

**NAME OF THE STUDENT:**

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## **SUMMER PRACTICE - after 1<sup>st</sup> or 2<sup>nd</sup> year**

### **SCIENCE OF NURSING BASIC NURSING PRACTICE - 4 weeks**

The aim of the practice:

The students should make themselves familiar with the organizational structures of the hospital departments and with the practical and personal conditions of the house keeping service insuring health care.

- The students will learn the details of the process of health care and the details of the nursing process.
- They have to take part in managing the documentation of patient care including taking the patient care history and registering the daily nursing documentation.
- They will participate in the accurate measuring of the vital parameters including: blood pressure, heart rate, breathing and temperature.
- They will learn the basic nursing activities according to the needs of the patients:
  - placing the patient in the hospital bed and the methods of putting the patients into bed
  - tidying up the surroundings of the patients, making the bed, the handling of contaminated bed linen, and disinfecting surfaces.
  - providing the hygienic needs such as partial and complete bedside bathing and changing of bed linen.
  - providing mobility, the accurate position of body, the strengthening of muscle tone, using nursing aids and devices, and physical rehabilitation.
  - helping with feeding the patient, feeding, measuring body mass and body height, and calculating BMI.
  - providing the need for urination and defecation, monitoring of the urine and the faeces, recording fluid balance.

- Students should learn and apply the general hygienic rules of health institutes regarding disinfection and sterilization.
- Students should observe the preparation and methods needed for certain diagnostic and/or therapeutic procedures. They should also help with carrying out such procedures.
- They should observe and help with giving medicine to patients including infusion therapy, learning how to administer per os medication, as well as intramuscular and subcutaneous injections.
- During the practice, students have to perform the basic nursing tasks related to at least one patient who is partly self-supporting, and one patient who is incapable of self-support.

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# **SUMMER PRACTICAL block after the 3<sup>rd</sup> year - 3 weeks**

## **MEDICAL PROPEDEUTICS**

Students should learn:

- Development of the appropriate manner of a physician, particularly in the relationship between doctors and patients, doctors and relatives and medical staff;
- Proper recording of medical history regarding both hetero- and auto-anamnesis;
- Maintaining the important medical documentation (medical records, sheets and files, bed head board, medical care log);
- Mastering the order and method of medical examination; general examination of patients (inspection, palpation, measurement of temperature, weight, calculation of body surface area and BMI);
- General examination of the chest, differential diagnosis of chest pain; examination of thoracic organs (lung, heart), palpation and auscultation of lung and heart; lung syndromes: pneumonia, pleuritis, pneumothorax;
- Performance and evaluation of major instrumental examinations, indications and contra-indications (X-ray, echocardiography, CT, ECG, ABPM, Holter-monitoring, etc.);
- Physical and instrumental assessment of peripheral circulation; the pulse wave and its characteristics;
- Physical examination of the abdomen; rectal digital examination. Detection of ascites, symptoms of acute abdomen. Edges of abdominal organs (liver, spleen), palpation and auscultation of bowel sounds.
- Examination of the retroperitoneal cavity and the kidneys, recognition and assessment of main syndromes, urinalysis.
- Examination of the lymphatic system.
- Examination of the musculoskeletal system.
- Examination of the nervous system.

## CLINICAL IMMUNOLOGY

- Characteristics of autoimmune diseases, taking medical history.
- Physical examination of patients with systemic autoimmune disorders, study of the characteristics of this group of diseases (assessment of Raynaud's syndrome, polyarthritis, vasculitis, skin symptoms, etc.).
- Study and evaluation of diagnostic procedures used in autoimmune diseases (evaluation of capillary microscopy, X-ray images, disease activity scores).
- Immuno-serological examinations and their significance in specific disorders. (Serological screening, utilizing basic knowledge in practice; e.g. ANF screening, auto-antibodies, immunoglobulin and complement tests).
- Processing medical history of patients with non-differentiated collagenosis. Examination and case report of patients with systemic lupus erythematosus (SLE).
- Examination and case study of patients with Sjörge syndrome.
- Examination and case report of patients with dermato-polymyositis (DM/PM). Physical examination and case report of patients with systemic sclerosis (SSc). Physical examination and case report of patients with mixed connective tissue disorder.
- Physical examination and case report of at least 2 patients with vasculitis syndromes. Application of immunomodulatory therapy under supervision.

## RHEUMATOLOGY

- Out-patient activities: participation in the work of the clinic at least once a week.
- Interactive case discussions and consultations at least once a week.
- Participation in rheumatological consultation joining the consulting doctor.
- Checking out the work of the physiotherapeutic unit, co-operating with the Department.
- Registration and accurate documentation of the physical status.
- Thorough examination of the musculoskeletal system.
- Imaging methods to be used in the rheumatology practice:
  - Evaluation of X-ray examinations used in rheumatology;
  - Other imaging procedures, e.g. application of CT, MRI, nuclear medicine in rheumatology and analysis of appropriate indications.
- Indications and interpretation of laboratory tests.
- Practicing joint puncture and musculoskeletal injection procedures.
- Testing of samples collected by joint puncture.
- Gaining the ability to establish a complex opinion and to make a brief medical summary regarding a rheumatology patient.
- Presentation of 2 cases with rheumatoid arthritis.

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## Summer practice after the 4<sup>th</sup> year (3 weeks)

The aim of the 4<sup>th</sup> year summer practice is that the students complete practice in a field which is close to their interest. It can be completed at any of the clinical departments studied during the 4<sup>th</sup> year. The specific requirements of the concerned subject must be sign at the tables of the midsemester practices. Any other abilities fulfilled must be singed in the table below. The completion of the whole practice must be signed below:

<i>Clinical skills</i>	<i>Level of learning</i>	<i>Signqture of the tutor</i>

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## Interim Practical Blocks

The aim of the practical blocks is to improve the practical skills of medical students.

Students spend a 2-week (30 hours a week) practical session in the departments where they fulfil the specified requirements under the supervision of a tutor.

The lecture book of practical blocks provides a guideline to the student on the requirements they should comply with in course of the practical blocks of the specific semesters as well as during the 6<sup>th</sup> academic year (internship) of their training and on the basic knowledge and skills they have to acquire on the given speciality during the gradual training. The level of knowledge and skills to be learned is graded as follows:

**O:** student has observed the given intervention

**P:** student has performed the given intervention

**Participation:** Student attends the intervention and (if possible) actively contributes.

The lecture book contains the list of the skills in a form of a table, in which the student's observed or performed skills have to be verified by the tutor.

The lecture book may specify the expected number of interventions to be performed.



# **INTERNAL MEDICINE**

## **Interim Practical Block**

The aim of the practical blocks of medicine is to significantly improve the efficacy of practical training as part of the education of general practitioners and it is not aimed at educating and “producing” “specialists”. Accordingly, in the cases of the thematic practical blocks, at least 50% of practical activity has to be dedicated to general medicine, not necessarily related to a given special subject.

### **Studies and tasks related to general medicine:**

#### **I. Work at the department of medicine:**

##### **Participation in:**

- Morning discussions, radiological demonstrations.
- Rounds and grand rounds.
- Work in the ward: examination of patients, blood sampling, taking medical history, involvement in writing medical report, sheets and charts.
- Outpatient activities: emergency unit, department of general medicine, speciality clinics, special laboratories.
- Afternoon shift in the department once a week from 2 pm to 10 pm.
- A 6-hour shift in an Emergency Unit (once).
- Interactive case discussions and consultations at least once a week.
- Participation in the practical blocks is compulsory. Verified absence is acceptable only up to 10% of the obligation; absences exceeding 10% of the practice should be made up.

## **II. Examination of patient:**

- Ability to evaluate the general condition of the patient: to decide whether and what immediate intervention should be performed.
- To develop skills on detailed assessment of medical history and status, professional and accurate documentation.
- To perform and to evaluate basic ECG investigation.
- Appropriate understanding and learning of imaging and microscopic methods, endoscopic examinations and point-of-care laboratory techniques.
- Indications and interpretation of laboratory tests.
- To acquire the ability of forming a complex judgement on the individual cases of patients and to summarize this experted opinion in official medical documents.
- Simple manual procedures under the supervision of the tutoring physician: at least 10 blood sample collections. Administration of intramuscular and intravenous injections or infusions at least 10 times. One ascites and pleura puncture. Cannula insertion in peripheral veins, and maintenance of them as well as of deep venous accesses. Rectal digital examination.
- Simple drug therapies.

## **III. Contribution to personality formation as a medical doctor, improvement of skills and ability to act:**

- Rapid recognition of situations, duties, and emergency circumstances.
- Establishment of communication patterns. Patient information. Latching on to the mental guidance of patients, informing patients suffering from severe diseases.

- Examination of patients and evaluation of minor problems while on duty, reporting to the physician-in-charge.
- Consultation and urgent consultation in practice, recognition of the limits of competency.

**Schedule of practical block elements with specific syllabus:**

- Summer propedeutics practice after Year 3: extended with the syllabus developed by the Departments of Immunology and Rheumatology.
- First semester of Year 4: Cardiology, Pulmonology and Vascular disorders (geriatrics).
- Second semester of Year 4: Nephrology and Endocrinology blocks.
- First semester of Year 5: Gastroenterology and Metabolic disorders.
- Second semester Year 5: Hematology and Hemostasis (Rare diseases).

# 4<sup>th</sup> year BLOCK PRACTICE 1<sup>st</sup> semester Internal Medicine

## CARDIOLOGY

- Learning about medical history, clinical symptoms, and development of symptoms of the most important cardiovascular (CV) disorders - acute coronary syndrome, chronic ischaemic heart disease, valve problems, arrhythmias (atrial fibrillation in particular), cardiomyopathy, various forms of circulatory and cardiac diseases, venous and arterial thromboses, embolisms, pulmonary embolism, hypertension, infectious cardiac diseases in practice.
- To participate in diagnostic procedures and interventions, preferably by performing these activities under supervision – physical examination, analysis of humoral parameters, ECG, continuous monitoring, imaging radiology, echocardiography, electrophysiological examination, cardiac catheterization.
- Surveillance of therapy - lifestyle, diet, antihypertensive, diuretic, antiarrhythmic, antithrombotic, anticoagulant, antibiotic treatments, forms of thrombolysis, PCI, stent implantation, electrophysiological methods, cardiac surgical options, health care practice.

Students are supposed to observe

- at least two patients with myocardial infarction,
- at least three patients suffering from asthma cardiale,
- at least one case of pulmonary embolism,
- at least one extensive deep venous thrombosis,
- at least one case of acute arterial obstruction,
- at least three patients with atrial fibrillation.

## GERIATRICS

- Assessment of medical and neurological history and evaluation of the physical status of at least 3 elderly patients.
- Discussion of diagnostic and examination plans.
- Application of standard geriatric assessment, registration and interpretation of data of at least one elderly patient.

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## PULMONOLOGY

### Requirement of the interim block practice of 4<sup>th</sup> year

	LEVEL OF LEARNING	SIGNATURE OF THE TUTOR
History of previous illnesses	P	
Filling in medical charts	P	
Filling in bed-head boards	P	
Physical examination of patients	P	
Obtaining of blood pressure	P	
Attendance of outpatients	O	
Attendance of patients with allergic diseases	O	
Management of febrile conditions	O	
Planning of antibiotic therapy	O	
Intravenous injections, insertion of superficial venous devices (e.g. branula)	P	
Attending bronchoscopy examination, evaluation of the medical record	O	

	LEVEL OF LEARNING	SIGNATURE OF THE TUTOR
Planning of oncotherapy	O	
Evaluation of X-ray images	P	
Lung function tests	O	
Thoracic puncture	O	
Pulmonary rehabilitation	O	

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# **4<sup>th</sup> year BLOCK PRACTICE 2<sup>nd</sup> semester Internal Medicine,**

## **NEPHROLOGY**

- Evaluation of renal functions, urine analysis (5)
- Glomerular diseases (consultation)
- Diabetes mellitus and diabetic nephropathy (analysis of cases of 3 patients)
- Hypertension and the kidney (analysis of cases of 3 patients)
- Acute renal failure and intensive nephrology care (1 case report)
- Chronic renal failure (2 case analyses)
- Kidney replacement therapies, dialysis (1 case discussion)
- Nephrosis syndrome (1 case report)
- Disturbances of acid-base balance and fluid and electrolyte homeostasis (interpretation of 2 cases)
- Tubulointerstitial diseases and urinary infections (interpretation of 2 cases)
- Pharmacology of drugs used in renal diseases (consultation)

## **ENDOCRINOLOGY**

- Surveillance of endocrinological test methods and therapeutic recommendations
- Peculiarities of physical examination of patients with endocrine disease
- Examination of three patients with hyperthyroidism. Examination of three patients with hypothyroidism. Inflammations and nodules of the thyroid glands, goitre, assessment of at least a single case.
- Demonstration of patients with Cushing syndrome, Conn syndrome or patients with pheochromocytoma (report of at least one case).



