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COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/APV-DK +Z/22	Course name: Active presentation of results at a national conference with international participation
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Active presentation of results at a national conference with international participation. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By actively participating in a scientific conference, the doctoral student demonstrates a high level of knowledge and ability to identify, evaluate, correctly apply scientific knowledge and research methods. Demonstrates competence to use existing knowledge and generate new original scientific knowledge that he can critically analyse and communicate to a wider audience by adequate means (e.g. lecture, poster).	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 223	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/APV-MK/22	Course name: Active presentation of results at an international conference abroad
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Active presentation of results at an international conference abroad. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By actively participating in a scientific conference, the doctoral student demonstrates a high level of knowledge and ability to identify, evaluate, correctly apply scientific knowledge and research methods. Demonstrates competence to use existing knowledge and generate new original scientific knowledge that he can critically analyse and communicate to a wider audience by adequate means (e.g. lecture, poster).	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 117	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/APV-DK/22	Course name: Active presentation of results at the national conference
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Active presentation of results at the national conference. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By actively participating in a scientific conference, the doctoral student demonstrates a high level of knowledge and ability to identify, evaluate, correctly apply scientific knowledge and research methods. Demonstrates competence to use existing knowledge and generate new original scientific knowledge that he can critically analyse and communicate to a wider audience by adequate means (e.g. lecture, poster).	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 148	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: G-PK/ AR/22	Course name: Assisted reproduction
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites: G-PK/GE/22	
Conditions for course completion: final exam Záverečné hodnotenie (skúška): oral exam	
Learning outcomes: To master the basic methods of assisted reproduction - intrauterine insemination and in vitro fertilization in individual steps (conditions, procedure, importance). Theoretically specialize the individual laboratory methodologies within the IVF process, the possibilities of cryopreservation, social freezing and oncofertility	
Brief outline of the course: Basic diagnostics and infertility management Intrauterine insemination - conditions and success rate IVF – stimulation protocols Oocyte collection and embryo transfer Laboratory methods - ICSI, sperm selection, time lapse monitoring, preimplantation genetics Cryopreservation options Social freezing Oncofertility	
Recommended literature: 1. Základy reprodukčnej medicíny / zostavovateľ Silvia Toporcerová; recenzenti Miroslav Borovský, Štefan Lukačín, Jozef Váľky.. - 1. vyd. - Košice : Beky design, 2015. - 408 s. - ISBN 9788089522040. 2. Reprodukční medicína – současné možnosti v asistované reprodukci / zostavovateľ Jitka Řezáčová, 1. vyd., Praha, 2018, 710 strán. ISBN 9788020446572 3. Speroff's Clinical Gynecologic Endocrinology and Infertility. Taylor H.S., Pal L., Seli E. Wolters Cluver Health, 9th ed., ISBN 1451189761 4. Menstrual Cycle Related Disorders. Berga S.L., Genazzani, A.R., Naftolin, F., Petraglia, F. ed, Springer 2019, ISBN 3030143570. 5. Textbook of Assisted Reproductive Techniques. Gardnes DK, Wessman A., Howles C.M, Shoham, Z., Talor and Francis, 2018, vol. 1 „Laboratory perspectives, ISBN 9781498740098, 1040s.	

6. Textbook of Assisted Reproductive Techniques. Gardnes DK, Wessman A., Howles C.M, Shoham, Z., Talor and Francis, 2018, vol. 2 Clinical perspectives, ISBN 9781498740098, 1040s.

