UNIVERSITY OF NOVI SAD
FACULTY OF MEDICINE

Study program: Doctoral Academic Studies in Biomedical Sciences

Name of the subject: SURGICAL ANATOMY

Teacher(s): Mirela M. Erić, Dušica L. Marić, Biljana Đ. Srdić Galić, Siniša S. Babović, Bojana S. Krstonošić, Branislav V. Bajkin, Nikola M. Vučinić

Status of the subject: elective

Number of ЕСПБ points: 20

Condition: -

Goal of the subject

This elective course will enable the acquisition of essential knowledge and skills, as well as the development of scientific and critical thinking which is essential for independent research work and clinical practice. Students will become acquainted with the latest scientific knowledge in the field of clinical anatomy, which will be of great help in their further research education.

Outcome of the subject

Students will be trained in identifying and solving a scientific problem, using and adopting scientifically established facts in clinical work (especially in surgical and related fields) and, above all, direct and original research work. Through lectures and practical work, students will learn to follow and analyze contemporary scientific literature, develop their own ideas, conduct original research, present results of work at scientific and professional meetings, in scientific journals, be open to interdisciplinary collaboration, in the future share their knowledge to the younger colleagues. Under the guidance of the mentor, the student will go through all phases of the research work within the scientific investigation. The acquired knowledge and obtained results will be used to write and defend the doctoral dissertation.

Content of the subject

Theoretical lectures

Principles in Anatomy: terminology, anatomical position, planes, movements, tissues; Surgical anatomy of the head and neck; Surgical anatomy of the upper limb; Surgical anatomy of the lower limb; Surgical anatomy of the chest walls; Surgical anatomy of the chest organs; Surgical anatomy of the abdominal walls; Surgical anatomy of the abdominal organs; Surgical anatomy of the pelvic walls; Surgical anatomy of the pelvic organs; Surgical approach - open and minimally invasive; Anatomical complications during routine surgical procedures

Practical lectures

Surgical anatomy of the head and neck; Surgical anatomy of the upper limb; Surgical anatomy of the lower limb; Surgical anatomy of the chest walls; Surgical anatomy of the chest organs; Surgical anatomy of the abdominal walls; Surgical anatomy of the abdominal organs; Surgical anatomy of the pelvic walls; Surgical anatomy of the pelvic organs

Recommended literature

Compulsory

1. Brennan AP, Standring MS, Wiseman MS. Gray`s Surgical Anatomy. 1st ed. London: Elsevier, 2020.
2. Skandalakis JL, Skandalakis JE, Skandalakis PN. Surgical anatomy and technique: A Pocket Manual, 3rd ed. New York: Springer, 2009.
3. Snell RS. Clinical anatomy by regions, 9th ed. Baltimore: Lippincott Williams & Wilkins, 2012.
4. Masquelet AC. An atlas of surgical anatomy. London and New York: Taylor & Francis, 2005.
5. Moore KL, Dalley AF, Agur AMR. Clinically oriented anatomy, 6th ed. Baltimore: Lippincott Williams & Wilkins, 2010.

Additional

1. Moore KL, Agur AMR. Dalley AF. Essential clinical anatomy, 4th ed. Baltimore: Lippincott Williams & Wilkins, 2011.
2. Tank PW. Grant's dissector, 15th ed. Baltimore: Lippincott Williams & Wilkins, 2013.
3. Standring S. Gray's anatomy, 40th ed. Elsevier: Churcill Livingstone, 2008.

Number of active classes	**Theory**: 60	**Practice**: 45

Methods of delivering lectures: lectures and laboratory works

Evaluation of knowledge (maximum number of points 100)

lectures: 15
practices: 25
essay: 20
written exam : 40