- Demonstration of a patient with hypercalcemia and hyperparathyroidism.
- Demonstration of a patient with hypophysis tumour (1 case).
- Hypertensions of endocrine origin (discussion based on at least one case report).
- Differential diagnosis of polyuria, polydypsia (short case presentation).
- Differential diagnosis of gynecomastia (short case presentation).
- Differential diagnosis of endocrine disorders associated with obesity (short case presentation).
- Diagnosis and treatment of metabolic syndrome (short case presentation).

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# 5<sup>th</sup> year **BLOCK PRACTICE 1<sup>st</sup> semester** **Internal Medicine,**

## **GASTROENTEROLOGY**

- Practicing of the physical examination of the abdomen including (in particular) palpation, evaluation of tenderness, the most accurate assessment of liver and spleen, examination of ascites, assessment of bowel sounds as well as appropriate execution of rectal digital examination.
- Physical signs and follow-up of severe gastrointestinal (GI) disorders; fecal blood detection.
- Participation in endoscopic and invasive procedures.
- Case analyses: discussion of acute abdomen, GI bleedings, hepatic cirrhosis, acute pancreatitis, hepatic failure, peptic ulcer, diagnosis and differential diagnosis of cholelithiasis.
- Participation in ascites puncture, insertion of nasogastric tube, Sengstaken-Blakemoore tube.
- Participation in performing endoscopic ultrasonography and H<sub>2</sub>-breath test.
- Students should observe at least 5 gastroscopic or colonoscopic interventions. Students are requested to examine at least 2 patients, each, with GERD with GI neoplasm, with cholelithiasis, with chronic liver disease and one patient with inflammatory bowel disease. Demonstration of a patient with acute GI tract bleeding.
- Steps of diagnosis and treatment of malabsorption disorders and gluten enteropathy (brief case presentation).

## METABOLIC DISORDERS

- Recognition of symptoms of emergency diabetic conditions (hypoglycaemia, diabetic ketoacidosis), emergency care and treatment guidelines.
- Getting familiar with insulin products and therapeutic regimes, with the use of insulin pens and devices for self-measurement of blood glucose level in practice.
- Care of diabetic patients in everyday practice, prevention of complications.
- Providing basic dietetic instructions to patients with diabetes mellitus, obesity, hyperlipidemias, gout.
- Instructing and performing of physiotherapy and of proper physical activity of obese patients.
- Establishing indications of plasma apheresis in hyperlipidemia.
- Practical aspects of the treatment of lipid abnormalities.
- Mode of calculation of cardiovascular risk, and determination of therapeutic lipid, blood pressure and blood glucose targets based on the calculations.

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## **5<sup>th</sup> year BLOCK PRACTICE 2<sup>nd</sup> semester Internal Medicine**

### **HEMATOLOGY**

- Examination of patients with hematological diseases (spleen, lymph nodes).
- Evaluation of complete blood count (evaluation of at least five differential counts under the microscope with the tutor).
- Assessment of anemic conditions, microcytic, macrocytic anemias.
- Evaluation of reticulocyte count in the clinical practice.
- Signs of hemolysis.
- Participation in bone marrow aspiration/biopsy, evaluation of bone marrow smears with the tutor.
- Practicing the rules and protocols in a germ-free ward.
- Determination of blood type, participation in transfusion (at least 2 occasions).
- Processing of cases of at least two patients with the following hematological diseases: iron deficiency anaemia, acute leukemia, chronic myeloproliferative disease, chronic lymphoid leukemia, and myeloma.

### **HEMOSTASIOLOGY**

- Appropriate evaluation of basic hemostasis tests (PT, INR, APTT, TT, anti-FXa, platelet count, bleeding time, PFA, platelet aggregation, D-dimer).
- Laboratory check-up of antithrombotic therapy (UFH-APTT, LMWH-anti-FXa, coumarin-INR, SK-TT).
- Getting acquainted with antithrombotic drugs - specific antidotes.
- Demonstration of clinical bleeding types.
- Appropriate recording of family history in hereditary hemophilia.
- General medicinal problems of hemophilia (chronic hepatitis C virus infection, hemophilia in the elderly; case report)

- Case presentation of patients with von Willebrand disease, thrombocytopathies, drug-induced hemophilia
- Awareness with current coagulation factor supplementation policies.
- Management of bleeding in hereditary and acquired hemophilia in practice.
- Examination of thrombocytopenic patients (case demonstration)
- DIC, TTP-HUS, HIT-HITT (case demonstration)
- Acute deep venous thrombosis (examination of patients, diagnosis, differential diagnosis, treatment case demonstration).
- Acute pulmonary embolism (examination of patients, diagnosis, differential diagnosis, therapeutic basics, case demonstration)
- Acute arterial occlusion; how to perform local thrombolysis.
- Antithrombotic therapy (inhibitors of platelet aggregation anticoagulants, thrombolytics) – indications, contra-indications.
- Anticoagulant therapy in chronic atrial fibrillation and patients with valve implants (case demonstration).

### **RARE DISEASES**

- definition, significance, characteristics,
- international organizations,
- the practices of diagnosing and treating rare diseases,
- case presentations with special focus on diagnostic pitfalls of rare diseases,
- personalized therapy.

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## INFECTOLOGY

- Independent processing and follow-up of 2-3 cases
- Analysis of special infections in immunocompromized patients
- Panoptical staining and blood count, microscopic analysis of peripheral blood smears (differential blood count), urinalysis, analysis and evaluation of cerebrospinal fluid (CSF), sample, throat culture, swab, indication and evaluation of serological tests.

