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# FISIOPATOLOGIA, SEMEIOTICA E METODOLOGIA CLINICA - channel 7

8 CFU - 2° Semester

## Teaching Staff

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## LEARNING OBJECTIVES

### ▪ SURGICAL PATHOPHYSIOLOGY, SEMEIOLOGY AND CLINICAL METHODOLOGY

- 1) Introduction of the medical student to the first approach with the patient (and also to the relatives) to help him to become confident and able to conduct a complete clinical visit . A complete teaching of the collection of clinical history and of the General and also local VISIT .
- 2) Introduction and tutoring of clinical reasoning around the pathophysiology of the main surgical disease and syndromes . Discussion and explaining of algorithms and logical thinking concerning the symptoms and of the steps of the tools for the diagnosis.
- 3) Teaching to recognize of the symptoms and their relationship with the pathophysiology of the disease and also with the specific diagnostic tools (CT scan, ultrasonography , Xray, endoscopy) ologia corretta .
- 4) Achievement of a clinical reasoning with a correct methodology.
- 5) Achievement of relevant autonomy in the correct writing of the medical record of a patient.

## **COURSE STRUCTURE**

### **▪ SURGICAL PATHOPHYSIOLOGY, SEMEIOLOGY AND CLINICAL METHODOLOGY**

- 1) Lectures with clinical reasoning concerning the methodology of the pathophysiology of the diseases and their clinical appearance.**
- 2) Presentation of true clinical cases, frequent and rare or particular, with pictures and images and also intraoperative images.**
- 3) Movies of surgical procedures with demonstrations of true data of clinical cases.**
- 4) Clinical internship in little groups of students at the Units of General Surgery or Emergency /MCAU -**
- 5) Evaluation, clinical history and visit of patients affected by acute and chronic surgical diseases.**
- 6) Practical explanation and tutoring of clinical semeiology on the patient.**
- 7) Practical teaching of correct writing of medical records.**

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## **DETAILED COURSE CONTENT**

### **▪ SURGICAL PATHOPHYSIOLOGY, SEMEIOLOGY AND CLINICAL METHODOLOGY**

- 1) Clinical history, symptoms, and medical examination of the patient.
- 2) Pathology of the abdominal wall, incisional hernia and hernia.
- 3) Biliary diseases , stones and jaundice .
- 3) Pathophysiology of the pancreas and acute pancreatitis.
- 4) Portal hypertension and portal vein thrombosis.
- 5) Pathophysiology of Shock , hypovolemic and septic shock.
- 6) Medical examination , and diagnostic methodology of the diseases of the breast.
- 7) Diseases of the esophagus , and pathophysiology of esophageal motility.
- 8) Neoplastic diseases of the digestive tract ,general aspects pathophysiology and symptoms.
- 9) Haemorrhagic syndromes of the digestive tract and pathophysiological aspects.
- 10) The thyroid gland : general aspects pathophysiology and symptoms and diagnostic methodology
- 11) The acute abdomen , causes and pathophysiology.
- 12) Ischemic syndromes of the limbs pathophysiology and semeiology
- 13) I.B:D Inflammatory Bowel Diseases

13) Intestinal obstruction pathophysiology classification, syndromes and symptoms

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## **TEXTBOOK INFORMATION**

### **▪ SURGICAL PATHOPHYSIOLOGY, SEMEIOLOGY AND CLINICAL METHODOLOGY**

1) CHIRURGIA di RENZO DIONIGI - Editore: Elsevier

2) Il Rasario. Semeiotica medica. 2010 Tamburino G e Castellino

3) Manuale di Semeiotica e Metodologia Chirurgica - di Basile - Di Candio - Bellantone - Biondi - Dionigi - Docimo - Lombardi, Editore: Edra - Masson

4) Sabiston Textbook of Surgery 19th Edition Townsend ,Ed

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