

Plan of the course

Surgery Integrated Course

Academic year **2016/2017**

izv. prof. dr. sc. Davor Mijatović

I. COURSE AIMS

- To provide students with an introduction to the scope of surgery in the management of human disease, and the role of surgery in the treatment of pathology within the various systems of the body
- To provide the student with a solid foundation in the general topics of General Surgery and some of the surgical specialties
- To provide a broad clinical exposure in a variety of clinical settings to teach the surgical principles
- To provide each student with first hand bedside, ambulatory clinic, and operating room experience with surgical patients
- To teach a systematic approach to the diagnostic work-up and evaluation of these patients. Emphasis is placed on the understanding of disease processes as they relate to basic science principles, as well as on the diagnosis, operative treatment, postoperative management, and rehabilitation of surgical patients.
- To direct and guide them to focus on the prime importance of patient care.

LEARNING OUTCOMES

At the end of the course students should be able to:

- Perform a comprehensive history and physical examination as well as a focused examination as it pertains to surgical problems, i.e. emphasis on abdominal, vascular and thoracic with breast examinations, the systematic approach to the trauma patient
- Integrate the basic sciences with clinical experiences
- Focus on formation of differential diagnoses and work-up and begin to understand treatment
- Know how and when to refer a surgical patient
- Focus on principles of management rather than on procedural details
- Develop specific motor skills utilized in surgery
- Demonstrate ability to scrub, gown, and glove, and maintain proper sterile techniques in the surgical setting.
- Demonstrate knowledge of and proper usage of commonly used surgical instruments
- Perform introductory surgical skills (OSCE):
- Primary wound management, suturing lacerations and surgical wounds
- Surgical dressings
- Removal of sutures, drains and tubes
- Demonstrate indications for and insertion of nasogastric tube and daily care

II. COURSE STRUCTURE

Course hours:

Lectures: 20

Seminar: 30

Special clinical practicals: 120

Total hours: 170

Surgery - integrated course (*General surgery + pediatric surgery + neurosurgery*)

The surgical course is a six-week program with content organized in three different parts. During first two weeks students have mostly classroom activities. Third week is introduction to surgery clinic (ward and OR) while fourth week is performed in operating room. Fifth and sixth week are neurosurgery and pediatric surgery.

Lectures (L): General surgery **20 h** + pediatric surgery 5h = **25h**

Seminars (S): General surgery **30 h** + pediatric surgery 5h + neurosurgery 8h = **43h**

Practicals (P): General surgery **120 h** + pediatric surgery 5h + neurosurgery 7h = **132h**

Total: General surgery 170h + Pediatric surgery 15h + Neurosurgery 15h = 200h

Students' office in Old Educational Center, Rebro, coordinates the required administrative back-up for the course. For more information, call Students' office Rebro at 01/2422-192 or send an e-mail to: dagmar.stafa@mef.hr

