Załącznik nr 5 do zarządzenia nr 189/2025

COURSE SPECIFICATION

Course code: 0912-7LEK-C6,12-Tr
Course title in Polish: Transplantologia
Course title in English: Transplantology

1. Placement of the course within the study programme

1.1. Field of study	Medicine
1.2. Mode of study	Full-time
1.3. Level of study	Uniform Master's study
1.4. Profile of study	General academic
1.5. Course specification author	Dr n. med. Jacek Bicki
1.6. Contact	jackibicki@wp.pl

2. Generał characteristics of the course

2.1. Language of instruction	English
2.2. Entry requirements	Basic knowledge of general surgery

3. Detailed characteristics of the course

3.1. Type of classes	Lectures: 15 (including 3 h of e-learning)
3.2. Place of course delivery	Courses in the teaching rooms of UJK
3.3. Form of assessment	Tests
3.4. Teaching methods	Verbal, perceptual, self-experience, the use of teaching aids ; lectures are obligatory
3.5.a. Basic reading list	Transplanation surgery. Nadey Hakim et all. Book.2021 Clinical Handbook of Nephrology R.S. Brown,A. Goldfarb Elsevier 2023 Handbook of Nephrology and Hypertension Ch. Wildcox Wolters Kluwer 2022
3.5.b. Supplementary reading list	Kidney Transplantation Andrzej Baranski ISBN: 9783030758851-2023 Guide to the Quality and Safety of Organs for Transplantation (9 th edition) EDQM Strasbourg 2024 Handbook of Kidney Transplantation A. Foster AMP 2023

4. Objectives, content and learning outcomes

4.1. Course objectives (taking into account the form of classes)

Lectures (including e-learning)

C1-learning the indications and principles of organ transplantation according to current knowledge
C2-presentation of legal, ethical and moral aspects of organ and deceased organ transplantation and transplant organization (In Poland and other countries)

C3-information on quality of life, immunosuppressive treatment, occurrence and control of complications after organ transplantation

4.2. Course content (taking into count the form of classes)

Contents:

1. Legal aspects of the rules governing organ transplantation in Poland and other countries ,opting in and opting out donation system)
2. Indications and contraindications for organ transplantation, the criteria for brain death.
3. Living donor and deceased donor. Contacts with the family of the donor. Qualification of the donor to organ procurement.
4. Qualification of the recipient, the selection of immune organs, immune typing, tissue (HLA), sacrum trials. The risk of transmission of pathogens during transplantation - immunological safety.
5. Technical aspects of treatments: collection, storage, transplantation of individual organs.
6. Perioperative care, the most common early and late complications (Local surgical complications, infectious, cardiovascular, hematological, endocrine, oncological).
7. Evaluation of the functioning of the transplanted organ, monitoring and chronic care taker.
8. Immunological aspects of organ transplantation. Rejection reaction, chronic and acute. Selection of immunosuppressive therapy. Control of treatment, adverse effects, evaluation of effectiveness.
9. The results of transplantation, assessment of quality of life after transplantation. Insufficiency of transplanted organ-retransplantation.
10. Progress in transplantation. Polish medicine contribution in the development of this field of surgery. New perspectives. Multi-organ transplants and multi-tissue (limbs, face, head

4.3. Course learning outcomes

Course learning outcomes (code)	Upon completion of the course, the student	Alignment with programme learning outcomes
in the area of knowledge:		
W01	the problem of surgical transplantation, indications for the transplantation of irreducibly damaged organs and tissues, and related procedures;	F.W14.
W02	the rules concerning the diagnosis of brain death;	F.W15.
in the area of skills:		
U01	recognize states in which functional status of the patient's or his/her preferences restrict the treatment in accordance with specific guidelines for the disease;	E.U21.
U02	comply with the aseptic and antiseptic rules;	F.U3.
in the area of social competences:		
K01	establish and maintain deep and respectful contact with the patient and show understanding towards ideological and cultural differences;	H.S1.
K02	do what is right for the patient;	H.S2.
K03	respect medical confidentiality and patient's rights;	H.S3.
K04	take actions concerning the patient on the basis of ethical principles, being aware of social conditions and restrictions resulting from illness;	H.S4.
K05	recognize his/her own limitations and self-evaluate educational deficiencies and needs;	H.S5.
K06	promote healthy lifestyle;	H.S6.
K07	use reliable information sources;	H.S7.

K08	conclude on the basis of own surveys and observations;	H.S8.
K09	introduce rules of social conduct and teamwork to the group of specialists, including specialists form other medical professions also in the multicultural and multinational environment;	H.S9.
K10	give opinions concerning various aspects of professional activity;	H.S10.
K11	take responsibility for own decisions made during professional activities including own safety and safety of other people;	H.S11.

4.4. Assessment methods for learning outcomes

Assessment method (+/-)

Course learning outcomes (code)	Oral/written/ practical examinaion /other (specify)*	Test*	Project*	In-class activity*	Independent study*	Group work*	Other (specify)*

Type of classes

1: / 2:	L	S	…	L	S	…	L	S	…	L	S	…	L	S	…	L	S	…	L	S	…
W01	+																				
W02	+																				
U01	+																				
U02	+																				
K01-K11	+																				

Annotation. 1: form of classes; 2: learning outcomes

4.5. Assessment criteria for learning outcomes

Type of classes:

LECTURE (L) (including classes conducted with the use of distance learning methods and techniques)

Grade	Assessment criteria
3,0	Attendance. Takes part in the classes. Prepares presentations in a satisfactory way, provides correct answers to questions. Solves the test at the level of 61-68%
3,5	Attendance. Takes part in classes actively. Prepares presentations in an interesting way, provides correct answers to questions during classes.Solves the test at the level of 69-76%
4,0	Attendance. Takes part in classes actively. Prepares satisfactory presentations, provides correct answers to questions during classes. Shows interest in the subject. Solves the test at the level of 77-84%
4,5	Attendance. Takes part in classes actively. Presents own ideas, takes part in discussions. Prepares very good presentations, very satisfactory answers to questions during classes. Shows a particular interest in the subject. Solves the test at the level of 85-92%
5,0	Attendance. Takes part in classes actively. Presents own ideas, participates in discussions, stimulates group to activity during classes. Prepares excellent presentations, provides brilliant answers to questions during classes. Shows a particular interest in the subject. Solves the test at the level of 93-100%

Type of classes:

SEMINAR (S) (including classes conducted with the use of distance learning methods and techniques)

Grade	Assessment criteria
3,0	Chaotic answers, additional questions necessary
3,5	Structured answers, additional questions necessary
4,0	Structured answers without additional teacher's questions
4,5	Structured answers without additional teacher's questions, presented knowledge above required standards
5,0	Greatly presented and structured answers without, additional teacher's questions, presented knowledge above required standards, also complementary to otolaryngology field knowledge from other fields of medicine including theoretical ones is presented

5. ECTS credit allocation – student workload

Category	Student workload (full-time mode)
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER (CONTACT HOURS)	***15***
Participation in lectures*	15
Participation in seminars/laboratories*	
Other (specify) e.g. classes conducted with the use of distance learning methods and techniques*	
INDEPENDENT STUDY (NON-CONTACT HOURS)	***10***
Preparation for lectures*	
Preparation for seminars/laboratories*	
Preparation for examination/test*	10
Gathering materials for project, online research*	
Preparation of a multimedia presentation*	
Other (specify)*	
TOTAL HOURS	***25***
ECTS CREDITS for the course	**1**

*** delete as appropriate**

Approved for implementation (date and legible signatures of course instructors in the given academic year):

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