



# SUMMER CLERKSHIP OVERVIEW

PROGRAM OF STUDY	YEAR	FIELD OF CLERKSHIP
MD program for High School graduates	4	<b>SURGERY &amp; EMERGENCY MEDICINE with Intensive Care (option A)</b>
<b>LOCATION</b>	Ambulance Service / Emergency Unit / ICU/SICU/EICU/ Surgical Ward (respectively)	
<b>DURATION</b>	<p><b>4 weeks (2 + 2), 120 h (60 h + 60 h including at least 12 h of Intensive Care)</b> (5 days/week, 6 h/day); can be completed over summer vacation months only (July - September).</p> <p>During that time, student must complete <b>four on-call duties</b> between 2 pm and 8 pm (two at each of the wards). Active interns are excused from presence in the obligatory activities before 2 pm on the on-call day.</p> <p>Excused <b>absence</b> can be granted to the active intern only on submitting formal medical certificate. Illness longer than one week causes internship to be lengthened by the time of absence.</p>	
<b>SUPERVISION</b>	Head of the respective Ward / Department or a preceptor assigned by him/her determines scope of responsibilities and the clerkship schedule, and oversees the student's work. The preceptor should be a physician with adequate general and professional competence. If possible, student should perform all medical activities under supervision of the preceptor.	
<b>CREDITING</b>	<p>The preceptor is responsible for fulfillment of clerkship outline and grants credit to student by filling out the JU MC SME <b>Certificate of Summer Clerkship Completion</b>.</p> <p>The student is obliged to keep record of all performed procedures and acquired skills in the <b>List of Approved Procedures</b> booklet.</p>	
<b>PROGRAM OF CLERKSHIP</b>	<p>During the clerkship, the student should:</p> <p><b>In the SURGERY part:</b></p> <ol style="list-style-type: none"> <li>1. get acquainted with organization of surgical ward (admission room, operating theatre, wound dressing rooms, principles of admission, medical records keeping and discharge procedures);</li> <li>2. become familiar with types of surgical tools and apparatuses used in a surgical ward;</li> <li>3. develop medical examination and diagnostic skills, particularly in emergencies;</li> <li>4. learn wound sewing and dressing, procedures applied in case of fractures and burns;</li> <li>5. learn principles and methods of local anesthesia;</li> <li>6. participate in rounds and morning reports prepared by on-call physicians;</li> <li>7. actively participate in the ward operation, performing basic procedures, change of dressings, suture removal, application of infusion drips, collecting specimens for diagnostic tests;</li> <li>8. learn principles of asepsis and antiseptics, as well as pre-surgical scrubbing techniques;</li> <li>9. participate in performing surgeries in an operating theatre.</li> </ol> <p><b>In the EMERGENCY MEDICINE part:</b></p> <ol style="list-style-type: none"> <li>1. become acquainted with the scope of duties of an Emergency Unit;</li> <li>2. assist in giving first aid to patients;</li> <li>3. serve as paramedics on general medical aid, resuscitation, accident, pediatric, and gynecological-obstetrical ambulance crews;</li> <li>4. learn procedures used in life-threatening conditions.</li> </ol> <p style="text-align: center;"><b>and Intensive Care (optional; can also be completed after the 5<sup>th</sup> year)</b></p> <p><b>In the INTENSIVE CARE part:</b></p> <ol style="list-style-type: none"> <li>1. become acquainted with organization and procedures at the intensive care ward;</li> <li>2. broaden and systematize knowledge in the scope of physiopathology of life-threatening states resulting from injuries, severe infections, major operations etc.;</li> <li>3. become acquainted with treatment methods employed at intensive care ward, with particular emphasis placed on acquiring practical skills;</li> <li>4. become acquainted with monitoring of respiratory system, performing mechanical ventilation;</li> <li>5. become acquainted with monitoring of cardiovascular system and methods of pharmacological support thereof;</li> <li>6. evaluating patient's state of consciousness, sedation at intensive care ward;</li> <li>7. becoming acquainted with infections contracted at intensive care ward and treatment of septic shock;</li> <li>8. become acquainted with methods of implementing and carrying out of extracorporeal therapies;</li> <li>9. ethical problems in intensive care;</li> </ol> <p>principles of record keeping at intensive care ward.</p>	