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## DERMATOLOGY

### Requirement of the interim block practice of 5<sup>th</sup> year

<b>DERMATOLOGY SKILLS</b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF THE TUTOR</b>
Medical history	P	
Physical examination	P	
Identifying of basic dermatological changes and giving their precise description	P	
Differentiation of the most common dermatological diseases (papulosquamosus, allergic, bacterial, fungal, viral, STD, autoimmune, bullous, vascular diseases)	P	
Fungal examination	P	
Applying skin tests for identifying allergies	O	
Use of topical medications	P	
Moist-bandage application	P	
Ulcer bandage	P	
Wound tying after burning	P	

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## ANAESTHESIOLOGY AND INTENSIVE THERAPY

- Methods of maintenance of airways
- Recognition of respiratory failure
- Monitoring of respiratory function
- Application of basic artificial respiration methods
- Hemodynamic monitoring
- Recognition of hemodynamic instability
- Selection of the most appropriate method for hemodynamic support
- Possible methods, indications and execution of nutritional therapy
- Indication and execution of organ replacement therapies in patients in critical conditions.
- Determination of brain death and donor conditioning process
- Following the execution of intraoperative narcosis
  - a. Intratracheal general narcosis
  - b. Regional anaesthetic techniques.
- Preoperative patient examination and preparation of patient for the surgical intervention.
- Intra-institutional transfer of patients in critical conditions

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## 4<sup>th</sup> and 5<sup>th</sup> year Internal medicine skill requirements

<b><i>INTERNAL MEDICINE SKILLS</i></b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF THE TUTOR</b>
Family and social history, previous illnesses	P	
Presenting complaints, taking a history	P	
Evaluation of the general condition of the patient by Karnovsky	P	
Use of electronic databases (e.g. MedSol)	P	
Physical examination	P	
Physical examination of thoracic organs	P	
Listening to, identifying recognizing and diagnosing heart sounds and murmurs	P	
Assessing the patient's general condition / status; importance of cyanosis, recognizing abnormal respiration	P	

<b><i>INTERNAL MEDICINE SKILLS</i></b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF TUTOR</b>
Complex examination in order to make a differential diagnosis of various types of chest pain	P	
Diagnosing/identifying and treating various forms of left ventricular failure	P	
Diagnosing and treating myocardial infarct and acute coronary syndrome	P	
Diagnosing and treating deep vein thrombosis and pulmonary embolism	P	
Diagnosing and treating COPD, emphysema and cor pulmonale (pulmonary heart disease)	P	
Diagnosing and treating pneumonia	P	

<b><i>INTERNAL MEDICINE SKILLS</i></b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF TUTOR</b>
Diagnosing and treating pleuritis and pleural effusion	P	
Physical examination of abdominal organs	P	
Examination of vessels /vascular examination	P	
Basic neurological examination (e.g. Romberg, reflexes)	P	
Evaluation of the mental state	P	
Obtaining blood pressure	P	
Recording and evaluation of 12-lead ECG	P	
Chest X-ray	O	
Ultrasound (cervical, abdominal, soft-tissue, color Doppler)	O	
Echocardiography	O	
CT	O	
MRI	O	
PET-CT	O	
Imaging methods of nuclear medicine	O	
Angiography	O	
Gastroscopy Gastric lavage*	O	

<b><i>INTERNAL MEDICINE SKILLS</i></b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF TUTOR</b>
Colonoscopy	O	
Other invasive instrumental examinations (e.g. ERCP, bone marrow and liquor sampling)	O	
CBC (automatic)	O	
CBC (differential)	P	
Urinalysis (test-strip and sediment, evaluation)	P	
Detection of occult GI blood loss (examination, evaluation)	P	
Renal function tests	O	
Liver function tests	O	
Endocrine function tests	O	
Glucose metabolism (blood glucose, HbA1c, fructosamine, oral glucose tolerance tests)	O	
Blood-gas analysis	O	
Inserting catheter	P	
Examination of the electrolyte and acid- base system	O	
Investigations for infectious conditions	O	

<b><i>INTERNAL MEDICINE SKILLS</i></b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF TUTOR</b>
Investigation of hemostasis	O	
Bleeding time	P	
Bloodless determination of arterial blood pressure	P	
Im, sc, iv injections	P	
Blood sampling	P	
Intubation	P	
Cardiopulmonary resuscitation	P	
Setting the parameters for artificial ventilation	O	
Biopsy	O	
Bronchoscopy	O	
Hemodialysis, hemofiltration, hemoperfusion, plasmapheresis	O	
Declaration of death	O	
Counselling, "education"	P	
Being familiar with diets, consulting	P	
Nursing skills	P	
Discussing and getting signed informed consent forms	P	
Managing allergic reactions	P	

<b><i>INTERNAL MEDICINE SKILLS</i></b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF TUTOR</b>
Recognition of medication side-effects, overdose	O	
Blood product supplementation (transfusion)	O	
Preparing diagnostic and treatment plans	P	
Treatment of hepatic cirrhosis	P	
Diagnosing and treating cholelithiasis (gall stones)	P	
Diagnosing and treating acute pancreatitis	P	
Diagnosing and treating gastro-oesophageal reflux disease	P	
Diagnosing and treating gastric ulcer and gastric cancer	P	
Diagnosing the symptoms and identifying the types of ileus	P	

<b><i>INTERNAL MEDICINE SKILLS</i></b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF TUTOR</b>
Diagnosing metabolic crises in diabetes mellitus; principles of treatment	P	
Examination of patients with lymphoma	P	
Examination of patients with leukaemia	P	

\*It can be carried out in the Center for Medical Simulation

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# OBSTRETRICS-GYNECOLOGY

Requirement of the 4<sup>th</sup> year interim block practice

<b><i>OBSTRETRICS-GYNECOLOGY SKILLS</i></b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF THE TUTOR</b>
History of previous illnesses	P	
General physical examination	P	
Examination of the external genitalia	P	
Examination with speculum	P	
Bimanual examination	P	
Rectal examination	P	
Rectovaginal examination	P	
Onkocytologic sampling	P	
Colposcopic examination	P	
Abdominal-pelvic ultrasound examination	O	
Vaginal ultrasound examination	O	
Curettage	O	
Abortion	O	
Surgical abortion	O	
Infertility work-up	O	
Foley-catheter insertion	P	
Operative laparoscopy	O	