III. PLAN OF THE COURSE AND COURSE SCHEDULE

BLOCKS OF THE COURSE

Number of blocks: **1**

Block number	Start	End
1.	16.1.2017	24.2.2017

BLOCKS OF THE COURSE SCHEME

Block 1

Date	Time	Group	Course hours type	Theme	Teaching staff
Monday 16.1.2017.	09:30-10:15; KBC, Kirurgija, Predavaonica	All	Lectures	Fractures: diagnosis & treatment	dr. sc. Ivan Dobrić
	10:15-11:00; KBC, Kirurgija, Predavaonica	All	Lectures	Spine injuries	dr. sc. Tonisav Antoljak
	11:00-11:45; KBC, Kirurgija, Predavaonica	All	Lectures	Limb elongation & joint dislocations	dr. sc. Tonisav Antoljak
	12:00-12:45; KBC, Kirurgija, Predavaonica	All	Lectures	General and regional anesthesia	doc. dr. sc. Ante Sekulić
	12:45-13:30; KBC, Kirurgija, Predavaonica	All	Seminar	1. Bandages, surgical instruments, suturing materials	dr. sc. Ivan Dobrić
	13:30-14:15; KBC, Kirurgija, Predavaonica	All	Seminar	2. Methods of immobilizations in traumatology & closed treatment of fractures	Tomislav Žigman, dr. med.
Tuesday 17.1.2017.	09:30-10:15; KBC, Kirurgija, Predavaonica	All	Lectures	Osteomyelitis	dr. sc. Tonisav Antoljak
	10:15-11:00; KBC, Kirurgija, Predavaonica	All	Lectures	Pelvic injuries	dr. sc. Ivan Dobrić
	11:00-11:45; KBC, Kirurgija, Predavaonica	All	Lectures	Joint luxation	dr. sc. Ivan Dobrić
	12:00-12:45; KBC, Kirurgija, Predavaonica	All	Seminar	3. Polytrauma	dr. sc. Tonisav Antoljak
	12:45-13:30; KBC, Kirurgija, Predavaonica	All	Lectures	Hepatic surgery & transplantation	Igor Petrović
	13:30-14:15; KBC, Kirurgija, Predavaonica	All	Lectures	Ileus	Igor Petrović
	14:15-15:00; KBC, Kirurgija, Predavaonica	All	Lectures	Stomach and duodenum	dr. sc. Goran Augustin
Wednesday 18.1.2017.	09:15-10:00; KBC, Kirurgija, Predavaonica	All	Seminar	Preoperative case presentation – Abdominal surgery	dr. sc. Goran Augustin
	10:00-10:45; KBC, Kirurgija, Predavaonica	All	Lectures	Colorectal cancer & Inflammatory bowel disease	dr. sc. Goran Augustin
	10:45-11:30; KBC, Kirurgija, Predavaonica	All	Seminar	7. Spleen	dr. sc. Goran Augustin
	11:30-12:15; KBC, Kirurgija, Predavaonica	All	Lectures	Biliary tract surgery	Igor Petrović
	12:30-13:15; KBC, Kirurgija, Predavaonica	All	Seminar	5. Acute abdomen	Petar Matošević

Date	Time	Group	Course hours type	Theme	Teaching staff
	13:15-14:00; KBC, Kirurgija, Predavaonica	All	Seminar	6. Anal and anorectal region diseases	dr. sc. Hrvoje Silovski
	14:00-14:45; KBC, Kirurgija, Predavaonica	All	Seminar	4. Hernias, appendicitis & laparoscopic surgery	Ognjan Deban
Thursday 19.1.2017.	09:15-10:00; KBC, Kirurgija, Predavaonica	All	Seminar	Preoperative case presentation – Cardiac surgery	dr. sc. Tomislav Kopjar
	10:00-10:45; KBC, Kirurgija, Predavaonica	All	Lectures	Ischemic heart disease, valvular heart disease & valvular replacement: biological or prosthetic valve	doc. dr. sc. Hrvoje Gašparović
	10:45-11:30; KBC, Kirurgija, Predavaonica	All	Lectures	Heart transplantation	dr. sc. Igor Rudež
	11:30-12:15; KBC, Kirurgija, Predavaonica	All	Seminar	8.Thoracic aortic aneurysms and dissections, Surgical treatment of infective endocarditis	dr. sc. Igor Rudež
	12:30-13:15; KBC, Kirurgija, Predavaonica	All	Lectures	Mediastenum diseases & chest injuries	izv. prof. dr. sc. Dinko Štanić-Rokotov
	13:45-14:30; KBC, Kirurgija, Predavaonica	All	Lectures	Lungs, pleurae & lung transplantation	dr. sc. Zoran Slobodnjak
	14:30-15:15; KBC, Kirurgija, Predavaonica	All	Lectures	Esophagus, diaphragm & toracoscopic surgery	dr. sc. Zoran Slobodnjak
Friday 20.1.2017.	09:15-10:00; KBC, Kirurgija, Predavaonica	All	Seminar	Preoperative case presentation – Cardiac surgery	dr. sc. Tomislav Kopjar
	10:00-10:45; KBC, Kirurgija, Predavaonica	All	Seminar	9. Congenital heart disease in adult & children	Dražen Belina, dr. med.
	10:45-11:30; KBC, Kirurgija, Predavaonica	All	Seminar	10. Extracorporeal circulation physiology & mechanical circulatory support	Dražen Belina, dr. med.
	11:45-12:30; KBC, Kirurgija, Predavaonica	All	Seminar	11. Pacemaker in cardiac surgery & surgical treatment of cardiac arrhythmias	dr. sc. Tomislav Kopjar
	12:30-13:15; KBC, Kirurgija, Predavaonica	All	Seminar	12. Surgery for heart failure	dr. sc. Tomislav Kopjar
Monday 23.1.2017.	09:15-10:00; KBC, Kirurgija, Predavaonica	All	Seminar	Preoperative case presentation – Vascular surgery	dr. sc. Tomislav Meštrović
	10:00-10:45; KBC, Kirurgija, Predavaonica	All	Lectures	Acute ischemia & vascular injuries	izv. prof. dr. sc. Mladen Petrunić
	10:45-11:30; KBC, Kirurgija, Predavaonica	All	Lectures	Chronic ischemia - arterial occlusive disease	izv. prof. dr. sc. Mladen Petrunić
	11:45-12:30; KBC, Kirurgija, Predavaonica	All	Seminar	13. Varicose veins: venous thrombosis	izv. prof. dr. sc. Mladen Petrunić
	12:30-13:15; KBC, Kirurgija, Predavaonica	All	Seminar	14. Aortic aneurysms & surgery of carotide arteries	izv. prof. dr. sc. Mladen Petrunić
	13:15-14:00; KBC, Kirurgija, Predavaonica	All	Seminar	15. Lower limb amputations	dr. sc. Tomislav Meštrović

