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# CHIRURGIA GENERALE UROLOGIA E DIAGNOSTICA PER IMMAGINI - channel 2

6 CFU - 2° Semester

## Teaching Staff

**GAETANO LA GRECA** - Module GENERAL SURGERY, UROLOGY and DIAGNOSTIC IMAGING - MED/18 - 2 CFU

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## LEARNING OBJECTIVES

### ▪ GENERAL SURGERY, UROLOGY and DIAGNOSTIC IMAGING

1. Introduction and tutoring the student to the general aspects and knowledge of pathophysiology of surgical diseases and to main symptoms and semeiology, diagnostic work-up and finally to the principles of surgical treatment.
2. Knowledge of the main perioperative issues and problems concerning the most frequent surgical procedures
3. Knowledge of the main procedures and diagnostic tools for the preoperative evaluation and scheduling of surgical patients.

### ▪ UROLOGIA

At the end of the module, the student will develop the cognitive, clinical judgment and communication skills necessary to take charge of the person with health problems that require urological competence treatments, in an elective and urgent regime, selected on the basis of their relevance epidemiological and exemplarity. He will also have acquired the knowledge, on urological problems, on etiopathogenesis, epidemiology (in particular old age) and clinical aspects, and

primary and secondary prevention, with elements that allow the cultural and operational sharing of the ' use of technologies in the diagnostic-therapeutic process. Problems treated: Urinary tract infections, Pathophysiology of urination (problems of filling and emptying of the bladder), neoplasms of urological relevance, general post-operative management of the urological patient in the short and long term. With respect to the selected clinical situations of surgical interest, the student must be able to: Acquire knowledge on surgical and endoscopic procedures of: Kidney, upper urinary tract, bladder, and prostate. Identify the main problems of the person undergoing surgery in the perioperative phase such as: cystoclysis management, catheter management, urostomy management, support for functional recovery and rehabilitation and related nursing interventions, all based on scientific evidence. In addition, he must be able to identify educational interventions aimed at people who need to continue treatment at home or continue self-management of the disease.

## **COURSE STRUCTURE**

### **▪ GENERAL SURGERY, UROLOGY and DIAGNOSTIC IMAGING**

#### **▪ GENERAL SURGERY**

**1) Theoretical lectures and meetings with inclusion of clinical and methodological workup based on pathophysiology of different diseases and different clinical cases.**

**2) Presentation of true clinical cases , if possible particular or common and frequent cases using also pictures and patients's data and also intraoperative pictures.**

**3) Presentation of movies concerning surgical procedures to show and discuss also diagnostic workup**

**4) By need and request : Tutored Practice at the Emergency dept.or surgical Unit at the Cannizzaro Hospital.**

### **▪ UROLOGIA**

practical course

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## **DETAILED COURSE CONTENT**

### **▪ GENERAL SURGERY, UROLOGY and DIAGNOSTIC IMAGING**

#### **▪ MAIN ISSUES GENERAL SURGERY**

1) Hernias and incisional hernia : General aspects and knowledge Classification and treatment

2)Biliary diseases , gallstones , jaundice : General aspects, classification and treatment

3) Surgical diseases of the oesophagus . GERD

4) Bowel Obstruction

- 5) Abdominal stomas
- 6) Acute Pancreatitis General aspects and pathophysiology
- 7) Shock : Hypovolemic and septic - General aspects ,causes and treatment
- 8) Tumoral diseases of the digestive tract : General aspects and symptoms.
- 9) Bleedings syndroms of digestive tract dell'apparato digerente (portal hypertension, esophageal varices, melena, rettal bleeding
- 10) Appendicitis, diverticulitis, colecistitis e peritonitis
- 11) Diverticular disease of the colon
- 13) Politrauma and abdominal trauma. Generalità , definizioni complicazioni gestione pre ed itraospedaliera
- 14) Drains, Nasogastric tube, catheters

▪ **UROLOGIA**

***Should teaching be carried out in mixed mode or remotely, it may be necessary to introduce changes with respect to previous statements, in line with the programme planned and outlined in the syllabus.***

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**TEXTBOOK INFORMATION**

▪ **GENERAL SURGERY, UROLOGY and DIAGNOSTIC IMAGING**

▪ **GENERAL SURGERY**

1) CHIRURGIA di RENZO DIONIGI - Edi: Elsevier

2) ANY ACTUAL BOOK (> 2010) CONCERNING SURGERY FOR MEDICAL STUDENTS or NURSES

▪ **UROLOGIA**

F. Porpiglia, I edizione (2015), Minerva Medica Editore

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