<b><i>OBSTRETRICS- GYNECOLOGY SKILLS</i></b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF THE TUTOR</b>
Counselling on contraception	P	
IUD insertion	O	
Early pregnancy risk assessment	O	
Screening for diabetes in pregnancy	O	
Estimation of the date of the delivery using Naegele's method	P	
Correction of the EDD by Naegele's method according to the length of cycle	P	
EDD according to CRL	P	
EDD according to the first fetal movement	P	
Examination in early pregnancy	P	
Examination in the 2 <sup>nd</sup> and 3 <sup>rd</sup> trimesters	P	
Leopold- manoeuvres	P	
Determination of the fetal position by abdominal examination	P	
Determination of the gestational age by measuring sy-fu distance	P	

<b>OBSTRETRICS- GYNECOLOGY SKILLS</b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF THE TUTOR</b>
Determination of the gestational age by measuring abdominal circumference	P	
Auscultation of fetal heart sounds	P	
Defining cervical-index	P	
Performing and evaluating of CTG	P	
Performing and evaluating of NST	P	
Ultrasound examination in early pregnancy	O	
Ultrasound examination in the 3 <sup>rd</sup> trimester	O	
Observation of a patient during labour	P	
Obstetric physical examination	P	
Bishop-score calculation	P	
Perineal protection methods	O	
Anaesthesia of the perineum	O	
Episiotomy	O	
Primary care of the newborn	O	
Suction of the newborn's nose and pharynx	O	
Apgar scoring	P	
Conduction of the placental stage	O	

<b><i>OBSTRETRICS- GYNECOLOGY SKILLS</i></b>	<b>LEVEL OF LEARNING</b>	<b>SIGNATURE OF THE TUTOR</b>
Examination of the placenta and the umbilical cord	P	
Estimating the blood loss during delivery	O	
Suturing the episiotomy	O	
Caesarean-section	O	
Physical examination in puerperium	P	

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# SURGERY OR TRAUMATOLOGY

## Requirements of the interim block practical of the 4th year

	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF TUTOR
Surgical history	P	5	
Physical examination	P	5	
Rectal examination	P	5	
Establishment of surgical indication	O		
Preparation of patient for the operation	O		
Evaluation of imaging examinations	P	3	
Evaluation of laboratory parameters	P	5	
Confirmation of death	O		
Completion of report of examination of deceased person	O		
Administration of blood products	O		
Treatment of surgical wounds	P	5	
Treatment of infected wounds	P	3	
Removal of sutures, clamps	P	3	
Ostomy care	O		
Bladder catheterization	P	3	

	Level of learning	Expected quantity	Signature of tutor
Cannula insertion into a vein	O	5	
Basics of anaesthesiology	P		
Scrubbing in, behaviour in the operation room	P		
observation of surgeries	P	5	
Vascular surgery	O		
Manual pulse rate examination	P	5	
Doppler pulse measurement	P	1	
Evaluation of arteriogram	O		
Treatment of diabetic leg	O		
Thoracic surgery	O		
Chest puncture, tube insertion	O		

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

# SMALL SURGERY SUBJECTS

## ORAL SURGERY

Requirements of the interim block practical of the 4th year

	LEVEL OF LEARNING	SIGNATURE OF TUTOR
Physical examination of surgical maxillofacial patient	P	
Analysis of diagnostic tests	P	
Participation in compilation of treatment plan	O	
Assistance in dento-alveolar surgeries	P	
Assistance in maxillofacial surgeries	P	
Septic wounds	O	
Removal of sutures, drains, adjustment of nasogastric tube	P	
Tooth extraction	P	

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

## ORTHOPAEDICS

### Requirements of the interim block practical of the 4th year

	LEVEL OF LEARNING	SIGNATURE OF TUTOR
Physical examination of orthopaedic patients	P	
Patient documentation	P	
Preparation of the surgical site	P	
Scrubbing in	P	
Dressing, treatment of wounds	P	
Removal of sutures	P	
Participation in orthopaedic surgeries	P	
Participation in the application of plaster	P	

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**



## UROLOGY

### Requirements of the interim block practical of the 4<sup>th</sup> year

	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF TUTOR
Recording of medical history	P	5	
Completion of bed head board	P	5	
Completion of medical records	P	5	
Physical examination	P	5	
Measurement of blood pressure	P	3	
USG of urological organs	O	3	
Urinalysis (general+sediment)	P	3	
Examination of sperm	O	1	
Urodynamic test	O	1	
Sampling of urethral excretion	P	1	
Administration of intracavernous	O	1	

injection			
Alleviation of acute renal gripes	O	1	

	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF TUTOR
Treatment of massive hematuria, bladder tamponade	O	1	
Cystoscopy	O	1	
Prostate biopsy	O	1	
Percutaneous nephrostomy	O	1	
Placement of ureter catheter, double-J catheter	O	1	
Urological minor surgeries	O	1	
Transurethral prostate and bladder surgeries	O	1	
Exploratory urological surgeries	O	1	

Ureteroscopy	O	1	
Percutaneous renal surgeries	O	1	
Laparoscopic renal and prostate surgeries	O	1	

	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF TUTOR
ESWL treatment of renal and ureter calculi	O	1	

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

# FREELY CHOSEN BLOCK PRACTICE

## OPHTHALMOLOGY

### Requirements of the interim practical block

	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF TUTOR
Learning of the process of taking medical history and patient documentation	O	1	
Treatment of superficial eye injuries	O	1	
Treatment of a patient injured by a caustic substance	O	1	
Administration of eye drops	P	1	
Preparation of eye dressing	P	1	
Replacement of dressing after eye surgeries	P	1	
Turning out eyelids	P	1	
Removal of superficial foreign body with rinsing	P	1	
Digital measurement of intraocular pressure	P	1	

