

PROGRAM OF STUDY	YEAR	FIELD OF CLERKSHIP
MD program for High School graduates	5	OB/GYN & PEDIATRICS with Intensive Care*
LOCATION	OB/Gyn Ward/ Department / Pediatrics Ward/ Department/ ICU Unit (Intensive Care part) (respectively)	
DURATION	4 weeks (2 + 2), 120 h (60 h + 60 h) (5 days/week, 6 h/day); can be completed over summer vacation months only (July - September). During that time, student must complete two on-call duties at each ward between 2 pm and 8 pm on the ward of student's choosing. On the on-call days, active interns are excused from presence in the obligatory activities before 2pm. Excused absence 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.	
SUPERVISION	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.	
CREDITING	The preceptor is responsible for fulfillment of clerkship outline and grants credit to student by filling out the Certificate of Summer Clerkship Completion (provided by the JU MC SME). The student is obliged to keep record of all performed procedures and acquired skills in the List of Approved Procedures booklet.	
PROGRAM OF CLERKSHIP	<p>During clerkship, student should:</p> <p>In the PEDIATRIC part:</p> <ol style="list-style-type: none"> Learn organization of pediatric ward/department and organizational links between the ward/department and the outpatient health care system; learning basic procedures used at the ward and staff competence in terms of: childcare, examinations and diagnostics (with particular emphasis on: admission, stay and discharge record keeping, medical records keeping); learn sanitary and epidemiological regulations at neonatal and pediatric wards, and the methods of preventing hospital infections; participate in morning rounds and learn principles of patient record keeping; participate in the training courses held by the ward; practice assessment of a child's condition and psycho-physical development; improve pediatric physical examination skills; learn infant care; learn about nutrition of healthy and sick infants and children; learn principles of pediatric emergency medicine; practice diagnosing and differentiation of basic disease entities, with special consideration to acute cases; practice interpretation of laboratory, radiological and pathomorphological test and examination results; practice assessment of infants' hydration status and determining indications for hydration treatment (amount and composition of the infusion fluid); practice assessment of acid-base equilibrium in sick children, particularly infants; perform supervised medical procedures such as: application of drip infusion, and injections; participate in multi-specialist consultations; demonstrate a professional and diligent approach to the entrusted tasks. <p>Basic skills: student:</p> <ol style="list-style-type: none"> observes the aseptic and antiseptics principles, and cares for outward appearance (e.g. name tag, clean and pressed lab coat, change of footwear); In medical history taking: collects information on ailments and general complaints, collects medical history, family medical history. In physical examination: carries out detailed physical examination, general health assessment, assessment of somatic and psychophysical development; recognizes causes of basic illnesses, differentiates basic symptoms of the most common illnesses; differentiates basic disease classifications, with particular emphasis on emergencies. Is capable of assessing basic life threatening conditions in pediatrics; assesses child's nutrition and hydration status, knows recommendations for hydration treatment. Proposes treatment and diet plan for the pediatric patient; offers early and final diagnoses; monitors and analyses the following results: blood pressure, pulse, temperature; monitors vital signs (cardiac monitor, oximeter, blood glucose); is familiar with: vaccination schedule, rules in well-child checkups, basic infectious diseases in children, basic metabolic diseases in children. <p>Basic diagnostic skills: student:</p> <ol style="list-style-type: none"> orders, plans and analyzes the course of diagnostic tests: medical imaging, laboratory tests: electrocardiography, pathomorphologic tests etc. Student tries to interpret test results; is familiar with the principles of collecting and securing diagnostic material (blood, urine, fluids, stomach/duodenal matter, smears); is familiar with the principles and indications for injections and needle insertions, and performs them; orders and carries out basic procedures and treatments (oxygen therapy, endotracheal intubation, urinary catheterization, enema/lower gastrointestinal series); participates in: transfusion of blood products, administers medicines/fluids via intravenous therapy. <p>Social skills and commitment: student:</p> <ol style="list-style-type: none"> is punctual and dedicated; carries out the tasks with diligence; uses medical terminology competently; presents and discusses cases; establishes rapport with patients and their families, as well as the ward staff members; efficiently manages his/her work; shows empathy and observes the code of ethics. <p>In the OBSTETRICS/ GYNECOLOGY part:</p> <ol style="list-style-type: none"> become acquainted with organization of obstetric admissions room, delivery room and postpartum ward; admit for delivery, prepare adequate records and perform labor prep activities; observe labor progress and keep labor progress records with consideration to most important parameters reflecting condition of mother and child; perform vaginal delivery under close supervision of midwife and obstetrician; participate in perineal suturing; assess placenta after delivery; learn to operate apparatuses available in maternity units; assist in cesarean sections; become acquainted with work organization in wards and units; learn principles of gynecological examination; discuss principles of qualifying patients for surgery; learn principles of surgical room operation, record-keeping, collecting specimens for histopathology and cytology tests; assist in gynecological operations; follow-up on early postoperative patients and keep follow-up records; manage patients hospitalized due to risk of miscarriage; learn prophylactic procedures in breast and female reproductive organs neoplasms. <p>*In INTENSIVE CARE part (mandatory for students who did NOT complete IC after the 4th year)</p> <ol style="list-style-type: none"> become acquainted with organization and procedures at the intensive care ward; broaden and systematize knowledge in the scope of physiopathology of life-threatening states resulting from injuries, severe infections, major operations etc.; become acquainted with treatment methods employed at intensive care ward, with particular emphasis placed on acquiring practical skills; become acquainted with monitoring of respiratory system, performing mechanical ventilation; become acquainted with monitoring of cardiovascular system and methods of pharmacological support thereof; evaluating patient's state of consciousness, sedation at intensive care ward; becoming acquainted with infections contracted at intensive care ward and treatment of septic shock; become acquainted with methods of implementing and carrying out of extracorporeal therapies; ethical problems in intensive care; principles of record keeping at intensive care ward. 	