



GENERAL SURGERY

Course: General Surgery
Year: 3rd
Period: 1st Semester
Credits: 3 credits

Objectives

Knowledge and understanding

By the end of the course, the students will:

- Know the principles of the surgical approach to patients
- Understand the criteria for evaluating a surgical candidate
- Understand the rules for a correct surgical approach to oncological diseases and trauma patients
- Know the different surgical approaches
- Know the principles of postoperative management
- Understand the main postoperative risks
- Know some of the commonest surgical diseases, i.e., hernia, intestinal obstruction, and acute abdomen
- Know the main metabolic alterations related to surgery
- Understand the quality check in surgery and the approach to clinical research in surgery
- Understand the indication and outcome of solid organ transplantation
- Know the principles of a global surgery approach
- Know available technologies in surgery

Knowledge acquired during this course is essential to reach an overview of surgical sciences and the surgical approach to patients. This exam is propaedeutic to the beginning of the professional activity as a Medical Doctor.

Application of knowledge and understanding

By the end of the course, the students will be able to:

- Provide a global evaluation of the operative risk
- Identify fragile patients
- Approach patients in their postoperative setting
- Face the commonest postoperative complications (bleeding/sepsis)
- Plan the preliminary step of management of some of the commonest surgical diseases, i.e., hernia, intestinal obstruction, and acute abdomen
- Check for safety and quality of surgery



Prerequisites

To better understand the course content, students should have passed the exams of:

BUILDING BODIES
BODY ARCHITECTURE
THE CELL: FUNCTIONS AND CONTROL
BODY AT WORK 1-2
MECHANISM OF DISEASES 1-2

Nevertheless, the abovementioned courses are not mandatory to attend the exam of General Surgery



Texts

Townsend, et al.
Sabiston Textbook of Surgery, 20th Edition
Publisher: Elsevier

Online resource

UpToDate
<https://www.uptodate.com>