

AIM AND OBJECTIVES OF THE EDUCATIONAL TRAININGS

UNIVERSITY OF TRADITIONAL MEDICINE

The aim of the internship is to strengthen and improve practical skills, to check and deepen the clinical and theoretical knowledge gained by students, to familiarize them with the activity of the surgical department and the doctor's working conditions, as well as to the basics of health care and ambulance work in the hospital as a physician assistant.

EDUCATIONAL TRAINING PROGRAM

The objectives are:

1. get acquainted with the work of medical assistants;
2. know the basic principles of medical assistance;
3. strengthen the knowledge on the basic principles of surgery;
4. to perform medical procedures and ambulance work;
5. get practical skills for ambulance work.



Approved by

Rector

N. Saribekyan

« 18 » 02 2015

At the end of the internship, a student must:

know:

- etiology, pathogenesis, clinic, treatments of surgical diseases, as well as peculiarities of research.

be able to:

- implement surgical examination and treatment.

Specialty 091201.00.7, General Medicine

Subject Assistant of Surgeon

Department General Medicine year IV semester VIII

Duration of Training 90 hours

	Contents	Hours
1.	Scrub up methods and techniques.	2
2.	Methods and techniques of the surgical field scrub up.	2
3.	Temporary of bleeding (hemostasis), temporary arrest of secondary bleeding inside of wound and outside of wound.	2
4.	Primary surgical treatment of wounds, catheterization of central veins.	2
5.	Visits with senior surgeons.	2
6.	Collecting anamnesis.	2
7.	Objective examination (palpation, percussion, auscultation, typical surgical symptoms' tests).	2
8.	Formation of contraptures in superficial abscesses.	2

2015

AIM AND OBJECTIVES OF THE EDUCATIONAL TRAININGS

Aim:

The aim of the internship is to strengthen and improve practical skills, to check and deepen the clinical and theoretical knowledge gained by students, to familiarize them with the activity of the surgical department and the doctor's working conditions, as well as to the basics of health care and anti-epidemic activities, to gain practical skills in the hospital as a physician assistant.

The objectives are:

1. get acquainted with the work of medical institutions;
2. know the basic principles of medical ethics and deontology,
3. strengthen the knowledge on the basic rules of care for surgical patients,
4. to perform medical procedures and manipulations unaided,
5. get practical skills for ambulance.

At the end of the internship, a student must:

know:

- etiology, pathogenesis, clinic, treatments of surgical diseases, as well as peculiarities of research.

be able to:

- implement surgical examination and treatment,
- participate in general visits with the doctor.

master:

- differentiated diagnosis,
- organization of surgical researches and treatments.

	Contents	Hours
1.	Hand scrub up methods and techniques.	2
2.	Methods and techniques of the surgical field scrub up.	2
3.	Temporary of bleeding (hemostasis), temporary arrest of secondary bleeding inside of wound and outside of wound.	2
4.	Primary surgical treatment of wounds, catheterization of central veins.	2
5.	Visits with senior surgeons.	2
6.	Collecting anamnesis.	2
7.	Objective examination (palpation, percussion, auscultation, typical surgical symptoms' tests):	2
8.	Formation of contrapertures in case of superficial abscesses.	2

9.	Appointing laboratory and instrumental auxiliary examinations for the patients.	2
10.	Substantiation of surgical treatment.	2
11.	Detection of surgery tactics and volume.	2
12.	Patient preparation for surgery.	2
13.	Participation in small surgical interventions. Implementation of some interventions unaided (treatment and bandaging of aseptic and infected wounds, detection of abscess, removal of lipoma, fixing, pressing and other bandages).	2
14.	Organization and implementation of treatment and care for patients during postoperative period.	2
15.	Determination of blood transfusion, individual compatibility, blood group and Rh factor detection.	2
16.	Filling patient's Medical history. Urinary catheterization.	2
17.	Watching and participation in major surgical interventions as second assistant.	2
18.	Presence during laparoscopic surgery as a watcher.	2
19.	Discussion of questions arising during surgery.	2
20.	Implementation of perirenal Novocaine and intercostal blockades.	2
21.	Local anesthesia technique.	2
22.	Participation in anesthesia as anesthetist's assistant.	2
23.	Intravenous injection of medicine.	2
24.	Urinary catheterization with soft (flexible) and metal catheters	2
25.	Gastric endonasal intubation	2
26.	Visit to the surgical patients in the Intensive care department.	2
27.	Implementation of various manipulations as a reanimation specialist's assistant.	4
28.	Venesection.	2
29.	Laryngoscopy.	2
30.	Tracheal intubation	2
31.	Treacheostomy.	2
32.	Primary surgical treatment of wounds.	2
33.	Putting and removal of surgical sutures	2
34.	Removal of small benign tumors	2
35.	Removal of soft tissue benign tumors (lipoma, fibroma):	2
36.	Apendectomy, stage performances.	2
37.	Hernia repair, applying of the two-layer surgical sutures, catheterization of the central veins.	2
38.	Tamponade and drainage of abscesses.	2
39.	Ultrasound cavitation of purulent wound. Implementation of Novocaine blockades.	2

40.	Pleural cavity puncture.	2
41.	Intravenous injection of medicine, wound washing with antiseptic, bandage.	2
42.	Determination of burn surface area.	2
43.	Diagnosis and treatment of the most common surgical patients in polyclinic and stationary conditions.	4
Total		90



N. Sarisbekyan
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