

COURSE INFORMATION					
Course Title	Code	Semester	Lecture+Practice+Labrotory Hour	Credits	ECTS
General Surgery/Emergency Medicine (Clinical Internship)	MED 602	6/11-12	240	10	10*

* ECTS credits are the university credits of the courses in Yeditepe University, Faculty of Medicine, Undergraduate Medical Education Program

Prerequisites	The student that joins this course, should have at least the Phase 5 knowledge level in medical faculty.
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Language of Instruction	English
Course Level	Second-cycle higher education (i.e. QF-EHEA-2, EQF-LLL-7, TYYÇ-7) with Master's Degree/ "Regulated Professions" legislation by EU 2005/36/EC Directive
Course Type	Compulsory
Course Coordinator	Kinyas Kartal, MD. Assoc. Prof.
The instructors	Özcan Gökçe, MD. Prof. Neşet Köksal, MD. Prof. Erhan Ayşan, MD . Prof. Kinyas Kartal, MD. Assist. Prof. Ali Ediz Kıvanç M.D
Assistants	-
Goals	The purpose of the General Surgery internship is to train physicians who can manage the surgical digestive system, endocrine system, breast and emergency diseases, wound care and organ transplantation cases in primary health care institutions, consult the patient with other branches, organize treatment and/or follow-up, provide appropriate transport conditions and refer to health institutions when necessary.

Course content

For further details please see Academic Program Book of Phase VI at https://med.yeditepe.edu.tr/sites/default/files/donem_vi_2021-27.12.2021v7.pdf

	Monday	Tuesday	Wednesday	Thursday	Friday
08.30-09.00	Introductory Session Introduction to General Surgery	Clinical Experience (Inpatient)	Clinical Experience (Inpatient)	Clinical Experience (Inpatient)	Clinical Experience (Inpatient)
09.00-12.00	Clinical Experience (Out patient)	Clinical Experience (Out patient)	Clinical Experience (Out patient)	Clinical Experience (Out patient)	Clinical Experience (Out patient)
12.00-12.30	Lunch	Lunch	Lunch	Lunch	Lunch
12.30-13.15	Clinical Experience (Out patient)	Clinical Experience (Out patient)	Independent Learning	Clinical Experience (Out patient)	Independent Learning
13.15-16.00	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-17.50					

	Monday	Tuesday	Wednesday	Thursday	Friday
08.30-09.00	Clinical Experience (Inpatient)	Clinical Experience (Inpatient)	Multi-disciplinary Case Discussion Conference Hall Kozyatağ	Clinical Experience (Inpatient)	Clinical Experience (Inpatient)
09.00-12.00	Clinical Experience (Out patient)	Clinical Experience (Out patient)	Student-Centred, Symptom-Based Learning Session Conference Hall All Groups (I-VI)	Clinical Experience (Out patient)	Clinical Experience (Out patient)
12.00-12.30	Lunch	Lunch	Lunch	Lunch	Lunch
12.30-13.15	Clinical Experience (Out patient)	Clinical Experience (Out patient)	Independent Learning	Clinical Experience (Out patient)	Independent Learning
13.15-16.00	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Student-Centred, Symptom-Based Learning Session Conference Hall All Groups (I-VI)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)

16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-17.50					

**General Surgery
Phase VI Week IV**

	Monday	Tuesday	Wednesday	Thursday	Friday
08.30-09.00	Clinical Experience (Inpatient)	Clinical Experience (Inpatient)	Clinical Experience (Inpatient)	Clinical Experience (Inpatient)	Clinical Experience (Inpatient)
09.00-12.00	Clinical Experience (Out patient)	Clinical Experience (Out patient)	Student-Centred, Symptom-Based Learning Session Conferens Hall All Groups (I-VI)	Clinical Experience (Out patient)	Clinical Experience (Out patient)
12.00-12.30	Lunch	Lunch	Lunch	Lunch	Lunch
12.30-13.15	Clinical Experience (Inpatient)	Clinical Experience (Inpatient)			
13.15-16.00	Clinical Experience (Out patient)	Clinical Experience (Out patient)	Student-Centred, Symptom-Based Learning Session Conferens Hall All Groups (I-VI)	Clinical Experience (Out patient)	Program Evaluation Session Review of the learning aims, Evaluation of the Course Program <i>Head of General Surgery</i>
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-17.00					

1 Seminar (all groups: All phase VI groups will attend Hospital 2nd Floor, Conference Hall

2. During Clinical experience all interns may attend to the operations (scrubbed, as a first assistant). And they must obey the all of the rules of operating theatre.

3. All interns may attend the patient visits of surgeons.

<p style="text-align: center;">Learning outcomes</p> <p>the end of this clerkship, student should be able to;</p>	<p style="text-align: center;">Program Learning Outcomes</p>	<p style="text-align: center;">Teaching Methods</p>	<p style="text-align: center;">Assessment Methods</p>
General and symptom-based patient interview	1.1.3, 1.1.4, 1.1.5	1,2,3	B,C
Assessing mental status	1.1.3, 1.1.4, 1.1.5	1,2,3	B,C
Head-Neck and ENT examination	1.1.3, 1.1.5	1,2,3	B,C
Abdominal physical examination	1.1.3, 1.1.5	1,2,3	B,C
Digital rectal examination	1.1.3, 1.1.5	1,2,3	B,C
General condition and vital signs assessment	1.1.3, 1.1.5	1,2,3	B,C
Cardiovascular system examination	1.1.3, 1.1.5	1,2,3	B,C
Musculoskeletal system examination	1.1.3, 1.1.5	1,2,3	B,C
Breast and axillar region examination	1.1.3, 1.1.5	1,2,3	B,C
Respiratory system examination	1.1.3, 1.1.5	1,2,3	B,C
Urological examination	1.1.3, 1.1.5	1,2,3	B,C
Preparing forensic report	1.1.6, 1.1.12	1,2,3	B,C
Obtaining informed consent	1.1.12	1,2,3	B,C
Preparing epicrisis	1.1.6, 1.1.12	1,2,3	B,C
Preparing patient file	1.1.6, 1.1.12	1,2,3	B,C
Referring patient appropriately	1.1.6, 1.2.1	1,2,3	B,C
Preparing death certificate	1.1.6, 1.1.12	1,2,3	B,C
Preparing medical reports and notice	1.1.6, 1.1.12	1,2,3	B,C
Writing prescription	1.1.6, 1.1.9	1,2,3	B,C
Preparing treatment refusal form	1.1.12	1,2,3	B,C
Reading direct radiographs and assessment	1.1.7, 1.1.8	1,2,3	B,C
Measuring and assessing bleeding time	1.1.5, 1.1.6	1,2,3	B,C
Filling laboratory request form	1.1.8, 1.1.12	1,2,3	B,C
Interpretation of screening and diagnostic examination results	1.1.6, 1.1.9	1,2,3	B,C

