

SUBJECT CARD

Faculty of Medicine and Health Sciences

Field of studies: Medicine

Form of studies: Full-time

Degree: long-cycle Master's program

Specializations: No specialization

Academic year: 2022/2023

THREE-DIMENSIONAL ORGANIZATION OF THE BODY	
SUBJECT	Three-dimensional organization of the body
NUMBER OF ECTS POINTS	3
LANGUAGE OF INSTRUCTION	English
TEACHER(S)	Assoc. Professor Krzysztof Tomaszewski, MD, PhD Maciej Krupiński, MD, PhD Izabela Zamojska, MD, PhD Marcin Lipski, MD, PhD
PERSON RESPONSIBLE	Marcin Lipski, MD, PhD
NUMBER OF HOURS	
LECTURES	20 h
CLASSES	20 h
SEMINARS	4 h
GENERAL OBJECTIVES	
OBJECTIVE 1	Student describes the anatomical structures of the body. Familiarize with topography and description of the topography of the organs and its interpretation on MRI and CR scans.
LEARNING OUTCOMES	
MK1	Knowledge: After completing the course the student: In terms of knowledge: - uses the anatomical nomenclatures in Polish and in English - describes the structure of the human body in terms of topography and function - presents characteristic feature of three dimensional aspects of the body.
MS1	Skills: In terms of skills: - uses in spoken and in written anatomical nomenclatures in English - recognizes anatomical structures on cadavers - explains the anatomical basis for the physical examination - recognizes anatomical structures in images diagnostic (X-ray, CT, MRI, ultrasound).
MC1	Social Competency: In terms of social competencies manifests a respect for the corps.

THREE-DIMENSIONAL ORGANIZATION OF THE BODY

INTRODUCTORY REQUIREMENTS

Biology – secondary school.

COURSE PROGRAM

DETAILED DESCRIPTION OF THE TOPIC BLOCKS

LECTURE 1	Topography of the head: head spaces, main passages of the skull, cheeks layers, orbit, cavernous sinus, internal acoustic meatus, tympanic cavity, nasal cavity, temporal fossa, infratemporal fossa, pterygopalatine fossa, retropharyngeal space, topography of the neck – triangles. 2h
LECTURE 2	Topography of the thorax – boundaries, layers of the thoracic wall, intercostal space, organs projections on the thoracic wall, mediastinum – division. 2h
LECTURE 3	The relationship of the thoracic organs. Openings of the diaphragm. 2h
LECTURE 4	Topography of the abdomen: regions, organs projections on the abdominal wall, rectus sheath, inguinal canal. 2h
LECTURE 5	The retroperitoneal space, peritoneal cavity, root of the transverse mesocolon, omental bursa. The hepatoduodenal ligament, cystohepatic triangle, paracolic spaces, mesenteries. 2h
LECTURE 6	Topography of the lesser pelvis: subperitoneal space, perineal region, ischioanal fossa. 2h
LECTURE 7	Topography of the back: suboccipital triangle, superior and inferior lumbar triangles. 2h
LECTURE 8	Topography of the upper limb. 2h
LECTURE 9	Topography of the lower limb. 2h
LECTURE 10	Transverse section of the body. 2h
CLASS 1	The topography of the neck and head. The muscles, vessels and spaces. 3h
CLASS 2	The topography of the thorax. 3h
CLASS 3	The abdomen. Topography of the internal organs, spaces and vessels and its relations. 3h
CLASS 4	The topography of the lesser pelvis, internal organs, vessels and its relations. 3h
CLASS 5	The topography of the back – muscles relations, intermuscular spaces inc. the auscultatory triangle. 3h
CLASS 6	The topography of the upper limb. 3h
CLASS 7	The topography of the lower limb. 3h

THREE-DIMENSIONAL ORGANIZATION OF THE BODY	
CLASS 8	Dissection of the body. The head and neck, main incision in the dissection procedures. 3h
CLASS 9	Dissection of the body. The thorax, main incision in the dissection procedures. 3h
CLASS 10	Dissection of the body. The abdominal region, main incision in the dissection procedures. 3h
CLASS 11	Dissection of the body. The upper limb, main incision in the dissection procedures. 3h
CLASS 12	Dissection of the body. The lower limb, main incision in the dissection procedures. 3h
SEMINAR 1	The dissectional procedures and the rules of the dissection.
SEMINAR 2	The basics of the dissection in the regional anatomy.
DIDACTIC METHODS (APPLIED)	
	Lectures; Laboratory Classes; Work in teams; Multimedia presentations.
STUDENTS WORKLOAD	
NUMBER OF HOURS UNDER SUPERVISION	60 hours
NUMBER OF PREPARATION HOURS	Preparation for classes: 25 hours Preparation for the exam: 30 hours
TOTAL NUMBER OF HOURS FOR THE COURSE	115 hours
CONDITIONS FOR COURSE COMPLETION	
	Attendance of all lectures, classes and seminars + final exam
METHODS OF ASSESSMENT	
IN TERMS OF KNOWLEDGE	Oral questioning in classes, quizzes, written exams, dissection.
IN TERMS OF SKILLS	Practical exam recognition of anatomical details. Practical recognition of anatomical structures and dissection.
IN TERMS OF SOCIAL COMPETENCY	Respect to the body
FORMATIVE	In class quizzes, oral questioning
SUMMATIVE (I & II terms)	I term (EXAM): MCQ 100 questions II term (RETAKE EXAM): MCQ 100 questions

THREE-DIMENSIONAL ORGANIZATION OF THE BODY

GRADING SCALE

3,0 (SATISFACTORY)	55 – 59% correct answers
3,5 (SATISFACTORY PLUS)	60 – 69% correct answers
4,0 (GOOD)	70 – 79% correct answers
4,5 (GOOD PLUS)	80 – 89% correct answers
5,0 (VERY GOOD)	90 – 100% correct answers

BASIC LITERATURE

[1] Kyung W. Chung, Harold M. Chung. Gross Anatomy. Lippincott Williams & Wilkins, 2011.

SUPPLEMENTARY LITERATURE

[1] Keith L. Moore; Arthur F. Dalley; Anne M.R. Agur — *Clinically oriented anatomy*, Philadelphia, 2010, Wolters Kluwer.