

## CLINICAL NURSING IN ONCOLOGY CARE

Coordinator of the course: Vargas Jazmin

Year/semester: 2nd year/2nd semester

**ECTS: 3**

MODULE	SSD	ECTS	HOURS
Onco-Hematology	MED/06	1	15
Clinical Psychology	M-PSI/08	1	15
Clinical and Paediatric General Nursing Sciences	MED/45	1	15

### COURSE OBJECTIVES:

The Integrated Course of Clinical Nursing in Oncology Care aims to teach the biological bases, epidemiology and risk factors, diagnostic and therapeutic aspects of oncological diseases. By the end of the course, students will have acquired the knowledge and skills necessary to approach cancer patients according to their pathology, while also considering the psychological aspects. They will know how to adjust their care interventions based on the patient's treatment and manage any side effects.

In order to guarantee personalised care, it is important to be aware of predispositions, whether genetic, environmental or linked to lifestyle, in order to support the choice of correct behaviour and adherence to primary, secondary and tertiary prevention programmes.

It is also essential to know the scope of current treatment options and the possible side effects, and to differentiate between preoperative, complementary and advanced disease treatment.

The student will acquire knowledge and competencies in the management of palliative care and end-of-life care.

The student will acquire basic knowledge of clinical research.

**TEACHING METHODS:** Lectures, watching video-clips, plenary discussions, group work, simulations

**ASSESSMENT METHOD:** Written examination with multiple-choice answer

**PREREQUISITES:** None

- Verify, intervene and monitor the effects of nursing interventions in the patient with frequent onco-haematological problems: nausea/vomiting, constipation, diarrhoea, asthenia, fatigue, altered body image, immunodepression;
- Support patients' learning to self-manage the main side effects of chemotherapy;
- Know of occupational risk related to the handling and manipulation of chemotherapeutic drugs
- Know of nutritional aspects and malnutrition in cancer patients;
- Activate the main palliative care strategies and techniques for the management of patients with advanced cancer problems.

**SUGGESTED READING:**

- “Brunner Suddarth. Infermieristica medico-chirurgica”, Janice L. Hinkle, Kerry H. Cheever, CEA, 2017
- In-depth articles provided by the professor

**ADVANCED READING:**

- “Oncologia e cure palliative” di Carpanelli, Canepa, Bettini, Viale, McGraw-Hill, 2002
- “Assistenza infermieristica in oncologia” di AIAO Associazione Infermieri di Assistenza Oncologica – Magri, Masson, 2007
- “L’infermiere in oncologia - La gestione dei farmaci antitumorali” di Carpanelli, Mazzufero, Pellachin, Carrocci Faber, 2008

**CONTENT:**

- **EDUCATIONAL ROLE OF THE NURSE FOR PREVENTION**
  - Primary prevention: European strategies against cancer
  - Secondary prevention: screening in oncology
- **CANCER TREATMENT: CHEMOTHERAPY**
  - Classification of antitumor drugs
  - Antitumor drug management: handling, administration and management of accidental spillage
  - Drug extravasation: mechanism of action, types and treatment of extravasation injuries
  - Managing the main side effects of antitumor drugs
- **NUTRITION IN CANCER AND CHEMOTHERAPY PATIENTS**
  - Nutritional assessment: symptoms and signs of malnutrition
  - Neoplastic cachexia
  - Nutrition education and information
- **ROLE OF THE PALLIATIVE CARE NURSE**
  - Objectives of palliative care
  - Care contexts
  - Nursing care of the terminal cancer patient