	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF TUTOR
Differential diagnosis of red eyes	P	1	
Assessment of papilla congestion with ophthalmoscope	P	1	
Examination of anterior segment with slit lamp	P	1	
Maintenance of a vein	P	1	
Administration of intravenous drug under specialist supervision	P	1	

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**EAR-OTO-LARYNGOLOGY**  
**Requirements of the interim practical block**

	LEVEL OF LEARNING	SIGNATURE OF THE TUTOR
Acquiring ear-oto-laryngologic history	P	
Filling charts	P	
Basic ear-oto-laryngologic investigation methods	P	
Assisting surgical procedures	P	
<b>Conicotomy*</b>	P	

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

.....  
(Freely chosen practical block)

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

# PEDIATRICS

## Requirements of the interim block practical of the 5th year

PEDIATRIC SKILLS	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF THE TUTOR
Taking medical history (hetero-anamnesis)	P	5	
Filling in medical charts	P	5	
Filling in bedhead charts	P	5	
Physical examination of children	P	5	
Physical examination of infants	P	5	
Obtaining blood pressure (4-externities) in infants and children	P	3	
Use and evaluation of percentile-tables	P	3	
Examination of the urine sediment	P	3	
Management of febrile conditions	O		
Preparing plans for antibiotic treatment	O		
Iv. Injection administration	P		
Po. and parenteral rehydration planning	O		



PEDIATRIC SKILLS	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF THE TUTOR
Preparing the plan for correction of electrolyte and acid-base disturbances	O		
Evaluation of the chest X-ray	O		
Symptoms of upper and lower respiratory infections	O		
Differential diagnosis and treatment of diseases causing stenosis of the upper respiratory tract	O		
Anticonvulsive therapy	O		
Differential diagnosis of acute abdomen	O		

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

## NEUROLOGY

- Medicinal and neurological history, patient examination (medicinal and neurological status), description of the pathologic condition, patient follow-up (control status, labs, test results, therapy), documentation and discussion with the head of department. A disease description – reviewed by the head of department – should be presented during the comprehensive exam.
- In the wards, students are responsible for measurement of blood pressure, pulse rate and A/B index; administration of injection under supervision, blood collection in the ward they are assigned to.
- Mandatory participation in autopsies of deceased patients.
- Actively attending the work of diagnostic lab (ultrasonography, EMG, ENG, evoked potentials, EEG, etc.), and the work of the outpatient clinics.
- Students are expected to participate in X-ray demonstrations and journal clubs arranged by the institute.

**Practical requirements in neurology**  
**Requirements of the interim block practical of the 5th year**

	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF TUTOR OR LABORATORY HEAD
Complete neurological examination	P	4	
Simple psychiatric examination	P	4	
Examination of non-cooperative or unconscious patient (high priority)	P	4	
Glasgow coma scale	P	2	
mRankin scale	P	2	
Examination of memory, mini mental scale test	P	2	
Lumbar puncture	O	1	
Cranial and spinal X-ray	O	3	
Cranial and spinal CT, CTA	O	5	

	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF TUTOR OR LABORATORY HEAD
Cranial and spinal MRI, MRA	O	3	
Carotis duplex USG, transcranial Doppler	O	3	
EEG	O	3	
Sleep examination	O	1	
EMG, ENG	O	4	
Evoked potentials	O	3	
Complete follow-up of an in-patient event	O		

DESORIENTATIONS	DATE AND TIME	SIGNATURE OF CONSULTANT
Emergencies in neurology I		
Emergencies in neurology II		
Lower back pain and discus diseases		
Epilepsy		
<b>Consultations</b>	Date and time	Signature of consultant
Ischaemic stroke		
Hemorrhagic stroke and treatment of stroke patients		
Headache		
Parkinsonism and tasks of GP		
Neuroimmunological diseases and tasks of GP		
Polyneuropathies		
Patients experiencing dizziness		
CT and MRI		

Neurosonology		
Electrophysiological tests		
Patients with head trauma		
Chronic pain		
Patient demonstration video representation		
Subject of presentation:	Date and time:	Verified by:
Duty 1		
Duty 2		
Duty 3		
Duty 4		

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Name:**

**Signature:**

**Block practical leader:**

## **PROGRAMME OF 6<sup>th</sup> YEAR PRACTICUM BLOCKS (Internship)**

The aim of the practicum is to ensure that students spend a continuous period of time in a department in order to thoroughly study the work done there, the care of patients and the work of doctors and nurses. Students are required to play an active part in the care of patients and gradually acquire all the clinical and laboratory techniques that may be essential in their future job. Furthermore, during the practicum, students should learn how to follow up cases. They should also improve manual and observation skills as well as logical thinking in making diagnoses. Their ability to establish a good relationship with patients is also to be developed during the course. The practicum is held in various clinical departments and teaching hospitals. On the first day of the course, the director of the hospital, the head physician of the department or the doctor in charge of the practical course informs the students of the organizational structure and function of the hospital. S/he calls the students' attention to the local traditions and expectations.

Students spend different period (30 hours a week) of practical session, depending of the subject in the departments where they fulfil the specified requirements under the supervision of a tutor.

The lecture book of practical blocks provides a guideline to the student on the requirements he/she should comply well during the 6th academic year (internship) of his/her training and on the basic knowledge and skills he/she has to acquire on the given speciality during the gradual training. The level of knowledge and skills to be learned is graded as follows:

O: student has observed the given intervention

P: student has performed the given intervention

Participation: Student attends the intervention and (if possible) actively contributes. The lecture book may specify the expected number of interventions to be performed.

The completion of the course is fully certified and assessed in this practicum-book. It is also certified by signature of the tutor. In case of spending the practice outside of Hungary, to have a letter about the completion from the hospital is required with the official letterhead paper. This letter should be send directly to Debrecen University by post.

