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*Student's name*

.....  
*Album number*

## **PRACTICAL TRAINING PROGRAM**

### ***Surgery***

#### **STUDENT AFTER 5TH YEAR OF ENGLISH DIVISION**

**Academic year .....**

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

**Place of work:** Surgery Ward or Clinic

**Purpose of practice:** Learning characteristic of work in surgical ward. Learning principles of doctor's work at surgical ward. Learning rules about preparing patient to routine and emergency operation. Getting knowledge about wound healing process. Getting knowledge about impact of trauma for organism and shock treatment. Getting basic knowledge about clinical nutrition in surgery. Getting basic knowledge about most common types of head, neck, chest, abdomen and limbs injuries. Getting basic knowledge about burns and frostbites and their treatment. Getting basic knowledge about acute surgical diseases. Getting basic knowledge about most common types of neoplasms. Knowing most common postoperative complications and rules of prevention. Getting knowledge about transplant surgery, metabolic surgery and treatment of surgical infections.

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

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

1. Takes medical history from a adult patient. Performance full physical examination.
2. Evaluates the general condition of the patient, consciousness and awareness level. Runs diagnostic of common diseases. Evaluates and describing the somatic and psychiatric patients state. Student recognizes life-threatening conditions and alcohol, narcotics and other drug abuse.
3. Student plans diagnostic, therapeutic and preventive procedures. Analyze possible side effects of therapy and drug interactions. Proposes individualization of actual guidelines and another treatment in case of non-response to drug.
4. Qualifies patients to hospital treatment.
5. Interprets laboratory test results and identifies cause of abnormalities.
6. Student plans diagnostic, therapeutic and preventive procedures. Analyze possible side effects of therapy and drug interactions. Proposes individualization of actual guidelines and another treatment in case of non-response to drug.
7. Interprets laboratory test results and identifies cause of abnormalities.
8. Student plans a clinical nutrition (including enteral administration and parenteral nutrition).
9. Plans a procedures in case of possible blood-transmitted infection.
10. Takes samples for various laboratory tests.
11. 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) performing spirometry test, oxygen treatment
  - d) using oropharyngeal airway
  - e) subcutaneous, intravenous, intramuscular injection, getting venous catether, taking blood samples,

- f) getting swab from the nose, oral cavity, skin, thoracentesis
  - g) urinary catheterization (female and male), gastric lavage,
  - h) getting and interpretation of the ECG, electric cardioversion, defibrillation
  - i) measurements of blood glucose level by a glucometer
12. Assists to a maintaining doctor's procedures:
    - a) blood transfusion
    - b) thoracentesis
    - c) pericardiocentesis
    - d) paracentesis
    - e) lumbar puncture
    - f) needle aspiration biopsy
    - g) intradermal tests and interprets results
  13. Plans multidisciplinary consultations
  14. Evaluates bedsores and adapts appropriate treatment.
  15. Student plans basic treatment in acute poisoning. Monitors state of patient poisoned by a chemical substances or drugs.
  16. Identifies agony and patient's death.
  17. Runs a patient's medical documentation.
  18. Uses basic types of surgical instruments.
  19. Works using aseptic and antiseptic principles.
  20. Student prepares wound dressing, gets venous catheters, examines breasts, lymph nodes, thyroid gland and abdomen, performs rectal examination.
  21. Evaluates radiographs of most common types of bone fractures especially long-bones and decides about type of intervention in specific case.
  22. Deals with hemorrhages (caused by injury).
  23. Performs basic life support (BLS) using defibrillator and other emergency procedures.
  24. Evaluates state of unconscious patients using international scales. Recognizes symptoms of high intracranial pressure (ICP).
  25. Student tries not to make any mistakes in his actions.

**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 from:.....to.....

.....  
*Official Stamp of the institution*

.....  
*Head of Unit / Supervisor Stamp and Signature*