Date	Time	Group	Course hours type	Theme	Teaching staff
Tuesday 24.1.2017.	09:30-10:15; KBC, Kirurgija, Predavaonica	All	Lectures	Burns & skin grafting: local flaps	izv. prof. dr. sc. Davor Mijatović
	10:15-11:00; KBC, Kirurgija, Predavaonica	All	Seminar	16. Melanoma	doc. dr. sc. Krešimir Bulić
	11:00-11:45; KBC, Kirurgija, Predavaonica	All	Seminar	17. Hand examination & hand injuries	doc. dr. sc. Krešimir Bulić
	11:45-12:30; KBC, Kirurgija, Predavaonica	All	Lectures	Hand transplantation	izv. prof. dr. sc. Davor Mijatović
Wednesday 25.1.2017.	09:15-10:00; KBC, Kirurgija, Predavaonica	All	Seminar	Preoperative case presentation – Plastic surgery	izv. prof. dr. sc. Davor Mijatović
	10:00-10:45; KBC, Kirurgija, Predavaonica	All	Seminar	18. Sex reassignment surgery	Sanda Smuđ Orehovec
	10:45-11:30; KBC, Kirurgija, Predavaonica	All	Seminar	19. Breast examination & diagnostic tools	izv. prof. dr. sc. Davor Mijatović
	11:30-12:15; KBC, Kirurgija, Predavaonica	All	Seminar	20. Breast tumors , sentinel lymphnode in breast cancer surgery, breast reconstruction with prosthetic material and autologous tissue	izv. prof. dr. sc. Davor Mijatović
	12:15-13:00; KBC, Kirurgija, Predavaonica	All	Seminar	21. Facial & breast aesthetic surgery , lipofilling in plastic surgery	Sanda Smuđ Orehovec
Monday 30.1.2017.	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 1	Group 2	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 2	Group 3	Special clinical practicals	Practicals operating room	Igor Petrović
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 4	Group 4	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 6	Group 5	Special clinical practicals	Practicals operating room	Sanda Smuđ Orehovec
	09:00-13:30; KBC, Kardiokirurgija, Sala	Group 6	Special clinical practicals	Practicals operating room	doc. dr. sc. Hrvoje Gašparović
	09:00-13:30; Jednodnevna kirurgija	Group 7	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	09:00-13:30; KBC, Torakalna kirurgija	Group 8	Special clinical practicals	Practicals operating room	Vedran Cesarec, dr. med.
	14:00-14:45; KBC, Kirurgija, Predavaonica	All	Seminar	Preoperative case presentation - Plastic surgery	izv. prof. dr. sc. Davor Mijatović
Tuesday 31.1.2017.	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 1	Group 3	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 3	Group 4	Special clinical practicals	Practicals operating room	dr. sc. Hrvoje Šilovski