Course language:

Slovak, English

Notes:

Course assessment

Total number of assessed students: 5

Ne	Pr
0.0	100.0

Provides: doc. MUDr. Silvia Toporcerová, PhD., EMBA, prof. MUDr. Peter Urdzík, PhD., MPH

Date of last modification: 28.02.2022

Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/G-DP/22	Course name: Co-solver of a national project (VEGA, KEGA, APVV ...)
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Co-solver of a national project (VEGA, KEGA, APVV ...). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: The doctoral student, as a co-investigator, participates in the solution of projects within the team cooperation, he is responsible for partial tasks in the solution of which he participates under the guidance of his supervisor.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 154	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/G-MP/22	Course name: Co-solver of an international project
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Co-solver of an international project. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: The doctoral student, as a co-investigator, participates in the solution of projects within the team cooperation, he is responsible for partial tasks in the solution of which he participates under the guidance of his supervisor.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 22	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/G-UPJS- SR/22	Course name: Co-solver of internal grant (VVGS)
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Co-solver of internal grant (VVGS). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: The doctoral student, as a co-investigator, participates in the solution of projects within the team cooperation, he is responsible for partial tasks in the solution of which he participates under the guidance of his supervisor.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 25	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/V-SVOC/22	Course name: Consultation of ŠVOČ
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 8	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: It concerns professional and consulting work in the management of students, by which the doctoral student demonstrates the ability to use and pass on the acquired scientific knowledge and skills acquired through studies in the relevant field of study / study program.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 13	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: Dek. LF UPJŠ/ODZ/05		Course name: Defence of Doctoral Thesis			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 20					
Recommended semester/trimester of the course:					
Course level: III.					
Prerequisites:					
Conditions for course completion: All information about the doctoral study is specified on the faculty's website in the Doctoral Study section, including the conditions of completion, which are detailed in the State Examinations section. Students will find here all the necessary information, forms and documents, including information on the formal side of the dissertation, which are in accordance with Directive No. 1/2011 on the basic requirements of final theses and the PhD Study Regulations at UPJŠ in Košice. The submitted work must be in accordance with the Rector's Decision No. 5/2021, issuing the principles of good practice of scientific publication at UPJŠ in Košice and its parts, Rector's Decision No. 21/2021, on issuing rules for the assessment of plagiarism at UPJŠ in Košice and its parts, Rector's Decision No. 2/2022 which issues the principles of good research practice at UPJŠ in Košice and its parts.					
Learning outcomes: The dissertation has the character of a scientific work and the student demonstrates by this work extensive mastery of the theory and professional terminology from the field of study/study program, acquisition of knowledge, skills and competencies in accordance with the declared profile of the graduate, as well as the ability to apply them in an original way. The student demonstrates the ability of independent scientific work in terms of content, formal and ethical, and the ability to present and critically analyses obtained results.					
Brief outline of the course:					
Recommended literature:					
Course language: english, slovak					
Notes:					
Course assessment Total number of assessed students: 423					
N	NNe	NU	NeO	O	P
0.0	0.0	1.42	0.0	80.85	17.73

Provides:
Date of last modification: 23.03.2022
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/DZS/05	Course name: Dissertation examination
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: The condition for granting the dissertation examination is the completion of the study part in the prescribed composition of subjects and the acquisition of at least 90 credits in the external form, if the study in the four-year form and five-year in the external form. The committee decides on the result of the examination in a non-public meeting by a majority of the members present. In the event of equality of votes, the vote of the President shall prevail.	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 664	
N	P
0.15	99.85
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/ LFAJD/05	Course name: English Language for PhD Students of Faculty of Medicine
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: completion of e-course English for PhD Students (lms.upjs.sk), consultations (1-3), written assignments - Professional/Academic CV, Short Academic Biography, test, oral exam	
Learning outcomes: The development of students' language skills - reading, writing, listening, speaking; improvement of their linguistic competence - students gain knowledge of selected phonological, lexical and syntactic aspects; development of pragmatic competence - students acquire skills for effective and purposeful communication, with focus on Academic English and English for specific/professional purposes, level B2.	
Brief outline of the course: Specific aspects of spoken and written academic and professional language, with a focus on vocabulary development (formal phrases, noun and verb collocations, prepositional phrases, etc.). Selected aspects of grammar, including complex prepositions, verb tenses, and passive voice. Features of academic writing, such as text cohesion and coherence, hedging, and other essential skills. Selected functional grammar for academic contexts, focusing on expressing opinions, cause-and-effect relationships, arguments, and examples. Communication skills in academic settings.	
Recommended literature: Moore, J.: Oxford Academic Vocabulary Practice. OUP, 2017. Kolaříková, Z., Petruňová, H., Timková, R.: Angličtina v akademickom prostredí (cvičebnica). UPJŠ Košice, 2021. Tomaščíková, S., Rozenfeld, J. Developing Academic English in Speaking and Writing. Vydavateľstvo ŠafárikPress, 2021. McCarthy, M., O'Dell, F.: Academic Vocabulary in Use. CUP, 2008. Štěpánek, L., J. De Haff a kol.: Academic English-Akademická angličtina. Grada Publishing, a.s., 2011. Armer, T.: Cambridge English for Scientists. CUP, 2011. https://www.uefap.com/	
Course language: English language, level B2, C1 according to CEFR	

Notes:	
Course assessment	
Total number of assessed students: 469	
Ne	Pr
0.0	100.0
Provides: Mgr. Zuzana Kolaříková, PhD., Mgr. Ivana Kupková, PhD.	
Date of last modification: 24.09.2025	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: G-PK/ GE/22	Course name: Gynaecological Endocrinology
Course type, scope and the method: Course type: Lecture / Seminar Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: final exam Záverečné hodnotenie (skúška): oral exam	
Learning outcomes: To master a thorough knowledge of the menstrual cycle, hypothalamic-pituitary-ovarian axis and menstrual disorders, with emphasis on the clinical interpretation of laboratory and ultrasound findings, as well as the possibility of therapeutic intervention.	
Brief outline of the course: Physiology of the menstrual cycle Etiology of menstrual disorders Diagnosis of menstrual disorders Laboratory and imaging examinations and their evaluation in menstrual disorders Practical diagnostics process in menstrual disorders Treatment and management of menstrual disorders Basic etiology of infertility Diagnosis of infertility in the outpatient clinic of a general gynecologist Infertility treatment in the outpatient clinic of a general gynecologist	
Recommended literature: 1. Základy reprodukčnej medicíny / zostavovateľ Silvia Toporcerová; recenzenti Miroslav Borovský, Štefan Lukačín, Jozef Války.. - 1. vyd. - Košice : Beky design, 2015. - 408 s. - ISBN 9788089522040. 2. Reprodukční medicína – současné možnosti v asistované reprodukci / zostavovateľ Jitka Řezáčová, 1. vyd., Praha, 2018, 710 strán. ISBN 9788020446572 3. Speroff's Clinical Gynecologic Endocrinology and Infertility. Taylor H.S., Pal L., Seli E. Wolters Cluver Health, 9th ed., ISBN 1451189761 4. Menstrual Cycle Related Disorders. Berga S.L., Genazzani, A.R., Naftolin, F., Petraglia, F. ed, Springer 2019, ISBN 3030143570. 5. Textbook of Assisted Reproductive Techniques. Gardnes DK, Wessman A., Howles C.M, Shoham, Z., Talor and Francis, 2018, vol. 1 „Laboratory perspectives, ISBN 9781498740098, 1040s.	

6. Textbook of Assisted Reproductive Techniques. Gardnes DK, Wessman A., Howles C.M, Shoham, Z., Talor and Francis, 2018, vol. 2 Clinical perspectives, ISBN 9781498740098, 1040s.

