



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Infermieristica in Chirurgia Specialistica

2324-2-I0101D012-I0101D040M

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#### Aims

##### General Objective

At the end of the course, the student will be able to plan nursing care for the person undergoing surgery in selected areas of specialised surgery, identifying nursing priorities and contextualising the interventions.

##### Intermediate goals

at the end of the course the student will be able to:

- describe, for selected speciality-related clinical pictures
- \* the most frequently detectable data
- \* the characteristic nursing diagnoses and their outcomes
- \* the main nursing interventions
- \* the ways of assessing the achievement of nursing outcomes

-- to describe the management of certain health care devices and/or practical skills related to nursing care of persons undergoing specialised surgery

#### 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**

Lectures with implementation of simulated cases, individual and/or group exercises, instructional videos, demonstrations.

## 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

### Articles and Guidelines

The material is available from the databases provided by the Library of the Department of Medicine and Surgery

CCaple, C.R.B.M. and DeVesty, G.B.M. (2018) 'Fecal Ostomy Appliances: Types -- an Overview', CINAHL Nursing Guide [Preprint]. Edited by R.P.F. Pravikoff D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T703907&site=nup-live&scope=site>

Caple, C.M.B.R. and Seeber-Combs, C.M.R. (2022) 'Educating About Ostomy Surgery', CINAHL Nursing Guide [Preprint]. Edited by M.B.R.F. Hanson D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T706610&site=nup-live&scope=site>

Schub, E.B.R. and Woten, M.M.R. (2022) 'Irrigating a Colostomy', CINAHL Nursing Guide [Preprint]. Edited by M.R. Seeber-Combs C and M.B.R.F. Hanson D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T703901&site=nup-live&scope=site>

Schub, T.B. and Longo, M.M.F.-B.A. (2022) 'Removing and Applying a Urostomy Appliance', CINAHL Nursing Guide [Preprint]. Edited by M.R. Seeber-Combs C and M.B.R.F. Hanson D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T704028&site=nup-live&scope=site>

DeVesty, G.B.M. and Schub, T.B. (2021) 'Caring for Patients With Continent Cutaneous Reservoirs', CINAHL Nursing Guide [Preprint]. Edited by M.B.R.F. Hanson D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T703854&site=nup-live&scope=site>

Boling, B.R.D.-C. and Longo, M.M.F.-B.A. (2023) 'Providing Tracheostomy Care for Adults in Acute Care', CINAHL Nursing Guide [Preprint]. Edited by M.R. Seeber-Combs C and M.B.R.F. Hanson D. Available at: <https://search.ebscohost-com.unimib.idm.oclc.org/login.aspx?direct=true&db=nup&AN=T703833&site=nup-live&scope=site>

Webb, J.M.F.Bc.A. and Caple, C.M.B.R. (2023) 'Managing an External Ventricular Drain in Adults', CINAHL Nursing Guide [Preprint]. Edited by M.R. Woten M and M.B.R.F. Hanson D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T705201&site=nup-live&scope=site>.

Cleveland, C.M.A.F.-C. and Woten, M.R.B. (2022) 'Monitoring Intracranial Pressure in Adults Using an External Ventricular Drainage System', CINAHL Nursing Guide [Preprint]. Edited by M.B.R.F. Hanson D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T704015&site=nup-live&scope=site>.

Boling, B.R.D.-C. and Caple, C.M.B.R. (2023) 'Caring for Patients After Coronary Artery Bypass Graft (CABG) Surgery', CINAHL Nursing Guide [Preprint]. Edited by M.R. Woten M and M.B.R.F. Hanson D. Available at:

<https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T904148&site=nup-live&scope=site>.

Nyhus, J.M.F.Bc.A. (2023) 'Management of epicardial pacing wires and exit site', CINAHL Nursing Guide [Preprint]. Edited by M.R. Woten M and M.B.R.F. Hanson D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T913333&site=nup-live&scope=site>.

Ashley, T.R.M.C.I. and Schub, T.B. (2018) 'Open heart surgery: an overview', CINAHL Nursing Guide [Preprint]. Edited by R.P.F. Pravikoff D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T704174&site=nup-live&scope=site>.

Pilgrim, J.R.B.M. and Tichich, E.M.M.R.N.-B. (2022) 'Urinary catheter care after transurethral resection of the prostate (TURP)', CINAHL Nursing Guide [Preprint]. Edited by M.R. Seeber-Combs C and M.B.R.F. Hanson D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T705760&site=nup-live&scope=site>.

Carmack A (ed) (2022) 'Transurethral resection of the prostate', Health Library: Evidence-Based Information [Preprint]. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=2009866871&site=nup-live&scope=site>

Engelke, Z.R.M. and Gilbert, R.M. (2022) 'Educating testicular self-examination', CINAHL Nursing Guide [Preprint]. Edited by N.M.B.R.F.-C. Brown J and M.B.R.F. Hanson D. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T706474&site=nup-live&scope=site>

### ***Approfondimenti\****

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 <https://www.ahajournals.org/doi/10.1161/CIR.000000000001038>

AIOM (2020) Linee guida tumori del rene <https://www.aiom.it/linee-guida-aiom-2020-tumori-del-rene/>

RNAO (2019) Supporting Adults Who Anticipate or Live with an Ostomy. available at: [https://rnao.ca/bpg/guidelines/ostomy?\\_ga=2.39416035.1959831957.1685095484-1734454901.1685095484&\\_gl=112kpwkh\\_gaMTczNDQ1NDkwMS4xNjg1MDk1NDg0\\_ga\\_4Y35X117T7\\*MTY4NTA5NTQ4NC4xLjEuMTY4NTA5NTUwNi4wLjAuMA....](https://rnao.ca/bpg/guidelines/ostomy?_ga=2.39416035.1959831957.1685095484-1734454901.1685095484&_gl=112kpwkh_gaMTczNDQ1NDkwMS4xNjg1MDk1NDg0_ga_4Y35X117T7*MTY4NTA5NTQ4NC4xLjEuMTY4NTA5NTUwNi4wLjAuMA....)

SICOB-SIAARTI (2020) STATEMENT ON ERAS IN BARIATRIC SURGERY (ERABS)

UOAA guide to intimacy after ostomy surgery <https://www.ostomy.org/wp-content/uploads/2018/03/Intimacy-After-Ostomy-Surgery-Guide.pdf>

Material shared by lecturers on the elearning portal

## **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

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