

Course Unit	Medical-Surgical Nursing II	Field of study	Nursing
Bachelor in	Nursing	School	School of Health
Academic Year	2022/2023	Year of study	2
Type	Semestral	Semester	1
Level	1-2	ECTS credits	6.0
Code	9501-699-2104-00-22		
Workload (hours)	162	Contact hours	T - , TP 75, PL - , TC - , S - , E - , OT - , O -

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Matilde Delmina da Silva Martins

### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Identify Nursing focuses on people with gastrointestinal, hepatobiliary, pancreatic, metabolic, endocrine, immune and hematologic changes.
2. Understand the pathophysiological processes inherent to each of the changes and clinical manifestations observed in the person / family.
3. Develop the nursing diagnoses according to the changes in the person / family.
4. Identify the expected responses of the person / family to the nursing care plan.
5. To recognize the autonomous and interdependent interventions in the person who needs nursing care.
6. Carry out nursing procedures and techniques in the laboratory context, applying scientific knowledge.

### Prerequisites

Not applicable

### Course contents

Nursing care in an holistic perspective directed to the prevention and resolution of middle and high risk problems related to the therapeutical act and to the ones related to endocrine metabolic and immune, gastrointestinal, liver and biliary system and pancreatic, and hematological.

### Course contents (extended version)

1. Intervention to the person / family with Gastrointestinal amendment, Bile, Pancreatic, Hepatic:
  - Evaluation of the person with Gastrointestinal, Biliary, Pancreatic and Hepatic alterations.
  - Amendment of the mouth and esophagus: caries, periodontitis, DRGE, achalasia and hiatus hernia.
  - The person with gastroduodenal disorders: peptic disease; HDA and neoplasms.
  - The person with inflammatory bowel disease, appendicitis, diverticulitis and peritonitis.
  - The person with occlusive disease, colorectal cancer and surgical ostomy.
  - The person with malabsorption syndrome and malnutrition. Parenteral and enteral feeding
  - The person with anorectal disease.
  - The person with biliary and pancreatic amendment: Cholestasis and pancreatitis.
  - The person with hepatic amendment: Cirrhosis and hepatitis.
  - Nursing care for the person with Gastrointestinal, Biliary, Pancreatic, Hepatic changes.
2. Nursing intervention to the person / family with metabolic endocrine amendment:
  - Evaluation of the person with alterations of endocrine metabolic function.
  - Changes in the pituitary, thyroid, parathyroid, and adrenal glands.
  - The person with Diabetes Mellitus: Concept, Type, risk factors and manifestations.
  - Acute complications of Diabetes Mellitus. Acute complications of Diabetes Mellitus.
  - Chronic complications of Diabetes Mellitus.
  - Health education for people with diabetes Mellitus.
  - Monitoring of the person with diabetes Mellitus.
  - Evaluation of capillary glycemia and insulin therapy.
3. Nursing intervention to the person / family with Immunological changes:
  - Evaluation of the person with immunological changes.
  - The person with immunological amendment.
  - The person with Hypersensitivity reaction type I, II, III and IV Anaphylaxis
  - The person with Immunodeficiencies.
  - The person with autoimmune disease.
  - The person with HIV infection and AIDS.
4. Nursing intervention to the person / family with hematological alterations:
  - Evaluation of the person with hematological amendment;
  - The person with changes of erythrocytes: anemias.
  - The person with Leukocyte amendment: Leukemias.
  - The person with change in hemostasis, platelets and coagulation.
  - The person with amendment of the lymphocyte Lymphedema, hodgkin's lymphoma, non-hodgkin's lymphoma

### Recommended reading

1. Monahan, F. D. , Sands, J. K. , Neighbors, M. , Marek, J. F. , & Green, C. J. (2010). Phipps enfermagem médico-cirúrgica: perspectivas de saúde e doença (8.ª Ed. ). Loures: Lusodidata.
2. Thelan, L. A. ; Davie, J. K. ; Urden, L. D. & Mary, L. E. (2008). Enfermagem em cuidados intensivos. Diagnóstico e intervenção. Lisboa: Lusodidata.
3. Kutty, K. , SchaPira, R. M. , & Van Ruiswyk, J. (Ed. ). (2005). Kochar - Tratado de Medicina Interna. (4ª ed. ). Rio de Janeiro: Guanabara Koogan.
4. Ordem dos Enfermeiros. (2011). Classificação Internacional para a Prática de Enfermagem. Versão 2. 0. Ordem dos Enfermeiros: Lisboa.
5. Howard, P. K. & Steinmann, R. A. (2011). Enfermagem de urgência da teoria à prática. 6ª ed. Loures: Lusociência.

### Teaching and learning methods

-Theoretical and practical lessons will be the exhibition, interactive and demonstrative method using the discussion of clinical cases, in house movies, and demonstration of technical procedures and execution of the same by the student.

### Assessment methods

1. Summative evaluation - (Regular, Student Worker) (Final)
  - Final Written Exam - 100% (Individual written test)
2. Exam - (Regular, Student Worker) (Supplementary, Special)

**Assessment methods**

- Final Written Exam - 100% (Individual written test)

**Language of instruction**

Portuguese, with additional English support for foreign students.

**Electronic validation**

Matilde Delmina da Silva Martins	Andre Filipe Morais Pinto Novo	Maria Eugénia Rodrigues Mendes	Adília Maria Pires da Silva Fernandes
02-03-2023	02-03-2023	02-03-2023	07-03-2023