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(forename(s) and surname of student) (Stamp of Out-Patient Clinic/Clinic/Department)

 Program of Practical Training (Medical Clerkship/Rotations)

 **Fifth Year** Courses of Medicine

The fifth year students are obligated to take 2-week practical training (60 hours of teaching) in

the field of gynaecology and obstetrics at the Gynaecology and Obstetrics Department/Clinic

and 2-week practice (60 hours of teaching) in the field of pediatrics at the Clinics of the Academic Teaching Hospitals or the Departments of the Provincial and District Hospitals.

The time of the training is specified by §1(4) of the Rules of Professional Practical Training for Students. Number of hours of the rotations at a medical institution chosen by the student is 6 hours of teaching during a day and night, excluding weekends and public holidays.

The practice may be held under the agreement signed by a representative of the Management of Hospital. The Director of the Clinic or a supervisor authorized by the Director oversees

the achievement of the objectives of the practice. Only a doctor with appropriate professional qualifications may be a supervisor of the student’s practice. Every case of student’s absence may be justified only by a sick absence certificate. In case of sickness longer than 1 week, the time of

the practice must be extended appropriately. The student may complete his/her practical training at

a medical institution abroad upon prior consent given by the supervisor of the training, following a request made by the student.

The completion of the practice must be certified by the supervisor with his/her signature and stamp stating the supervisor’s full name and specialization and optional signature and stamp of the Director of the Clinic/Department. The lack of signatures and stamps as required will affect the approval of the medical clerkship.

The aim of the practice in the field of gynaecology and obstetrics is:

 to learn the work organization of the Admission Room for Gynaecology and Gynaecology Clinic/Department

 to discuss the rules of qualification of patients for surgical procedure

 to get to know the working rules in the treatment room and keeping treatment records, sampling material for histopathological and cytological examination

 to become familiar with the rules for handling patients of earlier postoperative period and keeping an observation card 

 to become familiar with the rules for handling patients admitted due to imminent miscarriage

 to learn the principles of prophylaxis of female genital cancers and neoplasms of the mammary glands

 to learn the work organization of the Admission Room for Obstetrics, the birth route and post-puerperium ward

 to get to know the rules for admitting a woman in labour, for starting adequate documentations

 to observe the process of giving birth and to keep the records of giving birth, with emphasis on

the key parameters demonstrating the condition of the mother and the fetus

 to get acquainted with operating the apparatus used in the Obstetrics Clinics/Departments (amnioscope, heart rate detector, etc.).

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The aim of the practice in the field of pediatrics is:

 to develop the knowledge of the organization of the Children Clinic/Department (Clinic) and of organizational linkage between the Clinic/Department and the out-patient health care system

 to become familiar with the rules for assessing the child's condition and his/her psychophysical development

 to familiarize yourself with the baby care

 to learn the principles of healthy feeding and sick child feeding

 to improve the child physical examination skills

 to improve the ability to recognize and differentiate the basic disease entities with particular emphasis on an acute case

 to learn the principles for the interpretation of laboratory, radiological and pathomorphological results

 to participate in medical ward rounds and to become familiar with the rules for keeping medical records

 to assess the degree of hydration of the infant and to establish indications for hydration treatment (amount and composition of infusion fluid)

 to become familiar with the sanitary and epidemiological regulations in force at the Infant and Children Department and the methods of prevention of nosocomial infections

 to take part in specialist consultations

The following learning outcomes are produced during the practice:

In terms of knowledge:

 the student knows and understands the causes, symptoms, rules for the diagnosis and treatment of

the most common children’s diseases such as:

 rickets, tetany, convulsions

 organic heart disease, cardiac muscle inflammation, endocarditis and pericarditis, cardiomyopathy, heart dysrrhythmia, cardiac insufficiency, arterial hypertension, fainting

 acute and chronic diseases of the upper and lower respiratory tract, congenital defects of

the respiratory system, tuberculosis, cystic fibrosis of the pancreas, asthma, allergic rhinitis, urticaria, anaphylactic shock, angioedema

 anemia, hemorrhagic diathesis, bone marrow failure, child cancers, solid tumors typical of childhood

 acute and chronic abdominal pain, vomiting, diarrhea, constipation, bleeding from the digestive system, peptic ulcer diseases, unspecific bowel diseases, pancreatic diseases, cholestase and liver disease and other acquired diseases or birth defects of the gastrointestinal tract

 urinary tract infection, congenital defects of the urinary system, nephrotic syndrome, renal calculosis, acute and chronic renal failure, acute and chronic nephritis, systemic diseases of

the kidneys, urination disorders, vesicoureteral reflux disease

 growth disorders, diseases of the thyroid gland and parathyroid gland, diseases of the adrenal glands, diabetes, obesity, puberty and gonad function disorders

 cerebral palsy, encephalitis and meningitis, epilepsy

 the most common infectious diseases of childhood

 genetic syndromes

 connective tissue diseases, rheumatic fever, juvenile arthritis, systemic lupus, dermatomyositis

 the student is familiar with female reproductive functions, their disorders, diagnostic and therapeutic procedures regarding:

 menstrual cycle and its disorders

 pregnancy

 physiological and pathological childbirth, puerperium

 inflammation and neoplasms in the genital area

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 birth control  menopause  basic methods of diagnostics and gynecological procedures

In terms of skills:

 the student conducts the medical interview with a child and his/her family

 the student conducts a physical examination of a child of any age

 the student assesses the condition of the newborn on the Apgar scale and assesses its maturity; examines the reflexes of the newborn

 the student combines anthropometric measurements and blood pressure with data on percentile grids

 the student interprets the laboratory tests results and identifies the causes of deviations

 the student examines the nipples, lymph nodes, thyroid gland and abdominal cavity in the aspect of acute abdomen and also examines with a finger through the anus

 the student recognizes the symptoms from the physical examination and medical history interview, indicating an abnormal course of pregnancy (abnormal bleeding, contractile function of the uterus)

 the student interprets the results of physical examination of the pregnant woman (arterial pressure, heart actions of the mother of the fetus) and laboratory tests results indicating the pathology of pregnancy

 the student recognizes the onset of labor and its incorrect duration

 the student interprets the results of physical examination and the medical history interview during the puererium

In terms of social competences:

 the student observes medical confidentiality and patient’s rights

 the student gets and keeps in touch with the sick friendly and respectfully

 the student is guided by the patient’s good and puts it first

 the student is aware of his/her own restrictions and possesses the ability to constantly educate himself

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(forename(s) and surname of student)

I certify that the practice was done from (date) ……………….. to (date) ………………………..

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(Stamp of Clinic/Department (Signature and stamp of the supervisor

and/or Director of Clinic/Department) authorized by Clinic/Department)

………………………………………….

(forename(s) and surname of student)

I certify that the practice was done from (date) ……………….. to (date) ………………………..

……………………………………………………….. ……………………………………….

(Stamp of Clinic/Department (Signature and stamp of the supervisor

and/or Director of Clinic/Department) authorized by Clinic/Department)

 The student’s practice has been completed and approved.

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(Signature and stamp of practice supervisor authorized by the Medical University in Białystok)