Definition and management of forensic cases	1.1.2, 1.1.3, 1.1.4, 1.1.7, 1.1.9	1,2,3	B,C
Bandaging and tourniquet application	1.1.10	1,2,3	B,C
Establishing IV line	1.1.10	1,2,3	B,C
Incision and drainage of skin and soft tissue abscess	1.1.10	1,2,3	B,C
Restriction and stopping external bleeding	1.1.10	1,2,3	B,C
Hand washing	1.1.1	1,2,3	B,C
Appropriate patient transportation	1.2.1, 1.2.2, 1.3.3	1,2,3	B,C
Performing IM, IV, SC, ID injection	1.1.10	1,2,3	B,C
Urinary catheterization	1.1.10	1,2,3	B,C
Assessing disease / trauma severity score	1.1.6	1,2,3	B,C
Measuring blood pressure	1.1.5	1,2,3	B,C
Performing blood transfusion	1.1.9, 1.1.10	1,2,3	B,C
Obtaining sample for culture	1.1.9, 1.1.10	1,2,3	B,C
Enema administration	1.1.10	1,2,3	B,C
Nasogastric catheterization	1.1.10	1,2,3	B,C
Oral, rectal, vaginal and topical drug administration	1.1.10	1,2,3	B,C
Providing basic life support	1.1.10	1,2,3	B,C
Transferring amputated limb appropriate	1.1.9, 1.1.10	1,2,3	B,C
Care for burns	1.1.10	1,2,3	B,C
Superficial suturing and removal of sutures	1.1.10	1,2,3	B,C

Teaching Methods:

1: Lecture, 2: Bedside Teaching, 3: Small Group Discussion

Assessment Methods:

A: MCQ B: OE C: SOE D:EMQ

COURSE CONTENT

Hours	Topics	Study Materials
1	Introductory Session (Introduction to General Surgery Internship Program)	Materials for the course provided by the the instructor
2	Lesson Multi-disciplinary case discussion	Materials for the course provided by the instructor
19	Lesson Student-Centred, Symptom-Based Learning Session	Materials for the course provided by the instructor

RECOMMENDED SOURCES

Textbook	1- Schwartz's Principles of Surgery, 11th edition 2- Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice, 20th edition
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MATERIAL SHARING

Documents	Photocopy shareable.
Assignments	Not Shareable
Exams	Not shareable

ASSESSMENT

Assessment Methods and Tools	Proportion (in Pass/Fail Decision)	Other Assessment Methods and Tools
Evaluation of overall clinical performance both in hospital and outpatient clinics, case papers, the attitudes toward patients, interest in psychiatry, participation in seminars and overnight calls, regular attendance at scientific meetings, lectures and case conferences, the level of scientific and practical knowledge and consulting skills	100%	
Total	100%	Total

COURSE CATEGORY

Compulsory

COURSE'S CONTRIBUTION TO PROGRAM						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1.1.2	employs a patient-centered approach in patient management.					x
1.1.3	recognizes most frequently occurring or significant clinical complaints, symptoms, signs, findings and their emergence mechanisms in clinical conditions.					x
1.1.5	does general and focused physical and mental examination.					x
1.1.6	interprets findings in medical history, physical and mental examination.					x
1.1.7	employs diagnostic procedures that are used frequently at the primary health care level.		x			
1.1.9	makes clinical decisions using evidence-based systematic data in health care service.		x			
1.1.1 2	keeps medical records in health care provision and uses information systems to that aim.					x
1.2.1	throughout his/her career, communicates effectively with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals, organizations and institutions.			x		
1.2.2	collaborates as a team member with related organizations and institutions, with other professionals and health care workers, on issues related to health.					x
1.2.3	recognizes the protection and privacy policy for health care beneficiaries, co-workers, accompanying persons and visitors.					x
1.2.4	communicates with all stakeholders taking into consideration the socio-cultural diversity.					x
2.1.1	performs medical practices in accordance with the legal framework which regulates the primary health care service.					x
2.2.1	recognizes basic ethical principles completely, and distinguishes ethical and legal problems.					x
2.2.2	pays importance to the rights of patient, patient's relatives and physicians, and provides services in this context.					x
2.5.2	displays a patient-centered and holistic (biopsychosocial) approach to patients and their problems.			x		

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION

Activities	Quantity day	Duration (Hour)	Total Workload (Hour)
Course Duration (8 weeks)	40	6	240
Hours for off-the-classroom study (Pre-study, practice, review/week)	40	1.5	60
Homework	-	-	-
Exam	1	2	2
Total Work Load			302
Total Work Load / 30 (h)			10.06
ECTS Credit of the Course			10