[Medicinski fakultet u Rijeci]

Curriculum
2023/2024

[Za kolegij]

Surgery of malignant breast diseases

Study program:	**Medical Studies in English (R)** (elective) [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Katedra za kirurgiju]**
Course coordinator:	**prof. dr. sc. Grebić Damir, dr. med.**
Year of study:	**5**
ECTS:	**1.5**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

Elective subject for students that wont to know more about breast cancer (about diagnostic and therapeutical procedures)

List of assigned reading:

Fajdić J, Džepina I. Kirurgija dojke, Školska knjiga, zagreb, 2006. + power point lectures

List of optional reading:

Josip Fajdić i sur. Suvremena dijagnostika bolesti dojke, Medicinska naklada, Zagreb, 2001. + scientific original or review papers published and available on pubmed

Curriculum:

[Predavanja] list (with titles and explanation):

Etiology, patogenesis, diagnostic procedures of breast cancer. Risik factors of disease

Informed students abdout early diagnostic procedures and risik factors and about etiology and patogenesis of breast cancer. Some information about precancerous breast laesion that students shoud know.

Surgery of breast cancer

The aim of lecture is to show the possibilities of surgical therapy of breast cancer. Types of breast operations

Radioterapy as therapeutical approach for breast cancer

The aim of lecture is to inform students about indications for radiotherapy approach for breast cancer treatment

Chemotherapy of breast cancer. Adjuvant and neoadjuvant approach treatment.

The aim of lecture is to show the indications for adjuvant and for neoadjuvant chemotherapeutic approach for treatment of breast cancer.

[Seminari] list (with titles and explanation):

Breast reconstruction

Th aim of seminar is to show the ways and possibilities of breast reconstruction techniques after mastectomy

Hereditary breast cancer and prophylactic mastectomy

The aim of seminar is to inform students about indication for genetic testing for hereditary breast cancer and about indications for prophylactic mastectomy

Recidiv and metastatic breast cancer, treatment options. Prognostic factors of breast cancer. Follow up of patients with breast cancer.

The aim of seminar is to inform students abut treatment options for recidiv and metastatic disease, whether surgical treatment or oncological approach. Some informations about control procedures and follow up of breast cancer patients as well as about prognostic factors.

[Vježbe] list (with titles and explanation):

Breast conserving surgery. Indications for sentinel lymph node biopsy

The aim of this practice exercise is to inform student abdout indication for breast conserving approach or mastectomy procedures as well as for indications for sentinel lymph node biopsy

Assisting in breast surgery procedures (part 1)

The aim of this practice exercise is active students' assisting in breast surgical techniques.

Assisting in breast surgeries techniques (part 2.)

The aim of this practice is active students' assisting of different surgical techniques for breast cancer in operating room

Student obligations:

Regular attendance of lectures, seminars and practice is obligated

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

All students who have attended lectures may take the oral exam.

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

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COURSE HOURS 2023/2024

Surgery of malignant breast diseases

[Predavanja] (Place and time or group)	**[Vježbe]** (Place and time or group)	**[Seminari]** (Place and time or group)
23.02.2024		
Etiology, patogenesis, diagnostic procedures of breast cancer. Risik factors of disease: • [Kirurgija Rijeka - Predavaona] (10:00 - 12:00) [486] ○ SOMBD		Breast reconstruction: • [Kirurgija Rijeka - Predavaona] (12:00 - 15:00) [486] ○ SOMBD
prof. dr. sc. Grebić Damir, dr. med. [486]		
04.03.2024		
Surgery of breast cancer: • [Kirurgija Rijeka - Predavaona] (13:00 - 16:00) [486] ○ SOMBD		Hereditary breast cancer and prophylactic mastectomy: • [Kirurgija Rijeka - Predavaona] (16:00 - 19:00) [486] ○ SOMBD
prof. dr. sc. Grebić Damir, dr. med. [486]		
06.03.2024		
	Assisting in breast surgery procedures (part 1): • [Kirurgija Rijeka - Predavaona] (13:00 - 16:00) [486] ○ SOMBD	
prof. dr. sc. Grebić Damir, dr. med. [486]		
11.03.2024		
Radioterapy as therapeutical approach for breast cancer: • [Kirurgija Rijeka - Predavaona] (13:00 - 15:00) [486] ○ SOMBD		Recidiv and metastatic breast cancer, treatment options. Prognostic factors of breast cancer. Follow up of patients with breast cancer.: • [Kirurgija Rijeka - Predavaona] (15:00 - 18:00) [486] ○ SOMBD
prof. dr. sc. Grebić Damir, dr. med. [486]		
13.03.2024		
	Assisting in breast surgery procedures (part 1): • [Kirurgija Rijeka - Predavaona] (13:00 - 16:00) [486] ○ SOMBD	
prof. dr. sc. Grebić Damir, dr. med. [486]		
14.03.2024		

	Breast conserving surgery. Indications for sentinel lymph node biopsy: • [Kirurgija Rijeka - Predavaona] (13:00 - 16:00) [486] ◦ SOMBD	
prof. dr. sc. Grebić Damir, dr. med. [486]		
21.03.2024		
	Assisting in breast surgery procedures (part 1): • [Kirurgija Rijeka - Predavaona] (12:00 - 15:00) [486] ◦ SOMBD	
prof. dr. sc. Grebić Damir, dr. med. [486]		
25.03.2024		
Chemotherapy of breast cancer. Adjuvant and neoadjuvant approach treatment.: • [Kirurgija Rijeka - Predavaona] (09:00 - 11:00) [486] ◦ SOMBD		
prof. dr. sc. Grebić Damir, dr. med. [486]		
27.03.2024		
	Assisting in breast surgeries techniques (part 2.): • [Kirurgija Rijeka - Predavaona] (09:00 - 12:00) [486] ◦ SOMBD	
prof. dr. sc. Grebić Damir, dr. med. [486]		
04.04.2024		
	Assisting in breast surgeries techniques (part 2.): • [Kirurgija Rijeka - Predavaona] (09:00 - 12:00) [486] ◦ SOMBD	
prof. dr. sc. Grebić Damir, dr. med. [486]		

List of lectures, seminars and practicals:

[PREDAVANJA] (TOPIC)	Number of hours	Location
Etiology, patogenesis, diagnostic procedures of breast cancer. Risik factors of disease	2	[Kirurgija Rijeka - Predavaona]
Surgery of breast cancer	3	[Kirurgija Rijeka - Predavaona]
Radioterapy as therapeutical approach for breast cancer	2	[Kirurgija Rijeka - Predavaona]

Chemotherapy of breast cancer. Adjuvant and neoadjuvant approach treatment.	2	[Kirurgija Rijeka - Predavaona]

[VJEŽBE] (TOPIC)	Number of hours	Location
Breast conserving surgery. Indications for sentinel lymph node biopsy	6	[Kirurgija Rijeka - Predavaona]
Assisting in breast surgery procedures (part 1)	6	[Kirurgija Rijeka - Predavaona]
Assisting in breast surgeries techniques (part 2.)	6	[Kirurgija Rijeka - Predavaona]

[SEMINARI] (TOPIC)	Number of hours	Location
Breast reconstruction	3	[Kirurgija Rijeka - Predavaona]
Hereditary breast cancer and prophylactic mastectomy	3	[Kirurgija Rijeka - Predavaona]
Recidiv and metastatic breast cancer, treatment options. Prognostic factors of breast cancer. Follow up of patients with breast cancer.	3	[Kirurgija Rijeka - Predavaona]

EXAM DATES (final exam):