UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

General Surgery 3

2324-3-I0101D017-I0101D052M

Aims

Early recognition of critical situations. Nursing in specific clinical situations like shock, respiratory failure, cardiac failure, sepsis. Nursing to patients undergoing to a surgical intervention, concerning the management of the anesthesia. Pharmacology: knowledge of the drugs used in a critical care situation like myorelaxants, volatile anesthetic gases, analgesics. Knowledge of mechanical ventilation, anesthesia and life-support systems. Students will be able to describe the clinical picture of the main diseases that may alter the homeostatic balance and suggest the therapeutic approach; indicate the pathophysiological mechanisms that determine them; identify signs and symptoms related to the considered diseases for the influence on nursing process.

Contents

The course aims to provide students with the ability to identify and manage medical-surgical emergencies related to nursing in a critical context and operating room. The student will be able to program nursing plans to people in the intensive care unit and in an emergency situation.

Detailed program

GENERAL SURGERY 3 - Acute abdomen: classification, anatomy, semeiotics. Acute abdomen: clinics, diagnosis, therapy. Causes of gastrointestinal bleeding and outline of treatment: clinics, diagnosis and therapy. Polytraumatized patients: classification, clinical classification, management. Traumatic Brain Injury: classification, clinical classification, management approach. Burns: anatomy, classification, complications, therapy, difference in the evolution of the different degrees of burns. Educational objectives: learn the fundamentals of emergency surgery, with particular regard to procedures of nursing interest; know the theoretical-practical bases of nursing collaboration during the diagnostic and therapeutic approach of patients undergoing emergency surgery.

Prerequisites

Positive evaluation in the following exams: Fundamentals of Nursing and Midwifery Sciences; Nursing Clinical Methodology; Biomedical Sciences 1; Biomedical Sciences 2; Human Physiology; Clinical Specialty Nursing; Surgical Specialty Nursing.

Teaching form

Lectures, exercises. Group work.

Textbook and teaching resource

Chiaranda M. (2022) Urgenze ed Emergenze – Istituzioni, V ed., Piccin; Linee Guida Italian Resuscitation Council e European Resuscitation Council, 2015; Galvagni M., Perini C. (2010) L'infermiere in sala operatoria, McGraw-Hill Education. Chiaranda M., Urgenze ed Emergenze - Istituzioni. 3° edizione. Piccin (2011). Linee Guida Italian Resuscitation Council e European Resuscitation Council 2015.

Semester

3 Year - 2 Semester

Assessment method

Open questionsfor an exhaustive verification of the program.

Office hours

On appoitment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING