[Medicinski fakultet u Rijeci]

Curriculum
2024/2025

[Za kolegij]

Precancerous Breast Disease

Study program:	**Medical Studies in English (R)** (elective) [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Zavod za opću patologiju i patološku anatomiju]**
Course coordinator:	**izv. prof. dr. sc. Avirović Manuela, dr. med.**
Year of study:	**3**
ECTS:	**1.5**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

MS Teams code: a6o17ql

The elective course Precancerous Breast Disease has the role of introducing students to the steps in the development of neoplastic changes in the breast, the phenotypic and genotypic similarities of precancerous lesions, the difference between risk and precursor lesions, and the histological, cytological and radiological characteristics of these lesions. They will also learn about clinical procedures for such lesions, including surgery.

List of assigned reading:

Ppt presentations and scientific papers used in seminar presentations

List of optional reading:

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Curriculum:

[Predavanja] list (with titles and explanation):

Precancerous breast lesions: B3 lesions from the pathological aspect

Defining risk lesions and precursor lesions. Lesions without risk, low risk and moderate risk for the development of invasive breast cancer. Morphology of risk lesions. Clinical significance of risk lesion recognition.

Preinvasive breast lesions

DCIS and LCIS. Risk of invasive cancer. Clinical significance of in situ lesions.

B3 lesions: radiologist view

B3 lesions

Surgical approach in breast diseases

Surgical approach in breast diseases

Cytological analysis of breast lesions

Cytological analysis of breast lesions

Anesthesiologist's view and procedures

Anesthesiologist's view and procedures

[Seminari] list (with titles and explanation):

Breast cancer detection methods

Inspection and self-examination methods, medical examination, radiological imaging methods..

Breast microcalcifications

Differentiation of benign from malignant microcalcifications in the breast

Students presentations

Core needle breast biopsy; benign breast diseases; Benign breast diseases and recent alcohol consumption; hormone replacement therapy; obesity and breast cancer risk; meat consumption and breast cancer risk.

Slide seminar of breast lesions

Slide seminar of breast lesions, interactive

Final repetition and exam

The last lesson of repeating what you have learned and the exam

Student obligations:

Attendance of 70% of classes, the presentation of the seminar work and the final exam

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

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

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COURSE HOURS 2024/2025

Precancerous Breast Disease

[Predavanja] (Place and time or group)	**[Seminari]** (Place and time or group)
27.11.2024	
Precancerous breast lesions: B3 lesions from the pathological aspect: • [P14 - PATOLOGIJA predavaonica] (14:15 - 16:00) [508] ◦ pbd	
izv. prof. dr. sc. Avirović Manuela, dr. med. [508]	
28.11.2024	
Precancerous breast lesions: B3 lesions from the pathological aspect: • [P14 - PATOLOGIJA predavaonica] (16:15 - 17:00) [508] ◦ pbd	
izv. prof. dr. sc. Avirović Manuela, dr. med. [508]	
29.11.2024	
B3 lesions: radiologist view: • [KBC Rijeka - Radiologija] (09:15 - 11:00) [281] ◦ pbd	
izv. prof. dr. sc. Valković Zujić Petra, dr. med. [281]	
06.12.2024	

Cytological analysis of breast lesions:
• [P14 - PATOLOGIJA predavaonica] (14:15 - 15:45) [1785]
  ◦ pbd
 	
Surgical approach in breast diseases:
• [Kirurgija Rijeka - Predavaona] (15:00 - 16:30) [486]
  ◦ pbd	

prof. dr. sc. Grebić Damir, dr. med. [486] · nasl. doc. dr. sc. Rajković Molek Koraljka, dr. med. [1785]	
10.12.2024	
Preinvasive breast lesions: • [Patologija - Vježbaonica] (09:15 - 10:00) [508] ◦ pbd	
izv. prof. dr. sc. Avirović Manuela, dr. med. [508]	
13.12.2024	
	Slide seminar of breast lesions: • [P14 - PATOLOGIJA predavaonica] (16:15 - 17:00) [508] ◦ pbd
izv. prof. dr. sc. Avirović Manuela, dr. med. [508]	
17.12.2024	
	Students presentations: • [P14 - PATOLOGIJA predavaonica] (16:15 - 18:30) [508] ◦ pbd

izv. prof. dr. sc. Avirović Manuela, dr. med. [508]	
18.12.2024	
	Slide seminar of breast lesions: • [knjižnica Kliničkog zavoda za patologiju i citologiju] (14:15 - 16:30) [508] ◦ pbd
izv. prof. dr. sc. Avirović Manuela, dr. med. [508]	
17.01.2025	
	Breast microcalcifications: • [knjižnica Kliničkog zavoda za patologiju i citologiju] (09:15 - 11:00) [508] ◦ pbd
izv. prof. dr. sc. Avirović Manuela, dr. med. [508]	
22.01.2025	
	Breast cancer detection methods: • [knjižnica Kliničkog zavoda za patologiju i citologiju] (09:15 - 11:00) [508] ◦ pbd
izv. prof. dr. sc. Avirović Manuela, dr. med. [508]	
23.01.2025	
	Slide seminar of breast lesions: • [knjižnica Kliničkog zavoda za patologiju i citologiju] (16:00 - 17:30) [508] ◦ pbd
izv. prof. dr. sc. Avirović Manuela, dr. med. [508]	
24.01.2025	
	Final repetition and exam: • [P14 - PATOLOGIJA predavaonica] (14:15 - 16:00) [508] ◦ pbd
izv. prof. dr. sc. Avirović Manuela, dr. med. [508]	

List of lectures, seminars and practicals:

[PREDAVANJA] (TOPIC)	Number of hours	Location
Precancerous breast lesions: B3 lesions from the pathological aspect	2	[P14 - PATOLOGIJA predavaonica]
Preinvasive breast lesions	1	[Patologija - Vježbaonica]
B3 lesions: radiologist view	2	[KBC Rijeka - Radiologija]
Surgical approach in breast diseases	2	[Kirurgija Rijeka - Predavaona]
Cytological analysis of breast lesions	1	[P14 - PATOLOGIJA predavaonica]
Anesthesiologist's view and procedures	2	

[SEMINARI] (TOPIC)	Number of hours	Location
Breast cancer detection methods	3	[knjižnica Kliničkog zavoda za patologiju i citologiju]

Breast microcalcifications	3	[knjižnica Kliničkog zavoda za patologiju i citologiju]
Students presentations	3	[P14 - PATOLOGIJA predavaonica]
Slide seminar of breast lesions	3	[P14 - PATOLOGIJA predavaonica] [knjižnica Kliničkog zavoda za patologiju i citologiju]
Final repetition and exam	3	[P14 - PATOLOGIJA predavaonica]

EXAM DATES (final exam):