Date	Time	Group	Course hours type	Theme	Teaching staff
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 4	Group 5	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 6	Group 6	Special clinical practicals	Practicals operating room	Sanda Smuđ Orehovec
	09:00-13:30; KBC, Kardiokirurgija, Sala	Group 7	Special clinical practicals	Practicals operating room	doc. dr. sc. Hrvoje Gašparović
	09:00-13:30; Jednodnevna kirurgija	Group 8	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	09:00-13:30; KBC, Torakalna kirurgija	Group 1	Special clinical practicals	Practicals operating room	Vedran Cesarec, dr. med.
	14:00-14:45; KBC, Kirurgija, Predavaonica	All	Seminar	Preoperative case presentation -Thoracic surgery	Vedran Cesarec, dr. med.
Wednesday 1.2.2017.	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 1	Group 4	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 2	Group 5	Special clinical practicals	Practicals operating room	Igor Petrović
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 4	Group 6	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 6	Group 7	Special clinical practicals	Practicals operating room	Sanda Smuđ Orehovec
	09:00-13:30; KBC, Kardiokirurgija, Sala	Group 8	Special clinical practicals	Practicals operating room	doc. dr. sc. Hrvoje Gašparović
	09:00-13:30; Jednodnevna kirurgija	Group 1	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	09:00-13:30; KBC, Torakalna kirurgija	Group 2	Special clinical practicals	Practicals operating room	Vedran Cesarec, dr. med.
	14:00-14:45; KBC, Kirurgija, Predavaonica	All	Seminar	Preoperative case presentation -Trauma surgery	dr. sc. Ivan Dobrić
Thursday 2.2.2017.	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 1	Group 5	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 3	Group 6	Special clinical practicals	Practicals operating room	dr. sc. Hrvoje Silovski
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 4	Group 7	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 6	Group 8	Special clinical practicals	Practicals operating room	Sanda Smuđ Orehovec
	09:00-13:30; KBC, Kardiokirurgija, Sala	Group 1	Special clinical practicals	Practicals operating room	doc. dr. sc. Hrvoje Gašparović

Date	Time	Group	Course hours type	Theme	Teaching staff
	09:00-13:30; Jednodnevna kirurgija	Group 2	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	09:00-13:30; KBC, Torakalna kirurgija	Group 3	Special clinical practicals	Practicals operating room	Vedran Cesarec, dr. med.
	14:00-14:45; KBC, Kirurgija, Predavaonica	All	Seminar	Preoperative case presentation -Cardiac surgery	dr. sc. Tomislav Kopjar
Friday 3.2.2017.	08:30-14:30; KBD, Klinika za kirurgija, Operacijska sala	Group 2	Special clinical practicals	Practicals operating room	dr. sc. Igor Rudež
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 1	Group 6	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 2	Group 7	Special clinical practicals	Practicals operating room	Igor Petrović
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 4	Group 8	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-13:30; KBC, Klinika za kirurgiju, Zavod 6	Group 1	Special clinical practicals	Practicals operating room	Sanda Smuđ Orehovec
	09:00-13:30; Jednodnevna kirurgija	Group 3	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	09:00-13:30; KBC, Torakalna kirurgija	Group 4	Special clinical practicals	Practicals operating room	Vedran Cesarec, dr. med.
	15:30-21:30; KBC, Hitna služba - kirurška	Group 3	Special clinical practicals	Practicals operating room	izv. prof. dr. sc. Davor Mijatović
Tuesday 7.2.2017.	08:30-14:30; KBD, Klinika za kirurgija, Operacijska sala	Group 3	Special clinical practicals	Practicals operating room	dr. sc. Igor Rudež
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 1	Group 7	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 3	Group 8	Special clinical practicals	Practicals operating room	dr. sc. Goran Augustin
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 4	Group 1	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 6	Group 2	Special clinical practicals	Practicals operating room	Anto Dujmović
	09:00-15:00; Jednodnevna kirurgija	Group 4	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	09:00-13:30; KBC, Torakalna kirurgija	Group 5	Special clinical practicals	Practicals operating room	Vedran Cesarec, dr. med.