**6<sup>th</sup> year**  
**INTERNAL MEDICINE**  
**10 weeks**

**requirements of the internship**

\*It can be carried out in the Center for Medical Simulation

SKILLS IN INTERNAL MEDICINE	LEVEL OF LEARNING	SIGNATURE OF THE TUTOR
Taking medical history (hetero- and auto-anamnesis)	P	
Active participation in rounds	P	
Physical examination	P	
Blood pressure measurement (at least 20 occasions)	P	
Participation in diagnostic planning	O	
Participation in treatment planning	O	
Filling in bed-head charts, recording status	P	
Getting acquainted with dietetics, dietetic counselling	P	



SKILLS IN INTERNAL MEDICINE	LEVEL OF LEARNING	SIGNATURE OF THE TUTOR
Reporting on the patient's medical records	P	
Performing ECG examination, individual evaluation of at least 10 ECG records	P	
Evaluation of Holter-monitoring	O	
Evaluation of ABPM examination	O	
Basic Life Support	O	
Using manual defibrillator*	P	
Advanced life support*	P	
Gastroscopy	O	
Sengstaken-Blakemore/Linton blow-pipe taking in*	P	

SKILLS IN INTERNAL MEDICINE	LEVEL OF LEARNING	SIGNATURE OF THE TUTOR
Colonoscopy	O	
Determination of blood type	P	
Treatment of wounds, dressing	P	
Indications of ultrasound examinations, evaluation of records	O	
Indications of chest X-ray, and native X-ray of the abdomen	O	
Echocardiography	O	
Insertion of peripheral venous devices (e.g. branula), preparation of infusion-related equipment	P	
Insertion of bladder catheter	O	
Blood sampling for diagnostic purpose	P	
Giving intramuscular injection	P	
Performing and evaluating bedside laboratory testing	O	

SKILLS IN INTERNAL MEDICINE	LEVEL OF LEARNING	SIGNATURE OF THE TUTOR
Performing and testing blood smear	P	
Bleeding time determination	O	
Performing rectal digital examination	P	
Taking blood for blood-gas analysis, evaluation of records	P	
Evaluation of laboratory test results	P	
Bedside blood glucose level measurement	P	
Abdominal puncture	O	
Haemodialysis	O	
Setting the mechanical ventilation parameters	O	

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**6<sup>th</sup> year**  
**PEDIATRICS**  
**7 weeks**  
**requirements of the internship**

PAEDIATRICS SKILLS	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF THE TUTOR
Taking medical history (hetero-anamnesis)	P	<b>10</b>	
Filling in medical charts	P	<b>5</b>	
Filling in bed-head charts	P	<b>10</b>	
Physical examination of children	P	<b>10</b>	
Physical examination of infants	P	<b>10</b>	
Obtaining blood pressure (4-extremities) in infants and children	P	<b>3</b>	
Use and evaluation of percentile-tables	P	<b>3</b>	
Examination of the urine sediment	P	<b>3</b>	
Management of febrile conditions	O		

PEDIATRIC SKILLS	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF THE TUTOR
Preparing plans for antibiotic treatment	O		
Iv. injection administration	P		
Po. and parenteral rehydration planning	O	<b>3</b>	
Preparing plans for correction of electrolyte and acid-base disturbances	O	<b>3</b>	
Evaluation of the chest X-ray	O		
Symptoms of upper and lower respiratory infections	O	<b>3</b>	
Differential diagnosis and treatment of diseases causing stenosis of the upper respiratory tract	O	<b>3</b>	
Anticonvulsive therapy	O	<b>1</b>	
Differential diagnosis of acute abdomen	O	<b>1</b>	
Evaluation of mental and motoric development	P	<b>3</b>	

PEDIATRIC SKILLS	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF THE TUTOR
Nutrition of infants	P	3	
Differential blood analysis	P	3	
Blood type analysis	P	1	
Recording and evaluating ECG	P	3	
Gastric lavage	O		
Differential diagnosis with exudate throat	O		
Differential diagnosis of infectious diseases with exanthemas	O		
Treatment of status asthmaticus (life threatening exacerbation of bronchial asthma)	O		
Care of healthy newborn	O		

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**



**6<sup>th</sup> year**  
**SURGERY**  
**5 weeks**  
**requirements of the internship**

	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF TUTOR
General surgery			
Surgical history	P	5	
Physical examination	P	5	
Rectal examination	P	5	
Establishment of surgical indication	O	1	
Preparation of patient for the operation	O	1	
Evaluation of imaging examinations	P	3	
Evaluation of laboratory parameters	P	5	
Confirmation of death	O	1	
Completion of report of examination of deceased person	O	1	
Administration of blood products	O	1	
Treatment of surgical wounds	P	5	
Treatment of infected wounds	P	3	

	Level of learning	Expected quantity	Signature of tutor
Removal of sutures, clamps	P	3	
Ostomy care	P	1	
Bladder catheterization	P	3	
Cannula insertion into a vein	P	5	
Basics of anaesthesiology	O	1	
Scrubbing in, behaviour in the operation room	O	1	
Observation of surgeries	P	5	
Vascular surgery	O		
Manual pulse rate examination	P	5	
Doppler pulse measurement	P	1	
Evaluation of arteriogram	O	1	
Treatment of diabetic leg	P	1	
Thoracic surgery	O		
Chest puncture, tube insertion	P	1	

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**6<sup>th</sup> year**  
**NEUROLOGY**  
**4 weeks**  
**requirements of the internship**

	LEVEL OF LEARNING	EXPECTED QUANTITY	SIGNATURE OF TUTOR OR LABORATORY HEAD
Complete neurological examination	P	4	
Simple psychiatric examination	P	4	
Examination of non-cooperative or unconscious patient (high priority)	P	4	
Glasgow coma scale	P	2	
mRankin scale	P	2	
Examination of memory, mini mental scale test	P	2	
Lumbar puncture	O	1	
Cranial and spinal X-ray	O	3	

	Level of learning	Expected quantity	Signature of tutor or laboratory head
Cranial and spinal CT, CTA	O	5	
Cranial and spinal MRI, MRA	O	3	
Carotis duplex USG, transcranial Doppler	O	3	
EEG	O	3	
Sleep examination	O	1	
EMG, ENG	O	4	
Evoked potentials	O	3	
Complete follow-up of an in-patient event	O		

<b>CONSULTATIONS</b>	<b>DATE AND TIME</b>	<b>SIGNATURE OF CONSULTANT</b>
Disturbance of consciousness		
Non- traumatic neurol disorders		

<b>CONSULTATIONS</b>	<b>DATE AND TIME</b>	<b>SIGNATURE OF CONSULTANT</b>
CNC infections		
Low back pain		
Epilepsy		
Ischemic stroke		
Hemorrhagic stroke and treatment of stroke patients		
Headache		
Parkinsonism and tasks of GP		
Neuroimmunological diseases and tasks of GP		
Polyneuropathies		
Vertigo		
Neurroradiology		
Neurosonology		
Electrophysiological tests		
Neurotraumatology		
Sleep disorders		

CONSULTATIONS	DATE AND TIME	SIGNATURE OF CONSULTANT
Patient demonstration video representation		

TITLE OF PRESENTATION:	DATE AND TIME:	VERIFIED BY:
Duty 1		
Duty 2		
Duty 3		
Duty 4		

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Name:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**



**6th year**  
**PSYCHIATRY**  
**4 weeks**  
**requirements of the internship**

Examination of cooperative and non-cooperative patients.

