosthetic Dentistry 4 |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 22s / 128s Course method: present | |
| Number of ECTS credits: 6 | |
| Recommended semester/trimester of the course: 9. | |
| Course level: I.II. | |
| Prerequisites: SK/PrZL-ZL5-2/25 | |
| 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 | |

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|---|-------|-------|-------|-------|-------|-------|
| Stephen F. & Martin F., Contemporary fixed prosthodontics, 2006, ISBN-10: 0-323-02874-8 Herbert T. Shillingburg, Fixed Prosthodontics, 1997, ISBN0-86715-201-X George A. Zarb, Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported, 2003, ISBN 0-323-02296-0 | | | | | | |
| Course language: english | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 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: MDDr. Nad'a Homzová, MUDr. Adriána Petrášová, PhD., MDDr. Katarína Tomová, MUDr. Ján Kučera, Ph.D., MUDr. Marcela Šestáková, PhD., MUDr. Janka Jenčová, PhD., MDDr. Viktória Dávid Kucková, MUDr. Jana Ondrašovičová, PhD., MDDr. Zuzana Drotárová, PhD., MHA, MDDr. Zuzana Slobodníková Švecová | | | | | | |
| Date of last modification: 19.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|--|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ PrZLaO-SS-ZL5/25 | Course name: Prosthetic dentistry and orthodontics |
| Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present | |
| Number of ECTS credits: 5 | |
| Recommended semester/trimester of the course: 9., 10.. | |
| Course level: I.II. | |
| Prerequisites: SK/OrD-ZL5-2/25 and SK/PrZL-ZL5-3/25 | |
| Conditions for course completion: Obtaining the minimum number of credits for compulsory and compulsory optional subjects in the prescribed stock of the study plan. | |
| Learning outcomes: The graduate verifies his professional practical and theoretical knowledge from the study of maxillofacial orthopedics in accordance with the completion of the study of dentistry at the state examination. | |
| Brief outline of the course: Thematic areas for the subject ŠS. It includes a range of questions from maxillofacial orthopedics and dental prosthetics, as well as known methods of treatment of the causative conditions of maxillo-orthopedic anomalies and treatment of missing teeth in the oral cavity. | |
| Recommended literature: Milan Kamínek · Vydavatel'stvo: Galén, 2014 Professional scientific and domestic foreign magazines Martin Tvrdon, Milan Kontrán a Mária Čižmarovičová · Vydavatel'stvo: Science, 2011 Protetická stomatológia Restorative Dentistry EN Italian Ac · Vydavatel'stvo: Mosby, 2011 Vladimír Machoň a Dušan Hirjak · Vydavatel'stvo: StomaTeam, 2009 Onemocnění temporomandibulárního kloubu Dušan Hirjak a Vladimír Machoň · Vydavatel'stvo: Triton, 2014 Protetika III CZ 4., přepracované a rozšířené vydání Jörg Rudolf Strub a kolektiv · Vydavatel'stvo: Grada, 2016 Protetika I. CZ 4., přepracované a rozšířené vydání Kolektiv autorov · Vydavatel'stvo: Grada, 2015 Protetika II. CZ Kolektiv autorov · Vydavatel'stvo: Grada, 2016 Veneers EN Mini-invasive Reconstructions | |