Date	Time	Group	Course hours type	Theme	Teaching staff
	15:30-21:30; KBC, Hitna služba - kirurška	Group 4	Special clinical practicals	Practicals operating room	izv. prof. dr. sc. Davor Mijatović
Wednesday 8.2.2017.	08:30-14:30; KBD, Klinika za kirurgija, Operacijska sala	Group 4	Special clinical practicals	Practicals operating room	dr. sc. Igor Rudež
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 1	Group 8	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 3	Group 1	Special clinical practicals	Practicals operating room	dr. sc. Goran Augustin
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 4	Group 2	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 6	Group 3	Special clinical practicals	Practicals operating room	Anto Dujmović
	09:00-15:00; Jednodnevna kirurgija	Group 5	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	09:00-13:30; KBC, Torakalna kirurgija	Group 6	Special clinical practicals	Practicals operating room	Vedran Cesarec, dr. med.
	15:30-21:30; KBC, Hitna služba - kirurška	Group 5	Special clinical practicals	Practicals operating room	izv. prof. dr. sc. Davor Mijatović
	Thursday 9.2.2017.	08:30-14:30; KBD, Klinika za kirurgija, Operacijska sala	Group 5	Special clinical practicals	Practicals operating room
09:00-15:00; KBC, Klinika za kirurgiju, Zavod 1		Group 1	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić
09:00-15:00; KBC, Klinika za kirurgiju, Zavod 2		Group 2	Special clinical practicals	Practicals operating room	Igor Petrović
09:00-15:00; KBC, Klinika za kirurgiju, Zavod 4		Group 3	Special clinical practicals	Practicals operating room	Damir Halužan
09:00-15:00; KBC, Klinika za kirurgiju, Zavod 6		Group 4	Special clinical practicals	Practicals operating room	Anto Dujmović
09:00-15:00; Jednodnevna kirurgija		Group 6	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
09:00-13:30; KBC, Torakalna kirurgija		Group 7	Special clinical practicals	Practicals operating room	Vedran Cesarec, dr. med.
15:30-21:30; KBC, Hitna služba - kirurška		Group 6	Special clinical practicals	Practicals operating room	izv. prof. dr. sc. Davor Mijatović
Friday 10.2.2017.		08:30-14:30; KBD, Klinika za kirurgija, Operacijska sala	Group 7	Special clinical practicals	Practicals operating room
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 1	Group 2	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić

Date	Time	Group	Course hours type	Theme	Teaching staff
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 2	Group 4	Special clinical practicals	Practicals operating room	Igor Petrović
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 3	Group 3	Special clinical practicals	Practicals operating room	dr. sc. Goran Augustin
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 4	Group 5	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 6	Group 6	Special clinical practicals	Practicals operating room	Anto Dujmović
	09:00-15:00; KBC, Kardiokirurgija, Sala	Group 8	Special clinical practicals	Practicals operating room	doc. dr. sc. Hrvoje Gašparović
	09:00-15:00; Jednodnevna kirurgija	Group 1	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	15:30-21:30; KBC, Hitna služba - kirurška	Group 1	Special clinical practicals	Practicals operating room	izv. prof. dr. sc. Davor Mijatović
Monday 13.2.2017.	08:30-14:30; KBD, Klinika za kirurgija, Operacijska sala	Group 8	Special clinical practicals	Practicals operating room	dr. sc. Igor Rudež
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 1	Group 3	Special clinical practicals	Practicals operating room	dr. sc. Tonisav Antoljak
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 2	Group 5	Special clinical practicals	Practicals operating room	Igor Petrović
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 3	Group 4	Special clinical practicals	Practicals operating room	Petar Matošević
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 4	Group 6	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 6	Group 7	Special clinical practicals	Practicals operating room	Sanda Smud Orehovec
	09:00-15:00; KBC, Kardiokirurgija, Sala	Group 1	Special clinical practicals	Practicals operating room	doc. dr. sc. Hrvoje Gašparović
	09:00-15:00; Jednodnevna kirurgija	Group 2	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	15:30-21:30; KBC, Hitna služba - kirurška	Group 2	Special clinical practicals	Practicals operating room	izv. prof. dr. sc. Davor Mijatović
Tuesday 14.2.2017.	08:30-14:30; KBD, Klinika za kirurgija, Operacijska sala	Group 1	Special clinical practicals	Practicals operating room	dr. sc. Igor Rudež
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 1	Group 4	Special clinical practicals	Practicals operating room	dr. sc. Tonisav Antoljak
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 2	Group 6	Special clinical practicals	Practicals operating room	Igor Petrović

