

CLINICAL CLERKSHIP IN SURGERY

COURSE OUTLINE

LEVEL OF STUDIES	<i>Undergraduate</i>		
COURSE CODE	cod.Und. CL.B	SEMESTER	9 th – 10 th
TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	ECTS Credits
Practical Training		40	28
No of Teaching Hours: 640			
PREREQUISITES	Theoretical background in Surgery		
(URL) of course	https://elearn.uoc.gr/		

LEARNING OUTCOMES

a) Enrichment of theoretical knowledge

In the Clinical Clerkship, the student should:

- Learn how to evaluate the history and physical examination in order to prepare a list of possible causes (from the symptom to the disease).
- Learn how to proceed to the differential diagnosis with appropriate ranking of paraclinical tests
- Have a justified opinion on the treatment regimen of the patient and alternatives.
- Be familiar with the most common operating techniques of General Surgery, at least in terms of terminology and purpose of the operation.
- Be able to monitor the patient and be aware of possible post-operative complications
- Be able to discern whether there is a serious disorder of homeostasis and to prioritize it in terms of urgency.
- Evaluate the prognosis of various diseases and schedule their long-term post-operative follow-up.
- Be able to use the above knowledge in order to successfully treat emergencies and acute surgical conditions.

b) Acquisition of basic surgical skills

The student should

- Be able to recognize the basic surgical instruments and their use.
- Learn how to handle sterile surgical material and how to circulate in the operating theatre
- Become familiar with the pre-operative preparation of the patient and the preparation of the assisting surgeon. The student should be able to effectively help in an operation.
- Be able to perform minor surgical procedures, such as venepuncture, arterial puncture, wound dressing, suture cutting, wound suturing, catheter placement, drainage tube removal, fluid collection drainage, stoppage of external bleeding, etc.

- To be useful and effective in the smooth running of the Outpatient Clinic, the surgical wards, the Operating Room, helping to carry out the daily routine and taking initiatives.

c) Acquisition of practical experience

During the clinical clerkship the student should learn how to manage surgical patients, under supervision and guidance: to order, receive and examine the necessary paraclinical tests, plan the surgery, collect the histology test results, write discharge notes, monitor charts and drug treatment regimens. Generally, the student should become familiar with the management of patients in a Surgical Department.

COURSE CONTENT

- Cases in outpatient clinics, Intensive care cases, completion of patients' notes
- Dressing of surgical wounds, soft tissue trauma suturing
- Foley catheter placement, venous or arterial "line" placement, nasogastric tube insertion
- Participation in the ward rounds led by the Head of the Dept.
- Case presentation, Participation in scheduled surgical operations and in emergency surgery
- Taking part in on-call duty, taking an urgent history and performing an urgent clinical examination
- Attendance in lectures, discussion of interesting cases, complications and death
- Completion of research protocols, academic presentations

TEACHING METHOD

Seminars, Bedside Teaching

STUDENT ASSESMENT

Oral examination