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|--|-----|-----|-----|-----|-----|
| 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: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: | | | | | |
| Date of last modification: 27.11.2024 | | | | | |
| Approved: 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-ZL5/25 | 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: UPF/PF-ZL5-2/25 | |
| Conditions for course completion: 1. 85% active participation on the practical lessons, in case of absence may compensate up to 2 practical lessons per semester and 50% participation on lectures 2. active participation in practical lessons; regular knowledge check via control questions; successful completion of the written test – at least 60%. | |
| Learning outcomes: The absolvent acquires knowledge from the field of psychiatry, diagnosis and treatment of mental disorders, from psychopharmacology, psychoeducation and rehabilitation in psychiatry. | |
| Brief outline of the course: Psychiatry- characteristics and content of field, history, etiopathogenesis of mental disorders, general psychopathology (perceptual disorders, gnostic disorders, mood disorders, disorders of thinking, volition, consciousness, memory, intellect and personality), syndromology of mental disorders, diagnosis and classification in psychiatry, communication with a mentally ill patient, schizophrenic disorders, mood disorders – emphasis on depression, organic mental disorders, cognitive disorders, anxiety disorders, stress-induced disorders, psychiatric issue of substance use/abuse disorders, psychiatric sexology, pedopsychiatry, gerontopsychiatry, personality disorders, biological treatments in psychiatry, psychopharmacology, psychotherapy, psychoeducation and rehabilitation in psychiatry, organizational, legal and ethical problems in psychiatry, liaison psychiatry. | |
| Recommended literature: Kolibáš, E. Príručka klinickej psychiatrie. Psychoprof: 2010, ISBN 978-80-89322-05-3 Kolibáš, E. a kol., Všeobecná psychiatria. UK: 2007, ISBN 978-80-223-2388-8 Hosák Ladislav - Hrdlička Michal - Libiger Jan a kol. Karolinum 2015, 648 pp. ISBN 9788024629988 | |
| Course language: Slovak language | |
| Notes: | |

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|---|-------|-------|-------|-------|-------|-------|
| 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. MUDr. Ivan Dóci, PhD., Mgr. MUDr. Jozef Dragašek, PhD., MHA, MUDr. Jana Vančíková, PhD., doc. MUDr. Aneta Bednářová, PhD., MUDr. Zuzana Vančová, PhD., MUDr. Dominika Jarčušková, PhD., MUDr. Simona Čarnakovič | | | | | | |
| Date of last modification: 11.11.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: 1. PK/ PMK-ZL5/25 | 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: 2 | |
| Recommended semester/trimester of the course: 3. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: 1. 100% active participation at practical exercises; in a case of absence, possible compensation at most 2 exercises per semester. 2. At least 70% success in the midterm test achievement, and 80% success in final exam achievement. | |
| Learning outcomes: Student is educated in the psychological concepts related to the field of clinical psychology; Is being attained theoretical and practical knowledge in regard to the principles of verbal and non-verbal communication; learns methods of psychodiagnostics and psychotherapy. | |
| Brief outline of the course: <ul style="list-style-type: none"> - Psychology as a profession, history, theoretical and applied psychological disciplines, the profession of clinical psychologist as a fellow in diagnostic and treatment team, psychological contribution to the patient care. - Psychology of personality, key concepts and models of consequent psychopathology; issues of normality of personality. - Psychodiagnostics - basic methods used in clinical psychology, their indication and contribution in doctor's practice. Intelligence, and its assessment. Evaluation of personality traits and their psychopathological changes. - Psychotherapy, basic concepts and methods. Basic psychotherapeutic approaches. Indications in requirement of disorders. - Bio-psycho-social model of disease, psychosomatic diseases and comprehensive therapeutic approach; problem of stress, mental health care, and the principles of salutogenesis. Health psychology. - Verbal and non-verbal communication, principles of effective communication. Communication in specific situations in medical practice. Coping with difficulties in social interactions. - Approach to difficult-to-treat patients in dental practice, coping strategies. | |
| Recommended literature: Žucha I., Čaplová T., et al. Lekárska psychológia. Bratislava, Univerzita Komenského 2012. Ayers S., R. de Visser. Psychologie v medicíně. Praha, Grada 2015. Kratochvíl S. Základy psychoterapie. Praha, Portál 2002. | |

