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*Student's name*

.....  
*Album number*

## PRACTICAL TRAINING PROGRAM

### *Pediatrics*

#### STUDENT AFTER 4th YEAR OF ENGLISH DIVISION

Academic year ...../.....

After fourth year of studies, the Students are obligated to compete a **2-week (60 hours)** work placement.  
Number of **working hours per day - 6.**

**Place of work:** pediatric ward or clinic

**Purpose of practice:** Getting theoretical basics and practical skills about diagnostic and treatment pediatric disorders. Getting knowledge about specific age-related differences in pathophysiology, symptomatology and clinical signs. Developing skills about taking history and child physical examination. Getting basic knowledge about interpretation of additional diagnostic tests.

#### **Programme of placement:**

##### **Student who pass this practice**

1. Takes medical history from a child and family. Performs full physical examination of a child at every age.
2. Evaluates the general condition of the patient, consciousness and awareness level; assesses the condition of a newborn according to a the Apgar scale and its maturity as well as examines neonatal reflexes; compares antropometric and blood level measurements to percentile scales; evaluates the stage of puberty.
3. Performs check-ups; evaluates and describes the somatic and psychiatric patients state. Runs diagnostic of common adult and child diseases.
4. Recognizes life-threatening conditions and alcohol, narcotics and other drug abuse.
5. Plans diagnostic, therapeutic and preventive procedures. Analyzes possible side effects of therapy and drug interactions. Proposes individualization of existing guidelines and other therapeutic treatments in the case of non-effectiveness of or contraindications to standard therapy; recognizes signs of drug dependency and propose a treatment procedure.
6. Qualifies patients to home and hospital treatment.
7. Recognizes states in which functional status of the patient's or his/her preferences restrict the treatment in accordance with specific guidelines for the disease.
8. Interprets laboratory test results and identifies cause of abnormalities.
9. Plans clinical nutrition (including enteral administration and parenteral nutrition).

10. Plans a procedures in case of possible blood-transmitted infection.
11. Qualifies patients to vaccination.
12. Takes samples for various laboratory tests.
13. Performs main doctor's procedures:
  - a) measurements of body temperature, pulse rate, blood pressure and respiration rate
  - b) monitoring of vital parameters by a cardiac monitor and heart rate monitor
  - c) spirometry, oxygen therapy, assisted and control mode ventilation
  - d) introduction of the oropharyngeal tube,
  - e) intravenous injection, intramuscular and subcutaneous injections, cannulation of peripheral veins, collection of peripheral venous blood, collection of arterial blood, collection arterialized capillary blood,
  - f) collecting swabs from the nose, throat and skin, puncture of pleural cavity
  - g) catheterization of the urinary bladder in women and men, nasogastric intubation, gastric lavage, enema,
  - h) getting and interpretation of the ECG, electric cardioversion, defibrillation
  - i) simple test strips and measuring the concentration of glucose in the blood
14. Assists to a maintaining doctor's procedures:
  - a) transfusions of blood and blood products,
  - b) drainage of the pleural cavity,
  - c) puncture of the pericardium,
  - d) puncture of the peritoneal cavity,
  - e) lumbar puncture,
  - f) needle biopsy,
  - g) epidermal tests,
  - h) intradermal and scarification tests and interpret their results;
15. Interprets descriptions of pharmaceutical medicines and critically assesses advertising materials relating to medicines.
16. Plans specialist consultations
17. Plans basic treatment in acute poisoning. Monitors state of patient poisoned by a chemical substances or drugs.
18. Identifies agony and patient's death
19. Runs a patients' medical documentation
20. Works using aseptic and antiseptic principles.



- 21. Gets venous catheters, examines breasts, lymph nodes, thyroid gland and abdomen, performs rectal examination, performs basic life support (BLS) using defibrillator and other emergency procedures.
- 22. While performing physical examination recognizes symptoms of child abuse.
- 23. Tries not to make any mistakes in his actions.
- 24. Collects blood for toxicological studies and secures the material for hemogenetic research according to the rules.

**Placement credit** - Graded pass: .....  
*in words*

**Supervisor:** Doctor with a licence to practice and speciality of Pediatrics.

Hereby I confirm accomplishment of the practice within the period form ..... to  
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*Official Stamp of the institution*

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*Head of Unit / Supervisor Stamp and Signature*