[Medicinski fakultet u Rijeci]

Curriculum
2022/2023

[Za kolegij]

Clinical Anatomy of the Pelvis and Inguinal Region

Study program:	**Medical Studies in English (R)** (elective) [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Zavod za anatomiju]**
Course coordinator:	**prof. dr. sc. Marić Ivana, dr. med.**
Year of study:	**1**
ECTS:	**1.5**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**No**

Course information:

The course is intended for medical students who want to expand their knowledge of the anatomy of the pelvis and inguinal region in the field of clinical anatomy. The goal is to renew knowledge of pelvic anatomy and to acquaint students with important clinical aspects of pelvic anatomy that will be used in their clinical training. Upon completion of this course, the student will be able to describe and spatially place the organs of the small pelvis, see the importance of the structure and topography of the organs in understanding the development of the disease and its symptoms, establishing the diagnosis and surgical treatment of the disease.

After taking the course, students will know:

- list the muscles of the abdominal wall and the muscles of the pelvis
- explain the starting points, grips and function of the muscles of the abdominal wall and pelvis
- explain the sheaths of the rectus abdominis muscle and the inguinal ligament
- explain the boundaries and content of the inguinal canal
- understand testicular descent during intrauterine development
- understand the mechanism of inguinal hernia formation
- understand the difference between direct and indirect inguinal hernia and femoral hernia
- list the branches of the internal iliac artery
- explain the venous plexuses of the rectum
- describe the external and internal appearance of the pelvic organs
- understand the topographic relationships in the pelvis

By repeating and studying the anatomy of these regions and organs, students will learn to apply knowledge of topographical anatomy in clinical practice. The students will apply the acquired knowledge from this subject during further education and work in clinical practice, especially in the field of surgery, gynecology and urology.

Presentation of clinical problems in the pelvis and inguinal region and their explanation based on anatomical knowledge: incontinence, uterine prolapse, infertility, hemorrhoids, hernias.

Review of frequent diseases in the pelvis and inguinal region: tumor and inflammatory diseases of the pelvic organs, hernias - occurrence and treatment, strengthening and weakening of the inguinal canal.

Anatomy of the organs of the small pelvis: male and female genitalia (organa genitalia masculina et feminina), rectum, urinary bladder (vesica urinaria).

Description of individual pelvic organs: structure, vascularization, innervation and topography.

Anatomy of the inguinal region: description of the structure of the anterior abdominal wall, inguinal and femoral canals.

List of assigned reading:

1. Paulsen F., Bockers TM., Waschke J. Sobotta Anatomy Textbook, 1 st Edition.

2. Drake R, Wayne Vogl A., Mitchell AWM. Gray's Anatomy for Students. Elsevier, 2019.

3. Sobotta , Atlas of human anatomy, Vol. 2, Urban & Schwarzenberg, Munich, 1989.

4. Netter FH. Netter Atlas of Human Anatomy: Classic Regional Approach. Elsevier, 2022.

5. Gilroy AM, McPherson BR, Wikenheiser J. Atlas of Anatomy. Thieme Medical Publishers Inc, 2020.

List of optional reading:

1. Moor KL. Clinically oriented anatomy. Williams & Wilkins, Baltimore, 1992. 3 rd edition.

2. Gray’s anatomy: The anatomical basis of clinical practice. Elsevier, Churchill Livingstone, Edinburgh, 2005.

3. Seeley RR, Stephens TD, Tate P: Anatomy & Physiology. McGraw-Hill Companies, Inc, Boston, 2003, 6 th edition.

Curriculum:

Student obligations:

Students are required to regularly attend classes, study the assigned literature and continuously solve clinical problems related to the course content. Students have the opportunity to work individually with the teacher.

Exam (exam taking, description of the written/oral/practical part of the exam, point distribution, grading criteria):

Other notes (related to the course) important for students:

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COURSE HOURS 2022/2023

Clinical Anatomy of the Pelvis and Inguinal Region

List of lectures, seminars and practicals:

EXAM DATES (final exam):
