UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Principles of Surgical Semeiotics

2425-2-H4101D011-H4101D033M

Aims

The Semeiotic Course on Simulator carried out with practical exercises with dummies-simulators is aimed at the first learning of the techniques of approach to the patient and the main semeiological maneuvers to be applied in the objective examination, in preparation for the future professional activity carried out in the following years directly on the patient. The tutoring activity involves small groups of students, with the constant presence of the teacher in order to provide the basis for the first approach to theoretical knowledge and to the practical learning of multiple medical, surgical and emergency semeiological maneuvers.

Contents

Prepare a sterile field for a minor surgery, wear sterile gloves, perform the objective examination of the breast and the axillary lymphnodes on dummy, position the bladder catheter on the dummy in the male and female sex, place a gastric nose tube on the dummy and recognizing the nature of the aspirated findings, performing a rectal exploration on a mannequin, simulating a cutaneous suture. Learn basic echografic tecnique.

Detailed program

In the course, the following topics/procedures will be learned:

- Understanding the indications and appropriate terminology for the clinical examination of the breast and relevant lymph node stations.
  * Performing a clinical examination of the breast and axillary lymph nodes on a mannequin.
- Understanding the indications, implications, and possible complications related to the placement of a urinary catheter; knowing the materials and various types of catheters.

* Placing a urinary catheter on a mannequin for both male and female patients.
- Understanding the indications, implications, materials, and possible complications related to the placement of a nasogastric tube. Recognizing and identifying the correct terminology and the nature of the aspirated findings.
  * Placing a nasogastric tube on a mannequin.
- Understanding the indications, correct terminology, and observable findings of a rectal examination.
  * Performing a rectal examination on a mannequin.
- Understanding the indications, implications, materials, and possible complications related to peripheral and central venous access, as well as peripheral arterial access.
- Wearing sterile gloves.
- Understanding the indications, materials, and main techniques of skin suturing.
  * Performing skin sutures on a mannequin.
- Understanding the basic technical aspects of ultrasound operation and the role of clinical ultrasound.
  * Learning the basic principles of ultrasound technique with the identification of the main abdominal and neck organs.

Prerequisites

Knowledge of the introductory courses indicated in the Degree Course regulations

Teaching form

The course is conducted in a teaching mode that is both didactic and interactive, distributed as follows:

- 4 hours of classroom lectures (didactic and interactive) with discussion of the topics.
- 3 hours of practical exercises in small groups with mannequins.
- 3 hours of skin suturing laboratory in small groups using mannequins.
- 2 hours of clinical ultrasound laboratory in small groups.

language: Italian

Textbook and teaching resource

Slides and anatomic trainer

Semester

II semester

Assessment method

see course's description

Office hours

On appointment sending mail marco.ceresoli@unimib.it

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION