



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Infermieristica in Chirurgia Specialistica

2627-2-I0101D012-I0101D040M

Aims

General Objective

By the end of the course, students will have developed:

Knowledge and Understanding

The ability to demonstrate a solid understanding of nursing diagnoses related to surgical interventions in selected specialized fields.

Applying Knowledge and Understanding

The ability to plan nursing care by identifying priorities and adapting interventions based on the identified nursing diagnoses.

Making Judgements

The ability to develop critical thinking and independent professional judgement to support nursing care planning, through active learning methods, case discussions, and classroom exercises.

Communication Skills

The ability to communicate and justify nursing diagnoses and related care decisions effectively and appropriately, including in interprofessional contexts, through discussion and simulation activities provided during the course.

Learning Skills

An increased awareness of individual learning needs and the ability to enhance self-directed learning through clinical case analysis, active learning strategies, and participation in practical classroom exercises.

Specific Objectives

By the end of the course, students will be able to:

Knowledge and Understanding

For selected clinical scenarios in surgical specialties, describe:

- The most frequently observed clinical and care-related data
- The characteristic nursing diagnoses and related expected outcomes
- The priority nursing interventions
- The criteria and tools used to evaluate the achievement of care outcomes

Applying Knowledge and Understanding

Apply theoretical and practical knowledge in managing healthcare devices and performing technical skills related to nursing care for patients with specific nursing diagnoses in specialized surgical contexts.

Making Judgements

Develop the ability to recognize, analyze, and critically evaluate nursing diagnoses through guided discussions of clinical cases and active learning activities in the classroom.

Communication Skills

Use appropriate technical language to describe and discuss nursing diagnoses and planned care decisions, also through simulations and group activities.

Learning Skills

Improve autonomous and reflective learning skills through the analysis of proposed clinical situations, practical exercises, and peer and instructor interactions throughout the course.

Contents

The module addresses the nursing care process applied to persons undergoing surgery in selected areas of specialised surgery

Detailed program

Nursing assistance to person undergoing thoracic surgery

person undergoing partial/total pneumectomy. In-depth study on the management of pleural/thoracic drainage and recognition/management of major complications.

Nursing care of person undergoing gynaecological surgery

person undergoing gynaecological surgery of a benign or oncological nature. Focus on issues related to physiological and surgical menopause. Focus on the performance of bladder self-catheterisation.

Nursing assistance to the person undergoing cardiac surgery.

person undergoing myocardial revascularisation surgery, valvular valve repair/replacement surgery, cardiac transplantation and/or left ventricular assist device (LVAD) wearer (hint), effects of intraoperative extracorporeal circulation (ECC)

Insight into epicardial wire management and sternal wound dressing

Nursing the person undergoing abdominal surgery

person undergoing enteric ostomy or urinary diversion surgery. In-depth study of equipment management and management of enteric/urinary ostomies, colostomy irrigation, and recognition/management of major complications.

Nursing assistance to the person undergoing urological surgery

person undergoing nephrectomy (outline), prostate resection surgery, urological surgery in men (phimosis, varicocele, testicular cancer, etc.) Insight into male genital self-examination education, management of continuous

bladder washing

Nursing the person undergoing neurosurgery

person undergoing intracranial surgery. Insight into Intracranial Pressure (ICP) detection, management of the external ventricular shunt (DVE) and internal ventricular shunt (DVI) (hint);

Nursing care of the person undergoing ENT surgery.

person undergoing total laryngectomy, tonsillectomy. Insight into tracheostomy management and recognition/management of major complications.

Nursing care of person undergoing bariatric surgery

person undergoing sleeve gastrectomy surgery, gastric bypass, bilio-pancreatic diversion, adjustable gastric banding. Insight into dumping syndrome

Nursing assistance to person undergoing maxillo-facial surgery

child undergoing cleft lip and palate surgery, person undergoing post craniofacial trauma surgery

Prerequisites

Defined by the academic regulations.

Teaching form

10 lessons of 2 hours each, in the initial part, which is aimed at engaging the students in an interactive way in the following part (e.g. simulated cases, individual and/or group exercises, instructional videos, demonstrations). All activities are carried out in-person.

Textbook and teaching resource

Theoretical reference model

FAEDO VALTELLINO - LECCO - MONZA

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

BERGAMO

-Butcher H. K., Bulechek G. M., Dochterman J. M., Wagner C. M. (2020) NIC Classification of Nursing Interventions. Third Italian edition on the original sixth edition Milan: CEA

-Moorhead S., Swanson E. Johnson M., Maas M. L. (2020) NOC classification of nursing outcomes Measuring health outcomes. Third Italian edition on the original sixth edition Milan: CEA

-NANDA International DIAGNOSIS Nursing Outcomes Definitions and Classification 2021-2023. Milan: CEA

Text useful as an outline for study.

Smeltzer, Bare, Hinkle, Cheever. Brunner, Suddarth, (2017), Medical-Surgical Nursing, CEA, Milan

Theoretical Reference Model

FAEDO VALTELLINO - LECCO - MONZA

-Ausili D., Baccin G., Bezze S., Bompan A., Macchi B., Alberio M., Sironi C., Di Mauro S. (2018) Il Modello assistenziale dei processi umani (2018): un quadro teorico per l'assistenza infermieristica di fronte alla sfida della complessità. Publication by CNAI – Centro Italiano Accreditato per la ricerca e lo sviluppo dell'ICNP™
BERGAMO

-Butcher H. K., Bulechek G. M., Dochterman J. M., Wagner C. M. (2020) Classificazione NIC degli interventi infermieristici. Third Italian edition based on the sixth original edition. Milan: CEA

-Moorhead S., Swanson E. Johnson M., Maas M. L. (2020) Classificazione NOC dei risultati infermieristici Misurazione dei risultati di salute. Third Italian edition based on the sixth original edition. Milan: CEA

-NANDA International DIAGNOSI INFERMIERISTICHE Definizioni e classificazione 2021-2023. Milan: CEA

Text Useful for Study Guidance

Smeltzer, Bare, Hinkle, Cheever. Brunner, Suddarth, (2024), Medico-Surgical Nursing, CEA, Milan

Articles and Guidelines

The material can be accessed from the databases provided by the Department of Medicine and Surgery Library

- Nursing Practice And Skill Educating About Ostomy Surgery Caple, Carita;Seeber-Combs, Colleen 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=3d64da6c-1a41-35a1-b953-403a48eb884d>
- Nursing Practice And Skill Removing and Applying an Ileostomy or Colostomy Appliance Longo, Marianne 2017
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=ec67a183-ab93-3353-ab6b-0d22f3262a5c>
- Nursing Practice And Skill Removing and Applying a Urostomy Pouching System Longo, Marianne;Pilgrim, Jennifer 2017
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=f1f151d5-7ec3-3b24-a4f2-88cd2e11b1d7>
- Nursing Practice And Skill Irrigating a Colostomy Schub, Eliza;Woten, Mary 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=2a43c9e4-1e1c-3b84-bd47-de4b20b0cc49>
- Nursing Practice And Skill Removing and Applying a Urostomy Appliance Schub, Tanja;Longo, Marianne;Pilgrim, Jennifer 2017
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=49dec6a8-0de7-37c4-9576-6be9b29c8495>
- Nursing Practice And Skill Caring for Patients With Continent Cutaneous Reservoirs DeVesty, Gina;Schub, Tanja 2017
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=805a6a19-40c6-3db8-aa42-d9b0164da4b6>
- Nursing Practice And Skill Preventing and Managing Peristomal Skin Complications Schub, Eliza 2017
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=2d708986-ba69-39f7-81b6-b05b4e6d7be2>
- Nursing Practice And Skill Providing Tracheostomy Care for Adults in Acute Care Boling, Bryan 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=9bc3542a-565f-301b-83ef-237496395779>
- Nursing Practice And Skill Educating About Tracheostomy Schub, Eliza 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=a97cbea9-77ea-3928-ae93-8becb21142ef>
- Nursing Practice And Skill Monitoring Tracheostomy Tube Cuff Pressure and Inflation/Deflation Caple, Carita;Breeding, Andrea 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=08b6acff-cbc3-3a89-a228-04ceb4925b9c>
- Skill Competency Checklist Administering Oxygen Therapy by Tracheostomy Mask to Adults Walsh, Kathleen 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=1ca756c9-f173-3695-921d-105b08f980a5>
- Nursing Practice And Skill Educating About Tonsillectomy in Pediatric Patients Engelke, Zeena;Schub, Eliza 2018
<https://research-ebsco-com.unimib.idm.oclc.org/c/4gdbte/viewer/html/7rfnt2u5p5>
- Quick Lesson Open Heart Surgery: an Overview Ashley, Tamra J.;Schub, Tanja 2009
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=71ec4aeb-44e2-390e-8258-1c45164a5660>
- Evidence-Based Care Sheet Open Heart Surgery March, Penny;Oji, Obiamaka 2009
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=74bc7378-f1e3-3c06-947f-2535f4dcdd8b>
- Quick Lesson Coronary Artery Bypass Graft Surgery: an Overview Schub, Tanja;Karakashian, Arsi L. 2009
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=afe4a239-f251-3523-b100-2dbdf6159907>
- Evidence-Based Care Sheet Coronary Artery Bypass Graft Surgery: Postoperative Complications Schub, Tanja;Heering, Helle 2009
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=...>