Date	Time	Group	Course hours type	Theme	Teaching staff
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 3	Group 5	Special clinical practicals	Practicals operating room	Petar Matošević
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 4	Group 3	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 6	Group 8	Special clinical practicals	Practicals operating room	Sanda Smuđ Orehovec
	09:00-15:00; KBC, Kardiokirurgija, Sala	Group 2	Special clinical practicals	Practicals operating room	dr. sc. Tomislav Kopjar
	09:00-15:00; Jednodnevna kirurgija	Group 7	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	15:30-21:30; KBC, Hitna služba - kirurška	Group 7	Special clinical practicals	Practicals operating room	izv. prof. dr. sc. Davor Mijatović
Wednesday 15.2.2017.	08:30-14:30; KBD, Klinika za kirurgija, Operacijska sala	Group 2	Special clinical practicals	Practicals operating room	dr. sc. Igor Rudež
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 1	Group 5	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 2	Group 7	Special clinical practicals	Practicals operating room	Igor Petrović
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 3	Group 6	Special clinical practicals	Practicals operating room	Petar Matošević
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 4	Group 4	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 6	Group 1	Special clinical practicals	Practicals operating room	Sanda Smuđ Orehovec
	09:00-15:00; KBC, Kardiokirurgija, Sala	Group 3	Special clinical practicals	Practicals operating room	doc. dr. sc. Hrvoje Gašparović
	09:00-15:00; Jednodnevna kirurgija	Group 8	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
	15:30-21:30; KBC, Hitna služba - kirurška	Group 8	Special clinical practicals	Practicals operating room	izv. prof. dr. sc. Davor Mijatović
Thursday 16.2.2017.	08:30-14:30; KBD, Klinika za kirurgija, Operacijska sala	Group 3	Special clinical practicals	Practicals operating room	dr. sc. Igor Rudež
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 1	Group 6	Special clinical practicals	Practicals operating room	dr. sc. Tonisav Antoljak
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 2	Group 8	Special clinical practicals	Practicals operating room	Igor Petrović
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 3	Group 7	Special clinical practicals	Practicals operating room	Petar Matošević

Date	Time	Group	Course hours type	Theme	Teaching staff
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 4	Group 1	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 6	Group 2	Special clinical practicals	Practicals operating room	Sanda Smuđ Orehovec
	09:00-15:00; KBC, Kardiokirurgija, Sala	Group 4	Special clinical practicals	Practicals operating room	dr. sc. Tomislav Kopjar
	09:00-15:00; Jednodnevna kirurgija	Group 5	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak
Friday 17.2.2017.	08:30-14:30; KBD, Klinika za kirurgija, Operacijska sala	Group 6	Special clinical practicals	Practicals operating room	dr. sc. Igor Rudež
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 1	Group 7	Special clinical practicals	Practicals operating room	dr. sc. Ivan Dobrić
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 2	Group 1	Special clinical practicals	Practicals operating room	Igor Petrović
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 3	Group 2	Special clinical practicals	Practicals operating room	Petar Matošević
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 4	Group 8	Special clinical practicals	Practicals operating room	Damir Halužan
	09:00-15:00; KBC, Klinika za kirurgiju, Zavod 6	Group 3	Special clinical practicals	Practicals operating room	Sanda Smuđ Orehovec
	09:00-15:00; KBC, Kardiokirurgija, Sala	Group 5	Special clinical practicals	Practicals operating room	dr. sc. Tomislav Kopjar
	09:00-15:00; Jednodnevna kirurgija	Group 4	Special clinical practicals	One day surgery	izv. prof. dr. sc. Anko Antabak

IV. EXAMINATIONS

Students are allowed to miss up to 20% of lectures and seminars from surgery (10 school hours). Neurosurgery and pediatric surgery classes of all types cannot be missed. Practical classes cannot be missed and need to be made up entirely.

In order for students **to approach the written exam**, after successfully finishing the course, they have to pass the **Pediatric surgery (pass/fail), Neurosurgery (pass/fail) and suturing (signature in the index)**.