Course language:

Slovak, English

Notes:

Course assessment

Total number of assessed students: 13

Ne	Pr
0.0	100.0

Provides: doc. MUDr. Silvia Toporcerová, PhD., EMBA, doc. MUDr. Ján Varga, PhD., MHA, prof. MUDr. Róbert Dankovčík, PhD., MPH

Date of last modification: 28.02.2022

Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: G-PK/ RG/22	Course name: High risk pregnancy
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 6	
Ne	Pr
0.0	100.0
Provides: prof. MUDr. Róbert Dankovčík, PhD., MPH, doc. MUDr. Silvia Toporcerová, PhD., EMBA	
Date of last modification:	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/ISL/22	Course name: Individual study of scientific literature
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: The evaluation is carried out by the supervisor based on knowledge of the Ph.D. presented on seminars at the department/clinic. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 337	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/AZSPn/22	Course name: Internship abroad - more than 30 days
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Internship abroad - more than 30 days. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: Ph.D. student has to present specific results which bring benefits for preparation of dissertation thesis on seminar or an overview of the acquired methodological, professional knowledge.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 18	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/AZSPd/22	Course name: Internship abroad - of less than 30 days
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Internship abroad - of less than 30 days. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: Ph.D. student has to present specific results which bring benefits for preparation of dissertation thesis on seminar or an overview of the acquired methodological, professional knowledge.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 52	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/P/22	Course name: Lecture on research seminar at the department or clinic
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Lecture on research seminar at the department or clinic. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: The doctoral student presents the knowledge gained through individual studies of scientific and professional literature, which he/she can critically evaluate, analyse and subsequently use in his/her research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 168	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: G-PK/ PO/22	Course name: Obstetric operations
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 8	
Ne	Pr
0.0	100.0
Provides: prof. MUDr. Róbert Dankovčík, PhD., MPH, doc. MUDr. Erik Dosedla, Ph.D., MBA	
Date of last modification:	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/G-UPJS-ZR/22	Course name: Obtaining an internal grant UPJŠ (VVGS) or scientific project for young researchers by Faculty of Medicine - as a responsible solver
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Obtaining an internal grant UPJŠ (VVGS) or scientific project for young researchers by Faculty of Medicine - as a responsible solver. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: As a responsible researcher, the doctoral student is able to specify scientific research activities and problems in the medical fields and is able to design scientific projects, including the development of a written proposal. Respects and implements social and ethical aspects in the planning and implementation of scientific research activities.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 13	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: G-PK/ OG/22	Course name: Oncogynecology
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 17	
Ne	Pr
0.0	100.0
Provides: prof. MUDr. Peter Urdzík, PhD., MPH, doc. MUDr. Ján Varga, PhD., MHA	
Date of last modification:	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/PDS/16	Course name: Preparation of the thesis for dissertation examination
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: The dissertation examination is a state examination and is public. The PhD student submits the application for the dissertation examination through AiS2 in the time up to 24 months from the beginning of the study, depending on the standard length of studies, the PhD student in external form at the latest within three years from the beginning of the studies, the PhD student is obliged to submit, together with the application for the dissertation examination, a written work prepared for the dissertation examination. All information about the doctoral study is specified on the faculty's website in the Doctoral Study section, including the conditions of completion, which are detailed in the State Examinations section. Students will find here all the necessary information, forms and documents, including information on the formal side of the dissertation, which are in accordance with Directive No. 1/2011 on the basic requirements of final theses and the PhD Study Regulations at UPJŠ in Košice. The submitted work must be in accordance with the Rector's Decision No. 5/2021, issuing the principles of good practice of scientific publication at UPJŠ in Košice and its parts, Rector's Decision No. 21/2021, on issuing rules for the assessment of plagiarism at UPJŠ in Košice and its parts, Rector's Decision No. 2/2022 which issues the principles of good research practice at UPJŠ in Košice and its parts.	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 150	
abs	neabs
100.0	0.0

