UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Internal Medicine 4

2526-3-I0101D017-I0101D054M

Aims

At the end of the course, the student will be able to:

Recognize early critical clinical situations (shock, respiratory failure, coma, heart failure, sepsis).
Know the main drugs and infusion solutions used in emergencies, including curars, gaseous and intravenous anesthetics, and analgesics.
Know the equipment for the support of vital functions (respirators, pulsators, etc.).
Describe the clinical pictures of the diseases being treated, including their pathophysiological mechanisms and clinical manifestations (signs and symptoms).(Knowledge and comprehension skills)

Apply knowledge of care to specific clinical settings such as shock, sepsis, respiratory failure, coma and heart failure.
Manage the anaesthesiological care of the surgical patient, using knowledge of equipment and drugs.
Assess and interpret clinical signs and symptoms to identify key variables affecting nursing care. (Ability to apply knowledge and understanding)

Develop critical analysis and decision-making skills in managing emergency situations and therapeutic choices.
Assess the patient’s condition and plan appropriate nursing interventions based on clinical manifestations and pathophysiological mechanisms. (Autonomy of judgment)

Communicate effectively with the multidisciplinary team and patient, explaining clinical conditions and care procedures.
Clearly and accurately document clinical observations, decisions and interventions. (Communication skills)

Keep up to date on new therapies, technologies and guidelines for emergency management and anaesthesiological care.
Develop self-assessment and research skills to deepen their clinical knowledge and skills. (Learning Skills)

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

INTERNAL MEDICINE 4 - Drugs in the emergency. Shock. Coma. Cardiac arrest. Respiratory failure. Intubation. Monitoring in emergency / urgency. The transport of critical patients

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

Lessons carried out in presence mode using the Telededattica system for remote locations

Textbook and teaching resource

Chiaranda M. (2016) Urgenze ed Emergenze – Istituzioni, IV 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 2021.

Semester

3 Year - 2 Semester

Assessment method

Open endend questions for an exhaustive verification of the program.

Office hours

By appointment only

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING