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Student's name

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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. Performs full physical examination of an adult.
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. 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.
4. Qualifies patients to home and hospital treatment.
5. 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.
6. Interprets laboratory test results and identifies cause of abnormalities.
7. Plans a clinical nutrition (including enteral administration and parenteral nutrition).
8. Plans procedures in case of possible blood-transmitted infection.

9. Takes samples for various laboratory tests.
10. 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
11. 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;
12. Interprets descriptions of pharmaceutical medicines and critically assesses advertising materials relating to medicines.
13. Plans specialist consultations
14. Evaluates bedsores and adapts appropriate treatment.
15. Acts correctly in the case of injuries (uses dressing or immobilization, stitches the wound)
16. Identifies agony and patient's death.
17. Runs a patients medical documentation.
18. Assists during a typical surgery, prepares the surgical site and locally anesthetizes operated area.
19. Uses basic types of surgical instruments.
20. Works using aseptic and antiseptic principles.



- 21. Manages simple wounds and change sterile surgical dressing; uses peripheral venous catheter; examines nipples, lymph nodes, thyroid gland and the abdominal cavity in terms of acute abdomen and performs finger test through the anus.
- 22. Assess radiological test result in terms of the most common types of fractures, especially fractures of long bones; performs temporary immobilization of a limb, selects the type of immobilization necessary for use in typical clinical situations and checks blood supply to the limbs after using the cast.
- 23. Manages external bleeding.
- 24. Performs basic life support (BLS) using defibrillator and other emergency procedures.
- 25. Evaluates state of unconscious patients using international scales. Recognizes symptoms of high intracranial pressure (ICP).
- 26. Assess indications for suprapubic puncture and participate in its execution.
- 27. Tries not to make any mistakes in his actions.
- 28. 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 Surgery.

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