

**Summer Professional Clerkship
I year
European Program
Academic Year 2023/2024**

Basic Patient Care – 4 weeks (120 hours)

Clerkship curriculum:

- 1) Acknowledging the organizational system of the unit in which summer clerkship is being attended.
- 2) Learning the procedures for basic patient care, including elements of asepsis and antisepsis.
- 3) Acquiring the ability to perform basic nursing activities.
- 4) Acquiring the ability to perform nursing procedures (including measurements of: body temperature, pulse, blood pressure, respiratory rate and anthropometric measurements, taking swabs from the nose, throat, skin).
- 5) Participation in the implementation of medical orders.
- 6) Learning the rules and participation in the preparation of drugs, including parenteral administration.
- 7) Subcutaneous and intramuscular injections and blood collection for laboratory tests.
- 8) Participation in feeding the patient and learning the rules of patient nutrition.
- 9) Learning the rules of anti-bedsore prevention and evaluation and care/treatment of pressure ulcers.
- 10) Performing diagnostic strip tests, measuring glucose level using a glucometer.
- 11) Learning the rules of keeping medical records in the field of nursing competences.

Summer Professional Clerkship
II year
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Basic Health Care – Family Medicine – 3 weeks (90 hours)

Clerkship curriculum:

- 1) Learning organization rules of the primary health care unit, including operation rules of a treatment room.
- 2) Acknowledging the scope of function and duties of a general practitioner and the scope of unit activities (e.g. keeping medical records, rules for providing health services, patient registration).
- 3) Assisting the doctor in admitting patients in the unit, as well as in home visits, if possible.
- 4) Learning the rules of issuing medical certificates and statements for temporary incapacity to work.
- 5) Learning the rules and scope of referring patients to specialist medical consultations, to hospital and medical resort treatment, ordering diagnostic procedures and providing medical transportation.
- 6) Improving the skills to perform intravenous, subcutaneous and intramuscular injections.
- 7) Improving the skills to provide emergency first aid.
- 8) Participation in performing minor medical procedures and additional examinations in the unit.
- 9) Participation in the analysis of the results of additional tests and specialist medical consultations.
- 10) Rules for collecting and sending material for laboratory testing and registration of test results.
- 11) Learning the methods of conducting periodic examinations in patients under 18 years of age.
- 12) Learning the rules of qualifying patients for vaccinations and keeping the vaccination schedules in patients under 18 years of age.

Basic Health Care – First Aid – 1 week (30 hours)

Clerkship curriculum:

- 1) Learning the structure and organization rules in emergency unit.
- 2) Learning the scope of unit activities (keeping medical records, rules for providing health services, referring patients to hospital wards, etc.).
- 3) Participation in providing on-site medical assistance at the place of an accident, during the transportation of a patient and in the emergency unit.
- 4) Expanding knowledge and practical skills in the field of emergency and life-threatening conditions.
- 5) Improving skills to provide qualified first aid and participation in medical rescue operations.
- 6) Learning procedures of advanced medical rescue operations.
- 7) Improving skills to assess patient's medical condition (including unconscious patient).
- 8) Improving skills to place the patient in a position appropriate to their medical condition or sustained injuries.
- 9) Learning the rules of supplying traumatic, surgical, internist and pediatric medical assistance.
- 10) Acquiring skills to analyze urgent diagnostic tests performed by an emergency unit.

Summer Professional Clerkship
III year
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Internal Medicine – 4 weeks (120 hours)

Clerkship curriculum:

- 1) Acknowledging operating rules for internal medicine ward.
- 2) Acquiring skills to take a medical history from an adult patient, including geriatric patient.
- 3) Thorough mastery of full and focused physical examination technique and skills to interpret this examination.
- 4) Improving skills of keeping patient's medical history and other medical records in internal medicine ward.
- 5) Improving skills to interpret the results of basic laboratory tests, perform the differential diagnosis of the most common diseases in adult patients, especially in acute conditions.
- 6) Improving skills to schedule diagnostic, therapeutic and prophylactic procedures in the most common diseases in adult patients. Preparing rehabilitation schedules in the most common diseases in adult patients. Preparing schedules of specialist consultations.
- 7) Assisting in ultrasound examination and acquiring the skills of its interpretation.
- 8) Improving skills to read and interpret the electrocardiogram recording. Assistance in taking a resting electrocardiogram.
- 9) Assisting in medical appointments and participation in all medical activities.
- 10) Performing basic rescue operations in adult patients.
- 11) Improving skills of performing intravenous injections, connecting drip infusions, inserting peripheral puncture, bladder catheterization in male and female patient.
- 12) Improving skills of collecting biological material for laboratory tests, including blood and urine cultures.
- 13) Mastering the ability to assess the possibility of pre-laboratory error and instructions for its avoiding, including knowledge of anticoagulants used in laboratory and bedside tests.
- 14) Learning the procedures of issuing referrals for supplemental medical examinations, sanitary transportation, sick leaves, prescriptions for medications, in accordance with patient rights and privileges.

**Summer Professional Clerkship
IV year
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Surgery – 2 weeks (60 hours)

Clerkship curriculum:

- 12) Acknowledging operating rules of surgical unit (emergency room, operating theater, treatment room), rules of admission to hospital ward, keeping patient medical records.
- 13) Getting acquainted with surgical instruments and equipment used in surgical unit.
- 14) Improving physical examination skills and diagnostic procedures, especially in surgical emergency cases, participation in medical visits.
- 15) Mastering the procedures of dressing wounds, stitching, improving desmurgy techniques.
- 16) Learning basic rules and various methods of local and general anesthesia provided to a patient prior to surgical procedure, terms of qualification of patients for emergency and scheduled surgery.
- 17) Active participation in unit activities: performing basic medical procedures, e.g. dressing change, removing stitches, connecting drips, collecting material for diagnostic tests, skills to perform basic surgical procedures at the primary level.
- 18) Mastering asepsis and antisepsis procedures and techniques of washing up for surgery.
- 19) Assisting in surgical procedures in the operating room, putting on sterile gloves, surgical gown and preparing the operating environment in accordance with asepsis requirements.
- 20) Learning the rules of issuing attachments for pathomorphological examination, learning sanitary and epidemiological regulations to be followed in surgery ward and methods of nosocomial infections prevention.
- 21) Participation in multi-specialist consultations.
- 22) Improving skills of appropriate interpretation of laboratory tests results, imaging techniques and pathomorphological tests.
- 23) Learning the rules of obtaining patient's informed consent for surgery.

Pediatrics – 2 weeks (60 hours)

Clerkship curriculum:

- 1) Acknowledging operating rules for children's ward and organizational connections of the ward with outpatient health care facilities.
- 2) Improving skills to assess child's medical condition and its psychophysical development.
- 3) Learning the rules of infant care, as well as feeding a healthy and sick child (especially an infant).
- 4) Improving skills of children physical examination, using percentile grids, assessment of the advancement of sexual maturation.
- 5) Learning the rules of providing first aid to children and infants.
- 6) Developing skills of proper diagnosis and differentiation of basic disease entities, with particular emphasis on acute conditions.
- 7) Improving skills of appropriate interpretation of laboratory tests results, imaging techniques (especially ultrasound) and pathomorphological tests.
- 8) Participation in medical appointments and learning the rules of keeping medical records in children.
- 9) Acquiring skills to assess the degree of hydration in children, especially in infant, including determining indications for rehydration treatment (amount and composition of infusion fluid).
- 10) Assessment of acid-base imbalance in a sick child, especially in infant.
- 11) Performing medical procedures under doctor's supervision: collecting material for diagnostic examination (collecting gastric and duodenal contents, gastric lavage), connecting drip infusions and performing injections.
- 12) Learning sanitary and epidemiological regulations to be followed in infant and children's ward and learning methods of nosocomial infections prevention.
- 13) Participation in multi-specialist consultations.
- 14) Interpretation of the characteristics of medical products and critical evaluation of advertising materials related to medical products.

Summer Professional Clerkship
V year
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Intensive care – 2 weeks (60 hours)

Clerkship curriculum:

- 1) Acknowledging operating rules and the scope of provided health services in intensive care unit.
- 2) Acknowledging and acquiring skills to use medical equipment in intensive care unit.
- 3) Improving skills to diagnose and differentiate life-threatening conditions.
- 4) Improving skills to proceed in acute life-threatening conditions and to assess the medical condition of an unconscious patient.
- 5) Improving skills to monitor patient's vital signs.
- 6) Assisting and learning the procedure of assisted and substitute ventilation.
- 7) Assisting in medical of procedures implemented in intensive care unit.
- 8) Learning the rules for acting in accordance with medical law in case of implementing necessary medical procedure without patient consent.
- 9) Learning the procedure of the transfusion of blood, its components and blood products.
- 10) Understanding clinical implications inducing body reaction, for example trauma, shock, sepsis and other severe infections, as well as understanding treatment methods, including antibiotic therapy, fluid therapy, treatment of acute kidney damage, correction of metabolic, electrolyte and nutrition disorders.
- 11) Learning the rules of keeping medical records in intensive care unit.

OB/GYN – 2 weeks (60 hours)

Clerkship curriculum:

- 1) Acknowledging operating rules and the scope of provided health services in OB/GYN ward.
- 2) Acknowledging operating rules of gynecological and obstetric emergency room.
- 3) Learning rules for admission of a woman in labor to hospital ward, understanding relevant medical records, learning skills to prepare a patient for childbirth.
- 4) Supervised keeping medical records of the labor course, including essential parameters of mother's and fetus' condition.
- 5) Assistance during physiological delivery under the supervision of a midwife/doctor.
- 6) Learning perineum sewing technique.
- 7) Learning skills of assessment of placenta after delivery.
- 8) Getting acquainted with gynecology and obstetrics unit equipment (e.g. amnioscope, pulse detector, etc.).
- 9) Assistance during cesarean section.
- 10) Overview of the rules to qualify patients for gynecological surgery.
- 11) Learning operating rules in treatment room and keeping treatment records, collecting material for histopathological and cytological examination and issuing appropriate referrals for diagnostic tests.
- 12) Assistance in gynecological surgery procedures.
- 13) Learning skills to observe patients in the postoperative period and keeping medical records.
- 14) Learning procedures of treating patients with pregnancy pathology, including treatment of patients with the risk of miscarriage.
- 15) Learning prophylactic principles of female reproductive organs cancer and thoracic gland cancer.
- 16) Learning sanitary and epidemiological regulations to be followed in gynecology and obstetrics ward and methods of nosocomial infections prevention.
- 17) Improving skills of appropriate interpretation of laboratory tests results, imaging techniques and pathomorphological tests.