Final exam consists of MCQ written test and oral part. Final grade is average from written and oral grade.

Grades: Excellent (5), very good (4), good (3), satisfactory (2), fail (1).

Exam term

1st exam term: February 22nd, 2017 (written exam + orals from February 27th till March 3rd)

2nd exam term: March 13th, 2017 (oral exams only)

3rd exam term: May 3rd, 2017 (written exam + orals from May 8th till May 12th)

4th exam term: May 22nd, 2017 (oral exams only)

5th exam term: July 3rd, 2017 (written exam + orals together with students in Croatian programme)

6th exam term: August 28th, 2017 (written exam + orals together with students in Croatian programme)

7th exam term: September 11th, 2017 (written exam + orals together with students in Croatian programme)

V./I. LIST OF LECTURERS AND TEACHING STAFF

1. izv. prof. dr. sc. Tomislav Luetić
2. prof. dr. sc. Mate Majerović
3. izv. prof. dr. sc. Davor Mijatović
4. izv. prof. dr. sc. Mladen Petrunić
5. izv. prof. dr. sc. Mate Škegro
6. dr. sc. Goran Augustin
7. doc. dr. sc. Krešimir Bulić
8. dr. sc. Ivan Dobrić
9. dr. sc. Hrvoje Silovski
10. dr. sc. Tomislav Meštrović
11. dr. sc. Marko Bogović
12. izv. prof. dr. sc. Dinko Stančić-Rokotov
13. dr. sc. Tomislav Kopjar
14. doc. dr. sc. Bojan Biočina
15. doc. dr. sc. Hrvoje Gašparović
16. doc. dr. sc. Goran Mrak
17. doc. dr. sc. Ante Sekulić
18. prof. dr. sc. Božidar Župančić

V./II EXTERNAL ASSOCIATES:

1. dr. sc. Tonisav Antoljak
2. Stanko Čavar
3. Ognjan Deban
4. Mladen Duduković
5. Anto Dujmović
6. Damir Halužan
7. Petar Matošević
8. Igor Petrović

9. Irena Šnajdar
10. Tomislav Žigman, dr. med.
11. dr. sc. Zoran Slobodnjak
12. Dražen Belina, dr. med.
13. dr. sc. Igor Rudež
14. Suzana Sršen-Medančić
15. Sergej Marasanov
16. mr. sc. Zdravko Heinrich
17. prof. dr. sc. Pavle Miklič
18. Andrej Desnica
19. Hrvoje Jednačak, dr. med.
20. Sanda Smuđ Orehovec
21. dr. sc. Kristian Kunjko
22. Ivana Sabolić Pipinić
23. Hrvoje Kisić, dr. med.
24. Tomislav Baotić
25. Josip Figl, dr. med.

V./III UNTENURED LECTURERS:

1. izv. prof. dr. sc. Anko Antabak
2. Emil Kinda, dr. med.
3. Tihomir Kekez, dr. med.
4. Željko Jelinčić, dr. med.
5. Vedran Cesarec, dr. med.
6. doc. dr. sc. Darko Chudy
7. doc. dr. sc. Miroslav Vukić
8. prof. dr. sc. Marin Stančić
9. Zlatko Fiočić, dr. med.

VI. LITERATURE

Text Book

1. Andrew Goldberg, Gerard Stansby (eds.) Surgical talk : revision in surgery . 2nd edition. London, Imperial College Press, 2005. It is very useful for an overview, but should not be the sole source of a student's reading.
2. Schwartz Principles of surgery. is the definitive text. It contains more than we expect you to learn during your 6-week rotation. Use the Curriculum Outline to direct your reading. Selected chapters

E- Books & Ovid:

1. Greenfield's Surgery: Scientific Principles and Practice

Editor: Mulholland, Michael W.; Lillemoe, Keith D.; Doherty, Gerard M.; Maier, Ronald V.; Upchurch, Gilbert R.

Publisher: Lippincott Williams & Wilkins

Edition: 4th Edition

ISBN: 0781756243

2. Handouts for seminars and practical work

3. Surgical Seminar discussions: Discussions will be specific to surgical topics. Student articpation is mandatory throughout the all weeks rotation.