Provides:
Date of last modification: 23.03.2022
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/LPC/22	Course name: Prevention and treatment activities (per semester)
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Performing medical-preventive activities at the Faculty of Medicine (per semester). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: Doctoral students involved in the treatment and prevention of patients in a hospital or outpatient clinic transfer and integrate knowledge from their own field of study / study program into work with patients.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 394	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UPZMV/MVaS/22	Course name: Research Methodology and Statistics
Course type, scope and the method: Course type: Lecture / Seminar Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 1. Online test after each lecture 2. Problem learning after each block of lectures	
Learning outcomes: Introduction to basic methods of epidemiological and clinical studies and mastering their application in biomedical research. Gaining theoretical knowledge in biomedical statistics and improving their practical use.	
Brief outline of the course: First block of lectures / problem learning PU1: research protocol 1. Guide to the course 2. Research process 3. Measurement of impact 4. Study design 5. Validity of the study 6. Questionnaire methods Second block of lectures / problem learning PU2: working with statistical software 7. Random variable 8. Hypothesis, testing 9. Introduction to work with statistical software 10. Univariate statistical methods I 11. Univariate statistical methods II Third block of lectures / problem learning PU3: statistical data analysis 12. Linear regression 13. Logistic regression 14. Mutual influences of variables, interaction 16. Randomized controlled trials - implementation 17. Randomized controlled trials - analyzes 18. Sensitivity and specificity	
Recommended literature:	

<p>Achengrau A., Seage G.R.: Essentials of epidemiology in public health. Jones and Bartlet Publishers. 2008</p> <p>Thompson, B. (2006). Foundations of behavioral statistics. New York, NY: Guilford Press.</p> <p>Kerlinger F.N.: Základy výzkumu chování Academia 1972</p> <p>Claus , Ebner: Základy štatistiky pre psychologov, pedagogov a sociológov. Bratislava : SPN, 1988.</p>	
<p>Course language: slovak, english</p>	
<p>Notes: combined form of education</p>	
<p>Course assessment Total number of assessed students: 226</p>	
Ne	Pr
10.62	89.38
<p>Provides: doc. Mgr. Zuzana Dankulincová, PhD., Mgr. Peter Kolarčík, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD., MUDr. Jaroslav Rosenberger, PhD., doc. RNDr. Daniel Klein, PhD., Mgr. Aurel Zelko, PhD.</p>	
<p>Date of last modification: 13.05.2022</p>	
<p>Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH</p>	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-S-ZC/22	Course name: Responses to the scientific work in which the doctoral student is as a co-author - registered in a foreign scientific journal
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Responses to the scientific work in which the doctoral student is as a co-author - registered in a national scientific journal. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: Gaining feedback in foreign journals demonstrates a broad and well-founded scientific knowledge at the international level in the field of research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 10	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-S-DC/22	Course name: Responses to the scientific work in which the doctoral student is as a co-author - registered in a national scientific journal
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Responses to the scientific work in which the doctoral student is as a co-author - registered in a national scientific journal. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: Gaining feedback in domestic journals demonstrates well-founded and accepted scientific knowledge at the national level in the field of research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 2	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-S-SCI/ Scopus/22	Course name: Responses to the scientific work in which the doctoral student is as a co-author - registered in databases SCI or Scopus
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Responses to the scientific work in which the doctoral student is as a co-author - registered in databases SCI or Scopus. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: Gaining SCI/Scopus feedback demonstrates broad and well-founded scientific knowledge in the field. At the same time, citation in an indexed source demonstrates the competence to communicate new knowledge at the highest expert level and points to the international importance of the cited research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 107	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-1.-ZC/22	Course name: Responses to the scientific work in which the doctoral student is as the 1st author - registered in a foreign scientific journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Responses to the scientific work in which the doctoral student is as the 1st author - registered in a foreign scientific journal. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: Gaining feedback in foreign journals demonstrates a broad and well-founded scientific knowledge at the international level in the field of research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 13	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-1.-DC/22	Course name: Responses to the scientific work in which the doctoral student is as the 1st author - registered in a national scientific journal
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Responses to the scientific work in which the doctoral student is as the 1st author - registered in a national scientific journal. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: Gaining feedback in domestic journals demonstrates well-founded and accepted scientific knowledge at the national level in the field of research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 5	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-1.-SCI/Scopus/22	Course name: Responses to the scientific work in which the doctoral student is as the 1st author - registered in databases SCI or Scopus
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 20	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Responses to the scientific work in which the doctoral student is as the 1st author - registered in databases SCI or Scopus. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: Gaining SCI/Scopus feedback demonstrates broad and well-founded scientific knowledge in the field. At the same time, citation in an indexed source demonstrates the competence to communicate new knowledge at the highest expert level and points to the international importance of the cited research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 53	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/OP-ZP/22	Course name: Review of bachelor thesis
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Review of bachelor thesis. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By elaborating the report, the doctoral student demonstrates the ability to use scientific knowledge and experience from scientific research activities in the relevant field of study/study program. It declares the competence that professional problem and its proposal solutions to critically assess, evaluate, or propose other solutions.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 27	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 24.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-MONO- IV/22	Course name: Scientific work as a monograph, published in another publisher
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 20	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Scientific work as a monograph, published in another publisher. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a monograph, the doctoral student demonstrates a high degree of ability to identify, evaluate, correctly apply scientific knowledge and research methods. The doctoral student demonstrates the competence to use existing theories and concepts in an innovative way, as well as to generate new original scientific knowledge, which he publishes in the monograph (usually in a foreign language) in accordance with the set quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 14	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-MONO/22	Course name: Scientific work as a monograph, published in • publishers Elsevier, Springer, WileyBlackwell or Taylor & Francis
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 40	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Scientific work as a monograph, published in publishers Elsevier, Springer, WileyBlackwell or Taylor & Francis. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a monograph, the doctoral student demonstrates a high degree of ability to identify, evaluate, correctly apply scientific knowledge and research methods. The doctoral student demonstrates the competence to use existing theories and concepts in an innovative way, as well as to generate new original scientific knowledge, which he publishes in the monograph (usually in a foreign language) in accordance with the set quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 4	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-ZC-S/22	Course name: Scientific work published in a foreign journal as a co-author
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Scientific work published in a foreign journal as a co-author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific paper in a foreign journal, the doctoral student demonstrates a high degree of ability to identify, evaluate, and correctly apply scientific knowledge and research methods. Demonstrates competence in innovative ways to use existing theories and concepts, as well as the ability to generate new original scientific knowledge, which he publishes in foreign peer-reviewed (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 59	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-ZC-1./22	Course name: Scientific work published in a foreign journal as the 1st author
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Scientific work published in a foreign journal as the 1st author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific paper in a foreign journal, the doctoral student demonstrates a high degree of ability to identify, evaluate, and correctly apply scientific knowledge and research methods. Demonstrates competence in innovative ways to use existing theories and concepts, as well as the ability to generate new original scientific knowledge, which he publishes in foreign peer-reviewed (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 16	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-NC-S/22	Course name: Scientific work published in an unreviewed foreign or national proceeding as a co-author
