



48SJ-TRAN
ECTS: 1
YEAR: 2024Z

TRANSPLANTOLOGY
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COURSE CONTENT
CLASSES

are of patient with transplanted kidney. Infectious and non-infectious complications following kidney transplantation. Acute rejection. Chronic rejection. Chronic allograft nephropathy. Pre-transplant assessment for ASCT. Pre-transplant assessment for allogenic BMT. Indications for progenitor stem cell transplantation in hematological disorders.

LECTURES

Deceased donors, living donors. Assessment of the organ recipient. Complications following renal transplantation. Contemporary definition and diagnostic criteria of brain death. Assessment of the deceased donor. Heart transplantation: indications, care of the recipient. Surgical aspects of heart transplantation. Post-operative care. Ventricle-assisted devices in pre- and post-transplant period. Bone marrow transplantation (BMT), autologous stem cell transplantation (ASCT). Complications following BMT and ASCT. Graft-versus-host disease.

EDUCATIONAL OBJECTIVE:

Following the course student is able to discuss the main indications for organ transplant (including kidney, heart, liver, pancreas and intestine) and allogenic/autologous stem cell transplantation. Student is able to discuss the assessment of organ donors and recipients, immunosuppression regimens, complications of immunosuppression, infectious and non-infectious complications following organ and bone marrow transplantation, outcome of patients following transplantation

DESCRIPTION OF LEARNING OUTCOMES FOR THE COURSE IN RELATION TO FIELD AND MAJOR LEARNING OUTCOMES

Codes of learning outcomes in a major field of study: M/NM+++, M/NMA_P7S_UW+++,

Codes of learning outcomes in a major area of study: E.U1.+ , E.U24.+ , E.U3.+ , F.W14.+ , F.W15.+ , K.1.+ , KA7_UU1+ , KA7_UU4+ , KA7_UW5+ ,

LEARNING OUTCOMES:

Knowledge

W1 - Student is able to describe the indications, contraindications, complications and outcome in patients following organ transplantation.

W2 - Knows the diagnosis, treatment and outcome of end-organ failure that may need organ transplantation

Skills

- U1 - null
- U2 - Performs physical exam in the transplant candidate (potential recipient) and the patient following organ transplantation
- U3 - null
- U4 - null
- U5 - null
- U6 - null

Social competence

K1 - Student is able to make a friendly relationship with patient

BASIC LITERATURE

1) Goldman L, Schafer AI (Ed.) , Goldman's Cecli Medicine, wyd. Saunders, 2011

SUPPLEMENTARY LITERATURE

1) Hricik D, Primer on Transplantation , wyd. Willey-Blackwell , 2011

Course/module:	Transplantology
Fields of education:	
Course status:	mandatory
Course group:	B - przedmioty kierunkowe
ECTS code:	
Field of study:	Medicine
Specialty area:	Medicine
Educational profile:	General academic
Form of study:	full-time
Level of study:	uniform master's studies
Year/semester:	5 / 9

Type of course:	Classes, Lecture
Number of hours per semester/week:	Classes: 8, Lecture: 12

Teaching forms and methods
 Classes(K1, U1, U2, U3, U4, U5, U6, W1, W2) : Students take history and examine patients in early post-transplant period during the follow-up. Students analyse and discuss case histories, analyse lab results, imaging technique results, biopsy results. Students plan the further diagnostic steps and suggest the treatment. , Lecture(W1, W2) : lecture

Form and terms of the verification results:
 CLASSES: Evaluation of the work and cooperation in the group - null(K1, U1, U2, U3, U4, U5, U6, W1) ; LECTURE: Oral test - null(U1, U2, U3, U4, U5, U6, W1, W2)

Number of ECTS points: 1
Language of instruction: English
Introductory courses: Internal medicine, pathophysiology, pathomorphology, pharmacology, infectious diseases

Preliminary requirements:
 Student has a general knowledge on pathophysiology, diagnosis and treatment of chronic diseases that may lead to the end-stage failure of organs that may be the subjects of transplantation. Student has also the knowledge of hematologic disorders that may be an indication for allogenic and autologous stem cell transplantation.

Name of the organizational unit offering the course:
 Katedra Chorób Wewnętrznych,
Person in charge of the course:
 prof. dr hab. n. med. Tomasz Stompór,
Course coordinators:

Notes:

Detailed description of the awarded ECTS points - part B

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The awarded number of ECTS points is composed of:

1. Contact hours with the academic teacher:

- participation in: classes	8 h.
- participation in: lecture	12 h.
- consultation	2 h.
	22 h.

2. Student's independent work:

- expands the medical knowledge of transplantation based on up-to-date medical literature	3 h.
	3 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 25 h : 25 h/ECTS = 1,00 ECTS
on average: **1 ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher:	0,88 ECTS points,
- including the number of ECTS points for hours completed in the form of the student's independent work:	0,12 ECTS points,