

GENERAL INFORMATION		
Course name	Surgery 5 – Pediatric Surgery	
Course director	Assoc. Prof. Goran Kondža, MD, PhD	
Assistants	Asst. Prof. Grgur Dulić, MD, PhD	
Study program	Integrated undergraduate and graduate university study program Medical Studies in German	
Course status	Mandatory	
Year of study, semester	6 th year, 11 th semester	
Credits allocated and form of instruction	ECTS student workload	3
	Number of teaching hours (L+S+E)	35 (20+5+10)
COURSE DESCRIPTION		
Course objectives		
Learn the basic principles of pediatric surgery and modalities of care of pediatric surgical patients.		
Course requirements		
There are no specific requirements for this course except those defined in the study program curriculum.		
Learning outcomes at the Programme level		
1.1., 3.5.		
Expected learning outcomes (5-10 learning outcomes)		
Knowledge		
<ol style="list-style-type: none"> 1. Theoretical and practical knowledge regarding clinical picture, indications, contraindications, pediatric surgical approaches, types of surgical procedures and possible complications during and after the surgery in the treatment of the most common pediatric surgical diseases and injuries. 		
Skills		
<ol style="list-style-type: none"> 2. Demonstrate the ability to independently take a medical history, perform a clinical examination of pediatric surgical patients and determine a working diagnosis; 3. Identify the leading symptoms of a disease in pediatric surgical patients and identify the correlation between these symptoms and specific clinical entities; 4. Recognize the symptoms of a life-threatening condition in a patient and present how to provide care for them; 5. Become proficient in discussing the clinical picture and interpreting the differential diagnosis; 6. Become proficient in interpreting and discussing the patients' diagnostic findings; 7. Carry out certain clinical skills independently in accordance with the Clinical Skills Handbook; 8. Under supervision, complete different diagnostic and therapeutic procedures as outlined in the Clinical Skills Handbook; 9. Demonstrate the means for managing diagnostic and therapeutic procedures and monitoring patients in accordance with appropriate procedures (algorithms); 10. Keep patients' medical records; 11. Participate in team, interdisciplinary and multidisciplinary clinical work and demonstrate good communication skills with the patients, their companions and staff. 		
Course content		
General pediatric surgical pathology; Preoperative assessment and preparation of pediatric patients for surgery;		

Basic surgical procedures in abdominal, vascular, thoracic, cardiac, reconstructive pediatric plastic surgery and traumatology, possible complications and treatment options and modern aspects of surgical oncology.

Form of instruction	<input checked="" type="checkbox"/> lectures	<input type="checkbox"/> individual assignments
	<input checked="" type="checkbox"/> seminars and workshops	<input type="checkbox"/> multimedia and Internet
	<input checked="" type="checkbox"/> exercises	<input type="checkbox"/> laboratory
	<input type="checkbox"/> distance learning	<input type="checkbox"/> mentoring activities
	<input type="checkbox"/> field course	<input type="checkbox"/> other

Student obligations

Come to class prepared by studying the recommended literature for each unit and actively participate in all forms of instruction. The student must participate in at least 70% of classes to pass the course.

Monitoring student learning

Attendance	x	Active participation	x	Seminar paper		Experimental work	
Written exam	x	Oral exam	x	Essay		Research	
Project		Continuous assessment		Paper		Practical work	
Portfolio							

Assessment and evaluation of students during class and on the final exam

Students' performance will be evaluated during class and on the final exam. Students are evaluated numerically and descriptively (insufficient (1), sufficient (2), good (3), very good (4), excellent (5)). During classes, a student can earn a maximum of 100 points. Students can earn a maximum of 20 points during classes through different types of activities. On the final exam, students can earn a maximum of 80 points. The final grade represents the sum of the points earned during classes and on the final exam.

Mandatory reading

1. Siewert R, Stein H. Chirurgie. Springer; 2012

Additional reading

The number of copies of mandatory reading in proportion to the number of students currently taking this course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
Siewert R, Stein H. Chirurgie. Springer; 2012	A purchased license for online textbooks shall be used https://bfdproxy48.bfd-online.de/login.htm?back=http%3a%2f%2fpartner.bfd-online.info.bfdproxy48.bfd-online.de%2fameos%2fbfdAboGateway%3fabold%3d264117 Access will be granted to all students enrolled in the study program	

Quality monitoring methods ensuring the acquisition of knowledge upon completion, skills and competences

The quality of course performance is monitored through an anonymous student survey on the quality of the organization and conduction of classes, the course content and the work of professors. The usefulness of the lectures from the students' perspective, the curriculum content, the professor preparedness, the clarity of the presentation, the amount of new content and the quality of the presentation are evaluated. The curriculum and its execution are administratively compared. The participation of students in lectures and exercises, as well as the excuses for missing classes, are controlled and analyzed.