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Scientific work published in an unreviewed foreign or national proceedingm PhD. student - a co-author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific paper in a non-peer-reviewed foreign or domestic proceedings, the doctoral student demonstrates the ability to identify, evaluate and apply scientific knowledge. Demonstrates competence to use existing theories and concepts, as well as the ability to generate new knowledge, which he publishes in domestic or foreign non-peer-reviewed proceedings by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 27	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-NC-1./22	Course name: Scientific work published in an unreviewed foreign or national proceeding as the 1st author
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Scientific work published in an unreviewed foreign or national proceedingm PhD. student - the 1st author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific paper in a non-peer-reviewed foreign or domestic proceedings, the doctoral student demonstrates the ability to identify, evaluate and apply scientific knowledge. Demonstrates competence to use existing theories and concepts, as well as the ability to generate new knowledge, which he publishes in domestic or foreign non-peer-reviewed proceedings by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 20	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-DC-S/22	Course name: Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as a co- author
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as a co-author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific paper in a domestic journal or in a peer-reviewed foreign or domestic proceedings, the doctoral student demonstrates the ability to identify, evaluate, and correctly apply scientific knowledge and research methods. Demonstrates competence to use existing theories and concepts, as well as the ability to generate scientific knowledge, which he publishes in domestic peer-reviewed journals or domestic or foreign peer-reviewed proceedings (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 171	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-DC-1./22	Course name: Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as the 1st author
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as the 1st author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific paper in a domestic journal or in a peer-reviewed foreign or domestic proceedings, the doctoral student demonstrates the ability to identify, evaluate, and correctly apply scientific knowledge and research methods. Demonstrates competence to use existing theories and concepts, as well as the ability to generate scientific knowledge, which he publishes in domestic peer-reviewed journals or domestic or foreign peer-reviewed proceedings (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 149	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-S-Q1/22	Course name: Scientific work published in the journal registered in the WoS/Scopus databases - as a co-author in the journal which is included in category Q1
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 30	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: PhD. student - co-author in the journal which is included in category Q1 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 57	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-S-Q2/22	Course name: Scientific work published in the journal registered in the WoS/Scopus databases - as a co-author in the journal which is included in category Q2
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 20	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: PhD. student - co-author in the journal which is included in category Q2 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 46	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-S-Q3/22	Course name: Scientific work published in the journal registered in the WoS/Scopus databases - as a co-author in the journal which is included in category Q3
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: PhD. student - co-author in the journal which is included in category Q3 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 44	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-S-Q4/22	Course name: Scientific work published in the journal registered in the WoS/Scopus databases - as a co-author in the journal which is included in category Q4
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: PhD. student - co-author in the journal which is included in category Q4 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 26	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-1.-Q1/22	Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st author in the journal which is included in category Q1
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 40	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: PhD. student - 1st author in the journal which is included in category Q1 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 29	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-1.-Q2/22	Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st author in the journal which is included in category Q2
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 30	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: PhD. student - 1st author in the journal which is included in category Q2 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 15	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-1.-Q3/22	Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st author in the journal which is included in category Q3
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 25	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: PhD. student - 1st author in the journal which is included in category Q3 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 9	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-1.-Q4/22	Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st author in the journal which is included in category Q4
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: PhD. student - 1st author in the journal which is included in category Q4 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 8	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/JSD/14	Course name: Spring School for PhD Students
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 4d Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 70	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULI/ SMVP/22	Course name: Statistical methods in scientific work
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: interview, exam	
Learning outcomes: Get an adequate overview of statistical methods in biology and acquire the ability to choose the most appropriate one. A specific application in use in one's own work.	
Brief outline of the course: ▪ Statistical methods in biology ▪ Epidemiological studies - statistics ▪ Statistical verification of working hypotheses ▪ Statistical evaluation of clinical files	
Recommended literature: 1. Majerník J. Základy (bio)štatistiky pre medikov, Univerzita Pavla Jozefa Šafárika v Košiciach, ŠafárikPress, 2021, ISBN 978-80-574-0066-0. 2. Riečan B., Lamoš F., Lenárt C.: Pravdepodobnosť a štatistika, 1992. 3. Anděl, J.: Matematická štatistika, SNTL, Alfa, Praha, 1985. 4. Rimarčík M.: Základy štatistiky, 2006.	
Course language: Slovak, English	
Notes:	
Course assessment Total number of assessed students: 14	
Ne	Pr
0.0	100.0
Provides: doc. Ing. Jaroslav Majerník, PhD.	
Date of last modification: 25.03.2023	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/ODP/16	Course name: Submission of dissertation thesis for defense
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: The PhD student can apply for the defense of the dissertation for the relevant paper of the Rectorate or the Dean's Office, if the study program takes place at the faculty, if he has obtained at least 210 credits, if the study in the daily form is four years old and an external five years old, without including the credits for the dissertation defense. The application is submitted no later than 3 months before the scheduled completion of his PhD. All information about the doctoral study is specified on the faculty's website in the Doctoral Study section, including the conditions of completion, which are detailed in the State Examinations section. Students will find here all the necessary information, forms and documents, including information on the formal side of the dissertation, which are in accordance with Directive No. 1/2011 on the basic requirements of final theses and the PhD Study Regulations at UPJŠ in Košice. The submitted work must be in accordance with the Rector's Decision No. 5/2021, issuing the principles of good practice of scientific publication at UPJŠ in Košice and its parts, Rector's Decision No. 21/2021, on issuing rules for the assessment of plagiarism at UPJŠ in Košice and its parts, Rector's Decision No. 2/2022 which issues the principles of good research practice at UPJŠ in Košice and its parts.	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 114	
abs	neabs
100.0	0.0
Provides:	

