

<b>GENERAL INFORMATION</b>		
Course name	<b>Clinical Practice 4 – Surgery</b>	
Course director	<b>Assoc. Prof. Goran Kondža, MD, PhD</b>	
Assistants		
Study program	<b>Integrated undergraduate and graduate university study program Medical Studies in German</b>	
Course status	Mandatory	
Year of study, semester	4th year, 8th semester	
Credits allocated and form of instruction	ECTS student workload	<b>2</b>
	Number of teaching hours (L+S+E)	<b>150 (0+0+150)</b>
<b>COURSE DESCRIPTION</b>		
<b>Course objectives</b>		
<p>To teach students to identify the symptoms of the most common surgical diseases and injuries, obtain a medical history and status of a surgical patient, assess risks, and to select appropriate diagnostic and therapeutic methods in their treatment in accordance with the existing guidelines and good clinical practice.</p> <p>To teach students to perform the surgical skills as outlined in the study program (skills are listed in the course content).</p>		
<b>Course requirements</b>		
There are no specific requirements for this course except those defined in the study program curriculum.		
<b>Learning outcomes relevant to the study program</b>		
<b>1.1, 1.2., 2.1., 2.2., 2.3., 3.1., 4.2.</b>		
<b>Expected learning outcomes (5-10 learning outcomes)</b>		
<ol style="list-style-type: none"> <li>1. Recognize the symptoms of the most common surgical diseases and injuries.</li> <li>2. Obtain medical history and health status of a surgical patient.</li> <li>3. Choosing the appropriate diagnostic and therapeutic measures for the treatment of surgical patients.</li> <li>4. Demonstrate the required skills outlined in the course content, either on their own or with the help of a mentor.</li> </ol>		
<b>Course content</b>		
<p>Surgical hand scrub. Administration of intravenous and intramuscular injections. Setting up an IV fluid therapy. Using the basic surgical instruments and suture materials. Primary wound management. Incision and drainage of abscess. Wound management. Removal of sutures. Drain removal. Palpation, percussion and auscultation of the abdomen. Examining the inguinal region with an index finger. Digital rectal exam. Clyster. Nasogastric suction. Urinary catheterisation. Anoscopy. Rectoscopy. Treatment of stomas. Palpation of peripheral arteries. Tests to diagnose venous insufficiency. Tests to diagnose vein thrombosis. Auscultation of peripheral arteries. Tests to diagnose thoracic outlet syndrome. Palmar arch test. Assisting at surgical operations. Temporary immobilization. Use of surgical dressing material and basic bandages. Application of Desault's bandage. Application of Velpeau bandage. Application of novel bandages. Application of compression bandages. Joint bandaging. Cast immobilization. Extremity exam after casting. Cast removal.</p>		
<b>Form of instruction</b>	<input type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> exercises <input type="checkbox"/> distance learning <input type="checkbox"/> field course	<input type="checkbox"/> individual assignments <input type="checkbox"/> multimedia and Internet <input type="checkbox"/> laboratory <input type="checkbox"/> mentoring activities <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	x
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>
<i>Siewert R, Stein H. Chirurgie. Springer; 2012</i>	A purchased license for online textbooks shall be used <a href="https://bfdproxy48.bfd-online.de/login.htm?back=http%3a%2f%2fpartner.bfd-online.info.bfdproxy48.bfd-online.de%2fameos%2fbfdAboGateway%3fabold%3d264117">https://bfdproxy48.bfd-online.de/login.htm?back=http%3a%2f%2fpartner.bfd-online.info.bfdproxy48.bfd-online.de%2fameos%2fbfdAboGateway%3fabold%3d264117</a> 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.