com.unimib.idm.oclc.org/linkprocessor/plink?id=afe4a239-f251-3523-b100-2dbdf6159907

- Nursing Practice And Skill Managing Epicardial Pacing Wires and the Exit Site Nyhus, Julie 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=dcab9a9e-1478-358c-9acd-6d1bfcd24ae9>
- Disease Condition Cardiac Tamponade Kies Engelke, Zeena 2020
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=534d7f6f-f3e5-315b-9067-397a72f0b9d7>
- Quick Lesson Heart Failure: Surgery -- Heart Transplantation Schub, Tanja;Cabrera, Gilberto 2007
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=da106fb8-7171-3321-9cde-69977d07f78e>
- Quick Lesson Craniotomy Boling, Bryan 2009
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=84f6f90a-e1c1-3f4f-9618-9a22e0e7d039>
- Nursing Practice And Skill Monitoring Intracranial Pressure in Adults Using an External Ventricular Drainage System Cleveland, Courtney;Woten, Mary 2017
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=e992b0f6-67db-31b6-9bc1-5c224ec48e6f>
- Nursing Practice And Skill Draining Cerebrospinal Fluid to Control Intracranial Pressure Heering, Helle;Cleveland, Courtney 2017
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=f8e020dd-b9bb-3fd3-a9e7-a539b65efb06>
- Nursing Practice And Skill Managing an External Ventricular Drain in Adults Nyhus, Julie;Caple, Carita 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=8870e864-80e4-3562-bbb9-7ae7aa052f28>
- Nursing Practice And Skill Assessing Patency of an External Ventricular Drain Schub, Tanja;Caple, Carita 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=96c119a1-cc92-35c9-97f8-19bf1828f613>
- Nursing Practice And Skill Educating About Prostatectomy Schub, Tanja 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=81594aee-2b10-3ad9-991f-c040c1f15680>
- Nursing Practice And Skill Performing Urinary Catheter Care Following Transurethral Resection of the Prostate (TURP) Pilgrim, Jennifer;Tichich, Ellen 2018
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=f2b79df0-24ed-311f-9477-181b103af347>
- Nursing Practice And Skill Educating About Testicular Self-Examination Engelke, Zeena;Gilbert, Robin 2017
<https://research-ebsco-com.unimib.idm.oclc.org/linkprocessor/plink?id=334c5ee5-337d-3f95-b28b-24c7f658914d>

Further Reading

ACC/AHA/SCAI (2021) Guideline for Coronary Artery Revascularization: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines

AIOM (2020) Linee guida tumori del rene

RNAO (2019) Supporting Adults Who Anticipate or Live with an Ostomy. Available at:

SICOB-SIAARTI (2020), STATEMENT SICOB-SIAARTI SU ERAS IN CHIRURGIA BARIATRICA (ERABS)

UOAA Intimacy After Ostomy Surgery Guide

Semester

2nd Year, 2nd Semester

Assessment method

see general course page

Office hours

On appointment

Sustainable Development Goals

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