Date of last modification: 23.03.2022
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/V/K-ZP/22	Course name: Supervision of bachelor thesis
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 8	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Supervision of bachelor thesis. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By supervising the bachelor thesis, the doctoral student demonstrates the ability to use scientific knowledge and methods (e.g. laboratory, statistic) acquired by studying in the relevant field of study/study program. Can critically assess a professional problem and proposed solutions, evaluate it, or suggest other solutions. At the same time, it demonstrates the ability to transfer the acquired knowledge and skills.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 38	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 24.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: G-PK/ OLGaPS/22	Course name: Surgical treatment in gynecology and postoperative care
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 12	
Ne	Pr
0.0	100.0
Provides: doc. MUDr. Silvia Toporcerová, PhD., EMBA, prof. MUDr. Peter Urdzík, PhD., MPH	
Date of last modification:	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/PC/22	Course name: The direct pedagogical activity
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: The pedagogical activity of a doctoral student or other related professional activity in the range of up to four hours per week on average per academic year. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: Through pedagogical activities, the doctoral student demonstrates the ability to transfer and integrate knowledge from their own field of study/study program into education. Is able to design and implement part of the educational process (e.g. practical exercises, including the evaluation of partial results) in accordance with current trends in higher education. He is able to select and apply the right techniques and strategies of study group management in accordance with the requirements for the level of communication and digital competencies.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 357	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: G-PK/ USG-GP/22	Course name: Ultrasound in Gynecology and Obstetrics
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 8	
Ne	Pr
0.0	100.0
Provides: prof. MUDr. Róbert Dankovčík, PhD., MPH, doc. MUDr. Erik Dosedla, Ph.D., MBA	
Date of last modification:	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: G-PK/ UG/22	Course name: Urogynecology
Course type, scope and the method: Course type: Lecture / Seminar Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: final exam	
Learning outcomes: Demonstration of knowledge in the field of diagnostic tools of the types of incontinence, and about the choice of appropriate treatment. Demonstration of knowledge in the field of diagnostic tools of the types of pelvic organ prolapse, and about the choice of appropriate treatment.	
Brief outline of the course:	
Recommended literature:	
Course language: Slovak	
Notes:	
Course assessment Total number of assessed students: 13	
Ne	Pr
0.0	100.0
Provides: doc. MUDr. Silvia Toporcerová, PhD., EMBA, prof. MUDr. Peter Urdzík, PhD., MPH	
Date of last modification: 10.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/OVK/22	Course name: Work in the conference organizing committee
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:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Work in the conference organizing committee. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: The doctoral student working in the organizing committee of the conference demonstrates the ability of teamwork in the preparation of a scientific or professional event. It declares the competence to manage the implementation of the event in terms of time and content, to communicate effectively in words and writing as needed in a foreign language at a professional level with different types of people. He/she can use various technical means, recommend and propose solutions and, if necessary, make independent decisions.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 39	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Róbert Dankovčík, PhD., MPH	