UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Introduction To The Training 4

2526-2-I0101D903-I0101D910M

Aims

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

Knowledge and understanding

Describe the clinical indications, functioning principles, and nursing implications related to the management of nasogastric tubes (NGT), surgical drains, and chest drains.

Understand the basics of hemodialysis management and the principles of extracorporeal circulation.

Demonstrate knowledge of internal and external ventricular drainage systems and related nursing care.

Become familiar with the fundamental principles of scientific literature analysis in nursing practice.

Applying knowledge and understanding

Apply appropriate nursing techniques for the management of NGTs, surgical and chest drains, ventricular drainage, and hemodialysis, in accordance with safety procedures and clinical protocols.

Integrate theoretical knowledge with clinical reasoning to identify and respond to complications related to medical devices.

Initiate the reading and understanding of selected scientific publications, identifying core content and implications for practice.

Making judgements

Identify warning signs of malfunction or clinical risk associated with the devices used (e.g., drains, NGTs, ventricular shunts) and act accordingly, within the scope of the student's level of responsibility.

Critically evaluate the reliability and relevance of scientific sources, distinguishing between evidence-based findings and opinion-based content.
These competencies will be developed through interactive teaching strategies such as simulation, task training, and guided clinical case discussions.

Communication skills

Communicate clinical information related to device management clearly and accurately, contributing effectively to interdisciplinary teamwork.

Summarize and present the key content of a scientific publication in a concise and appropriate manner.
Communication skills will be enhanced through simulations, small group work, and article-based discussions.

Learning skills

Consolidate an autonomous and critical approach to learning, aimed at deepening knowledge of clinical devices and engaging with scientific literature.

Use feedback, peer discussion, and structured reflection to improve clinical reasoning and care planning.
Learning skills will be fostered through active methodologies such as simulations, practical exercises, scientific article review, and reflective practice.

Contents

During the internship will be tested, within the socio-sanitary structures, the contents presented within the courses of the first course with particular reference to the conceptual model in use in the individual sections of the course. Among the aims of the clinical internship is to learn and develop PROFESSIONAL SKILLS divided into six areas: Culture, ethics and values; Health promotion and prevention, guidance and education; Decision making; Communication and teamwork; Research, development and leadership; Nursing.

Detailed program

In preparation for the internship the student will deepen the contents:
• Management of the SNG
• Management of surgical drainage
• Management of Hemodialysis
• Know the principles of extracorporeal circulation
• Management of internal/external ventricular derivation
• Management of chest drainage
• Analysis of scientific publications

Prerequisites

Defined by the Regulations of the Degree Programme

Teaching form

The teaching method develops reaching 1 CFU for a total of 25 hours, divided as follows:
• 10 lessons from 2 hours in front of the course;
• 5 lessons from 1 hour of laboratory activities and exercises, carried out in interactive mode in presence

Textbook and teaching resource

Ausili D., Baccin G., Bezze S., Bompan A., Macchi B, Alberio M., Sironi C., Di Mauro S. (2018) The Model of Human Processes (2018): a theoretical framework for nursing care in the face of the challenge of complexity. CNAI Publication - Accredited Italian Centre for ICNP Research and Development™

Craven RF, Hirnle CJ, Henshaw CM (2024) Basic principles of nursing. 7th edition. Milan: CEA

EFN Competency Framework Document approved by EFN General Assembly, Brussels, April 2015

Herdman TH, Kamitsuru S, Takáo Lopes C (2024) Nanda International. Nursing Diagnosis-Definitions and Classification 2024-2026. Milan: CEA. [in print]

Sironi C. (2010) Introduction to nursing research - The theoretical foundations and the basic elements to understand it in Italian reality

Smeltzer S.C., Bare B., Hinkle J.L., Cheever K.H. (2024) Brunner - Suddarth Infermieristica Medico-Chirurgica (6th edition). Milan: Ambrosiana Publishing House

Semester

2nd Year, 2nd Semester

Assessment method

Attendance at lectures and workshops

Office hours

By appointment with the relevant teachers of the Teachings

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY | REDUCED INEQUALITIES