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Student's name

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Album number

PRACTICAL TRAINING PROGRAM

Intensive care

STUDENT AFTER 4th YEAR OF ENGLISH DIVISION

Academic year/.....

After fourth 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: Intensive care Ward or Clinic

Purpose of practice: Acquiring knowledge about the specifics of anesthesiology and intensive care (adults and children) and risk management in the interdisciplinary area of perioperative medicine; Developing risk management skills and optimizing perioperative safety at all stages of guiding the patient (adult and child) through the perioperative experience, i.e. in the pre-hospital, hospital and post-hospital periods.

Programme of placement:

Student who pass this practice

1. Takes medical history from a child and his parents. Performance full physical examination of an adult.
2. Evaluates the general condition of the patient, consciousness and awareness level. Evaluates and describing the somatic and psychiatric patients state. Student recognizes life-threatening conditions.
3. Plans a diagnostic, therapeutic and preventive procedures.
4. 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.
5. Interprets laboratory test results and identifies cause of abnormalities.
6. Plans a procedures in case of possible blood-transmitted infection.
7. Takes samples for laboratory diagnostic tests
8. 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 using oropharyngeal airway
 - 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 of 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
- 9.** 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;
- 10.** Plans specialist consultations
- 11.** Introduces basic treatment in acute poisoning.
- 12.** Monitors state of patient poisoned by a chemical substances or drugs.
- 13.** Keeps patients' records
- 14.** Works using aseptic and antiseptic principles.
- 15.** Performs venous cannulation, examines breasts, lymph nodes, thyroid gland and abdomen, performs rectal examination. Performs basic life support (BLS) using defibrillator and other emergency procedures.
- 16.** Implements ALS algorithm
- 17.** Closely monitors post-operative period.
- 18.** Evaluates state of unconscious patients using international scales.
- 19.** Recognizes symptoms of increased intracranial pressure (ICP).
- 20.** Assess indications for suprapubic puncture and participates in its execution.
- 21.** 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 Anaesthesiology and intensive care.

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