

Faculty of Medicine in Rijeka

**Curriculum
2023/2024**

For course

Surgery of malignant breast diseases

Study program:	Medical Studies in English (R) (elective) University integrated undergraduate and graduate study
Department:	Department of Surgery
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 want 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:

Lectures list (with titles and explanation):

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

Informed students about early diagnostic procedures and risk factors and about etiology and pathogenesis of breast cancer. Some information about precancerous breast lesion that students should 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.

Seminars list (with titles and explanation):

Breast reconstruction

The 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 about 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.

Practicals list (with titles and explanation):

Breast conserving surgery. Indications for sentinel lymph node biopsy

The aim of this practice exercise is to inform student about 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

Lectures (Place and time or group)	Practicals (Place and time or group)	Seminars (Place and time or group)
23.02.2024		
Etiology, patogenesis, diagnostic procedures of breast cancer. Risk factors of disease: • Surgery Rijeka - Lecturer (10:00 - 12:00) [486] ◦ SOMBD		Breast reconstruction: • Surgery Rijeka - Lecturer (12:00 - 15:00) [486] ◦ SOMBD
prof. dr. sc. Grebić Damir, dr. med. [486]		
04.03.2024		
Surgery of breast cancer: • Surgery Rijeka - Lecturer (13:00 - 16:00) [486] ◦ SOMBD		Hereditary breast cancer and prophylactic mastectomy: • Surgery Rijeka - Lecturer (16:00 - 19:00) [486] ◦ SOMBD
prof. dr. sc. Grebić Damir, dr. med. [486]		
06.03.2024		
	Assisting in breast surgery procedures (part 1): • Surgery Rijeka - Lecturer (13:00 - 16:00) [486] ◦ SOMBD	
prof. dr. sc. Grebić Damir, dr. med. [486]		
11.03.2024		
Radioterapy as therapeutical approach for breast cancer: • Surgery Rijeka - Lecturer (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.: • Surgery Rijeka - Lecturer (15:00 - 18:00) [486] ◦ SOMBD
prof. dr. sc. Grebić Damir, dr. med. [486]		
13.03.2024		
	Assisting in breast surgery procedures (part 1): • Surgery Rijeka - Lecturer (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: • Surgery Rijeka - Lecturer (13:00 - 16:00) [486] ◦ SOMBD	

prof. dr. sc. Grebić Damir, dr. med. [486]		
21.03.2024		
	Assisting in breast surgery procedures (part 1): • Surgery Rijeka - Lecturer (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.: • Surgery Rijeka - Lecturer (09:00 - 11:00) [486] ◦ SOMBD		
prof. dr. sc. Grebić Damir, dr. med. [486]		
27.03.2024		
	Assisting in breast surgeries techniques (part 2.): • Surgery Rijeka - Lecturer (09:00 - 12:00) [486] ◦ SOMBD	
prof. dr. sc. Grebić Damir, dr. med. [486]		
04.04.2024		
	Assisting in breast surgeries techniques (part 2.): • Surgery Rijeka - Lecturer (09:00 - 12:00) [486] ◦ SOMBD	
prof. dr. sc. Grebić Damir, dr. med. [486]		

List of lectures, seminars and practicals:

LECTURES (TOPIC)	Number of hours	Location
Etiology, patogenesis, diagnostic procedures of breast cancer. Risik factors of disease	2	Surgery Rijeka - Lecturer
Surgery of breast cancer	3	Surgery Rijeka - Lecturer
Radioterapy as therapeutical approach for breast cancer	2	Surgery Rijeka - Lecturer
Chemotherapy of breast cancer. Adjuvant and neoadjuvant approach treatment.	2	Surgery Rijeka - Lecturer

PRACTICALS (TOPIC)	Number of hours	Location
Breast conserving surgery. Indications for sentinel lymph node biopsy	6	Surgery Rijeka - Lecturer
Assisting in breast surgery procedures (part 1)	6	Surgery Rijeka - Lecturer
Assisting in breast surgeries techniques (part 2.)	6	Surgery Rijeka - Lecturer

SEMINARS (TOPIC)	Number of hours	Location
Breast reconstruction	3	Surgery Rijeka - Lecturer
Hereditary breast cancer and prophylactic mastectomy	3	Surgery Rijeka - Lecturer
Recidiv and metastatic breast cancer, treatment options. Prognostic factors of breast cancer. Follow up of patients with breast cancer.	3	Surgery Rijeka - Lecturer

EXAM DATES (final exam):