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|---|-----|-----|-----|-----|-----|
| Bouchal M., et al. Lékařská psychologie, Praha, Avicenum 1981. Heretik A., et al. Klinická psychológia. Nové Zámky, Psychoprof 2007. Vymětal J. Základy lékařské psychologie, Praha, Portál 2003. Baštecký J., et al. Psychosomatická medicína. Praha, Grada 1993. Křivohlavý J. Psychologie nemoci. Praha, Grada 2002. | | | | | |
| Course language: Slovak language | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: PhDr. Martina Ružičková, PhD., Mgr. Jana Schrötter, PhD., Mgr. Juraj Martonyik, PhD., Mgr. Matúš Hrebenár | | | | | |
| Date of last modification: 08.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|--|-------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: KRNM/ R-ZL5/25 | 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: 2 | |
| Recommended semester/trimester of the course: 5. | |
| Course level: I.II. | |
| Prerequisites: | |
| Conditions for course completion: Rogotest - presence form | |
| Learning outcomes: Radio imaging methods and procedures, physical principles. Orientation in classical radiology. Control of USG, CT, MR, angiographic and interventional methods. Practical exercises at the clinic. | |
| Brief outline of the course: <ul style="list-style-type: none"> - Fundamentals of physics and biophysics. - Ionizing radiation. - Diagnostic modalities. - Using imaging methods to display individual organs. - Imaging modalities of the bones, nervous system, chest, abdominal organs, vascular system. - Intervention methods. | |
| Recommended literature: <ol style="list-style-type: none"> 1. Muchová T., Rádiológia pre lekárske fakulty - vysokoškolské učebné texty (2. prepracované vydanie), Košice, 2021, ISBN 978-80-8152-970-2 2. Muchová T., Rádiodiagnostika ochorení pečene, žlčníka, žlčových ciest a pankreasu - vysokoškolské učebné texty, Košice, 2021, ISBN 978-80-8152-971-9 3. Muchová, T., Živčák, J., Rádiologické zobrazovacie metódy. Diagnostické prístroje - princíp a ich využitie, Košice, 2018, ISBN 978-80-553-3242-0 4. Muchová T., Rádiológia pre medikov – vysokoškolské učebné texty UPJŠ LF, 2017, ISBN 978-80-8125-520-9 5. Heřman M., Základy rádiológie, Univerzita Palackého v Olomouci, 2014, ISBN 978-80-244-2901-4 6. Bilický J., et al., Rádiológia I. Všeobecná časť, Veda, 2011, ISBN 978-89-224-1195-0 7. Bilický J., et al., Špeciálna časť 1. Hrudník: pľúca, srdce, mamodiagnostika; Veda, 2012, ISBN 978-80-224-1244-5 8. Bilický J., et al., Rádiológia. Špeciálna časť 2. GIT – Ezofagus, žalúdok, tenké črevo, hrubé črevo, hepar, žlčové cesty a žlčník, pankreas, slezina; Veda, 2012, ISBN 978-80-224-1245-2 9. Bilický J., et al., Rádiológia. Špeciálna časť 3. Urorádiológia., Veda, 2012, | |

ISBN 978-80-224-1246-9

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

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

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

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

14. Geschwind J., et al. Abrams' Angiography: Interventional Radiology – 3rd edition, Lippincott Williams & Wilkins, 2013, ISBN 978-1-609137922

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

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

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 0

| A | B | C | D | E | FX |
|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Date of last modification: 11.11.2024

Approved: 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-ZL5-1/25 | Course name: Seminar of Diploma Thesis 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: 7. | |
| 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. | |

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|--|-------|-------|-------|-------|-------|-------|
| 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: 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: 05.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/DS-ZL5-2/25 | Course name: Seminar of Diploma Thesis 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: 2 | |
| Recommended semester/trimester of the course: 8. | |
| Course level: I.II. | |
| Prerequisites: SK/DS-ZL5-1/25 | |
| 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. | |

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|--|-------|-------|-------|-------|-------|-------|
| Course language: slovak | | | | | | |
| 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: 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: 10.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/DS-ZL5-3/25 | Course name: Seminar of Diploma Thesis 3 |
| Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 40s Course method: present | |
| Number of ECTS credits: 2 | |
| Recommended semester/trimester of the course: 9. | |
| Course level: I.II. | |
| Prerequisites: SK/DS-ZL5-2/25 | |
| 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. | |

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|--|-------|-------|-------|-------|-------|-------|
| Course language: slovak | | | | | | |
| 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: 10.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|--|-------|--------------------------------------|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: SK/ SZL-ZL5/25 | | Course name: Sports Dentistry | | | | |
| 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: 7., 9. | | | | | | |
| Course level: I.II. | | | | | | |
| Prerequisites: | | | | | | |
| Conditions for course completion: | | | | | | |
| Learning outcomes: | | | | | | |
| Brief outline of the course: | | | | | | |
| Recommended literature: | | | | | | |
| Course language: slovak | | | | | | |
| 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. MUDr. Silvia Timková, PhD., MHA, MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Peter Kizek, PhD., MHA, MPH, MDDr. Zuzana Schwartzová, PhD., MPH, MDDr. Andrea Sinčák Konečná, PhD. | | | | | | |
| Date of last modification: 04.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|-------|--|-------|-------|-------|-------|
| University: P. J. Šafárik University in Košice | | | | | | |
| Faculty: Faculty of Medicine | | | | | | |
| Course ID: Dek. LF UPJŠ/SVOC-ZL5/25 | | 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: 1 | | | | | | |
| Recommended semester/trimester of the course: 4., 6., 8., 10. | | | | | | |
| Course level: I.II. | | | | | | |
| Prerequisites: | | | | | | |
| Conditions for course completion: | | | | | | |
| Learning outcomes: | | | | | | |
| Brief outline of the course: | | | | | | |
| Recommended literature: | | | | | | |
| Course language: | | | | | | |
| Notes: | | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | | |
| abs | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: | | | | | | |
| Date of last modification: 04.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|--|-------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: ChK/ CH-ZL5-1/25 | Course name: Surgery 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: 7. | |
| Course level: I.II. | |
| Prerequisites: | |
| 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, asepsis and antisepsis, anaesthesiology, thromboembolism. 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: Brief outline of the course: Introduction to 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. 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. | |

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|---|-------|-------|-------|-------|-------|-------|
| Shock, pathogenesis of the shock. Manifestations of the shock, laboratory diagnostic methods, clinical symptoms and therapy. Failure of organs. | | | | | | |
| 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., Katúchová 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: slovak | | | | | | |
| 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: prof. MUDr. Jana Katúchová, PhD., MBA | | | | | | |
| Date of last modification: 17.12.2024 | | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | | |

COURSE INFORMATION LETTER

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|---|-------------------------------|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: ChK/ CH-ZL5-2/25 | Course name: Surgery 2 |
| Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present | |
| Number of ECTS credits: 3 | |
| Recommended semester/trimester of the course: 8. | |
| Course level: I.II. | |
| Prerequisites: ChK/CH-ZL5-1/25 | |
| 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- general symptomatology, diagnostic tools, differential diagnosis, classification and treatment. | |
| Recommended literature: 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., Kaťuchová 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 | |

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|--|-----|-----|-----|-----|-----|
| Course language: slovak | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: prof. MUDr. Jana Kaťuchová, PhD., MBA | | | | | |
| Date of last modification: 17.12.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |

COURSE INFORMATION LETTER

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|---|---|
| University: P. J. Šafárik University in Košice | |
| Faculty: Faculty of Medicine | |
| Course ID: SK/ TZL-SS-ZL5/25 | 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: 5 | |
| Recommended semester/trimester of the course: 9., 10.. | |
| Course level: I.II. | |
| Prerequisites: SK/E-ZL5-2/25 | |
| 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. | |

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| Course language: english | | | | | |
| Notes: | | | | | |
| Course assessment Total number of assessed students: 0 | | | | | |
| A | B | C | D | E | FX |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provides: | | | | | |
| Date of last modification: 27.11.2024 | | | | | |
| Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D. | | | | | |