- Registration of auto- and heteroanamnesis.
- Examination of mental status (up to the level of enabling detailed description of the disease including the results of the medical and neurological examinations). Actively attend demonstrations of psychological tests, evaluation of the results.
- Decision on whether or not the patient should be referred to a psychiatric institution. Evaluation of endangering conditions. Knowledge of rules of referring rights.
- Using simple psychotherapeutic procedures. “Contract” with the patient.
- Realisation and emergency treatment (under supervision) of acute endangering conditions, crisis situation and pre-suicidal syndrome.
- Information, preventive and therapeutic activity related to alcohol abuse.
- Recognizing toxicomanias, addictive conditions; decision on the actions to be taken.
- Recognizing acute exogenous reactions, symptomatic psychoses; uncovering of causative events/processes.
- Recognizing of organic psychosyndromes, dementias; assessment of the severity of the above conditions, application of Mini Mental Test and Hachinski Ischaemic Assessment Scale.
- Recognizing endogenous mental disorders.
- Therapeutic interventions in intoxication.
- Recognition and treatment of anxiety disorders.
- Development and therapy of psychosomatic diseases.
- Recognizing somatoform and dissociative disorders.
- Recognizing obsessive-compulsive disorder.
- Sleeping disorders and their therapy.
- Personality disorders

PSYCHIATRIC SKILLS	LEVEL KNOWLEDGE	SIGNATURE OF THE TUTOR
Recording general and psychiatric history	P	
Evaluation of sense/consciousness	P	
Evaluation of realization/cognition	P	
Evaluation of orientation	P	
Evaluation of intelligence	O	
Evaluation of memory	P	
Evaluation of thought processes	P	
Evaluation of mood	P	
Evaluation of the expression of moods/affections	P	
Evaluation of behaviour	P	
Evaluation of perception	P	
Evaluation the risk of committing suicide	O	
Revealing problems with the cooperation of the patient	P	
Evaluation of MMSE	P	
Psychological examination	O	
Making the diagnosis based on the BNO and DSM IV-TR criteria	P	
Indications for admission to psychiatry ward	O	
Attending consults	P	
Occupational therapy	O	
Play therapy	O	
Creative therapy	O	

PSYCHIATRIC SKILLS	LEVEL KNOWLEDGE	SIGNATURE OF THE TUTOR
Electroconvulsive therapy	O	
Consulting	O	
Behavioural therapy	O	
Psychotherapy	O	
Applying sleep-deprivation	O	
Applying psychopharmacotherapy	O	
Recognition of intoxications	O	
Recognition of somatic disease causing psychiatric symptoms	O	

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**6<sup>th</sup> year**  
**OBSTETRICS AND GYNECOLOGY**  
**5-weeks**  
**requirements of the internship**

<i>Physical examinations</i>	Level of learning	Signature of the tutor
History of previous illnesses	P	
General physical examination	P	
Examination of the external genitalia	P	
Examination with speculum	P	
Bimanual examination	P	
Rectal examination	P	
Rectovaginal examination	P	
Onkocytologic sampling	P	
Colposcopic examination	P	
Abdominal-pelvic ultrasound examination	O	
Vaginal ultrasound examination	O	
Curettage	O	
Abortion	O	
Surgical abortion	O	
Infertility work-up	O	
Self breast examination-education	P	
Foley-catheter insertion	P	
Operative laparoscopy	O	
Counselling on contraception	P	

<i>Physical examinations</i>	Level of learning	Signature of the tutor
IUD insertion	O	
Early pregnancy risk assessment	O	
Estimation of the date of delivery using Naegele's method	P	
Correction of the EDD by Naegele's method according to the length of cycle	P	
EDD according to CRL	P	
EDD according to the first fetal movement	P	
Examination in early pregnancy	P	
Examination in the 2 <sup>nd</sup> and 3 <sup>rd</sup> trimesters	P	
Leopold-manoevres	P	
Determination of the fetal position by abdominal examination	P	
Determination of the gestational age by measuring sy-fu distance	P	
Determination of the gestational age by measuring abdominal circumference	P	
Auscultation of fetal heart sounds	P	
Defining cervical-index	P	
Performing and evaluating of CTG	P	
Performing and evaluating of NST	P	
Ultrasound examination in early pregnancy	O	
Ultrasound examination in midterm pregnancy	O	

<i>Physical examinations</i>	Level of learning	Signature of the tutor
Ultrasound examination in the 3 <sup>rd</sup> trimester	O	
Observation of a patient during labour	P	
Obstetric physical examination	P	
Bishop-score calculation	P	
Apgar scoring	P	
Conduction of the placental stage	O	
Examination of the placenta and the umbilical cord	O	
Estimating the blood loss during delivery	O	
Suturing the episiotomy	O	
Spontaneous vaginal delivery conduction	O	
Caesarean-section	O	
Physical examination in puerperium	P	

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**

**Certification:** *English stamp of the institute*

**Location:**

**Date (from –till):** dd/mm/yyyy – dd/mm/yyyy

**Tutor:**

**Signature:**

**Block practical leader:**







Name of practice	Verification of completion
<b>INTERNAL MEDICINE</b>	
<b>PEDIATRICS</b>	
<b>SURGERY</b>	
<b>NEUROLOGY</b>	
<b>PSYCHIATRY</b>	
<b>OBSTETRICS AND GYNECOLOGY</b>	

