



48SJ-PBL28
ECTS: 0.48
CYCLE: 2022L

Course syllabus - part A Problem Based Learning (PBL) 2

SUBJECT MATTER CONTENT

CLASSES

Clinical problems of patients with spina bifida (elements of anatomy, embryology, orthopedics). Clinical problems of patients with dysfunction of CNS (elements of neuroanatomy, neurology, rehabilitation). Clinical problems of patients after muscle-skeletal system trauma (elements of anatomy, orthopedics, rehabilitation). Back pain (spine anatomy).

TEACHING OBJECTIVE

The student should familiarize himself/herself with the rules of a clinical ward. Developing communication skills within the group and in contact with a patient. To familiarize the student with the holistic nature of doctor-patient work and the principles of medical profession. The student should learn about the clinical problems of a child with spina bifida, central nervous system disorder, discopathy (including spinal anatomy) and after motor organ injuries.

DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:

Symbols for outcomes related to the discipline:

M/NMA_P7S_KR+++ , M/NMA_P7S_WG+++ ,
M/NMA_P7S_UW+++ , M/NM+++ ,
M/NMA_P7S_KO+++

Symbols for outcomes related to the field of study:

K.1.+ , D.U4.+ , M/NM_B.W25.+ , KA7_WG1+ ,
K.2.+ , M/NM_E.W30.+ , K.3.+ , M/NM_D.W8.+ , M/
NM_DW.16.+ , D.U15.+ , D.U5.+ , KA7_KR2+ ,
M/NM_D.W6.+ , KA7_WG13+ , A.U3.+ ,
M/NM_B.W20.+

LEARNING OUTCOMES:

Knowledge:

W1 - (B.W20) Knows and understands basics of stimulation and conduction in the nervous system; knows higher CNS functions, physiology of skeletal muscles, smooth muscles and blood functions;

W2 - (B.W25) Knows and understands the relationship between factors disturbing the balance of biological processes and physiological and pathophysiological changes.

W3 - (D.W6) Knows and understands the importance of verbal and non-verbal communication in the process of communication with a patient and the concept of trust in interaction with a patient.

W4 - (D.W8) Knows and understands the functioning of the health care system and the social role of a doctor.

W5 - (D.W16) Knows and understands the main concepts, theories and ethical principles serving as a general framework for properly

Legal acts specifying learning outcomes:
672/2020

Disciplines: medical sciences

Status of the

course:Obligatoryjny

Group of courses:B -

przedmioty kierunkowe

Code: ISCED 0912

Field of study:Medicine

Scope of education:

Profile of education:

General academic

Form of studies: full-time

Level of studies: uniform

master's studies

Year/semester: 1/2

Types of classes: Classes

Number of hours in

semester:Classes: 10.00

Language of

instruction:English

Introductory subject:

Prerequisites: Students joining the subject Problem Based Learning should have basic knowledge of anatomy, medical biology, embryology and ethics.

Name of the organisational unit conducting the

course:Katedra Rehabilitacji i Ortopedii

Person responsible for the realization of the

course:prof. dr hab. n. med. Ireneusz Kowalski

e-mail: rehab@uwm.edu.pl

Additional remarks:

Continuation and expansion of the program with semester I

interpreting and analysing moral-medical issues.

W6 - (E.W30) He knows and understands the concept of disability and invalidity.

W7 - Knows and understands the basics of conduct and interdisciplinary treatment of the patient in particular neurological and orthopedic problems

W8 -

Skills:

U1 - (D.U5) Can talk to the adult patient, the child, and the family employing the technique of active listening and expressing empathy, and discuss his/her life situation with the patient.

U2 - (D. U15) Can respect the patient's rights.

U3 - (A.U3) Can explain the anatomical grounds of physical examination.

U4 - (D.U4) Can build an atmosphere of trust over the whole diagnostic and therapeutic process.

Social competence:

K1 - (K.2) Student's decisions are guided by the well-being of the patient.

K2 - (K.1) Can establish and maintain a deep and respectful contact with the patient and demonstrate understanding of differences in worldview and culture.

K3 - (K.3) Obeys the medical confidentiality rule and respects patient rights.

K4 -

K5 - (KA7_KR2) Can inspire, be a leader and work in an interdisciplinary team in particular during the course of type PBL

TEACHING FORMS AND METHODS:

Classes(W1;W2;W3;W4;W5;W6;W7;W8;U1;U2;U3;U4;K1;K2;K3;K4;K5;): Discussion of clinical cases.

FORM AND CONDITIONS OF VERIFYING LEARNING

OUTCOMES:

Classes: Part in the discussion - Continuous assessment, assessment of discussion the classes, assessment of the self-study. The tutor evaluates an engagement and student's preparation for the meeting according to a scoring system: 1 - sufficient, 2 - good, 3 - very good. (W1;W2;W3;W4;W5;W6;W7;U1;U2;U3;U4;K1;K2;K3;K5;);

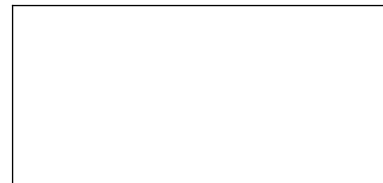
Classes: Evaluation of the work and cooperation in the group - The tutor evaluates an engagement and student's preparation for the meeting according to a scoring system: 1 - sufficient, 2 - good, 3 - very good. (W1;W2;W3;W4;W5;W6;W7;W8;U1;U2;U3;U4;K1;K2;K3;K4;K5;);

BASIC LITERATURE:

1. Kiwerski J., *Rehabilitacja medyczna*, Wyd. PZWL, Warszawa, R. 2007
2. Kwolek A. (red.):, *Rehabilitacja medyczna.*, Wyd. Wyd. Med. Urban i Partner, R. 2011
3. Kowalski I.M., Lewandowski R. (red.):, *Rehabilitacja dzieci i młodzieży - wybrane zagadnienia.*, Wyd. WSRDA, Olsztyn, R. 2001
4. Latkowski J.B., Lukas W. (red.):, *Medycyna rodzinna.*, Wyd. PZWL, Warszawa, R. 2009
5. Kowalski I.M., Hurło L., *Zaburzenia postawy ciała w wieku rozwojowym.*, Wyd. UWM, Olsztyn, R. 2001, 2003
6. Berkel von Henk, Scherpbier A., Hillen H., *Vleuten van der Cees.: Lessons from Problem-based Learning.*, Wyd. Wyd. Oxford University Press, R. 2010
7. Kowalski I.M., Lewandowski R. (red.):, *Rehabilitacja pediatryczna - wybrane zagadnienia.*, Wyd. WSRDA, Olsztyn, R. 2003
8. Grave de Willem, Moust J., Hommes J., *The role of the tutor in a problem based learning curriculum.*, Wyd. Wyd. Department of

SUPPLEMENTARY LITERATURE:

1. , *Journal: Ortopedia, Traumatologia, Rehabilitacja*, Wyd. , R. 2007-2018



Detailed description of ECTS credits awarded - part B

48SJ-PBL28

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Problem Based Learning (PBL) 2

The number of ECTS credits awarded consists of:

1. Contact hours with the academic teacher:

- participation in: Classes
- consultation

10.0 h

2.0

Total: 12.0 h.

2. Independent work of a student:

Total: 0 h

contact hours + independent work of a student Total: 12.0 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS credit = 12.0 h : 25.0 h/ECTS = 0.48 ECTS on average: 0.5 ECTS

- including the number of ECTS credits for contact hours with the direct participation of an academic teacher: 0,00 ECTS points,

- including the number of ECTS credits for hours of independent work of a student: