



Gazi University Faculty of Medicine
Department of Emergency Medicine

YEAR V

Emergency Medicine Course Guide



Gazi University Faculty of Medicine
Year V
Emergency Medicine Course Education Program

Dear Students,

Welcome to the Emergency Medicine course, an essential part of your education. In this program, which will last for two weeks, we aim to provide the basic training of the course with all aspects of theoretical lessons and practical applications.

This guide explains what you will learn and do during your course, the rules and working conditions you must follow in our clinic. We wish you all success with the belief that this guide will guide you in your course period.




Department of Emergency Medicine

2023-2024 Education Period

General Information About Course

Course Name	: Emergency Medicine
Department Responsible for Course	: Department of Emergency Medicine
Course Language	: Turkish and English
Course Code	: ACL 510, EM 510
Course Duration and Type	: 2 weeks – Compulsory
Course ECTS	: 3
Head of Course Education	: Assoc. Prof. Dr. Mehmet Ali Aslaner
Head of Department	: Prof. Dr. Ahmet Demircan
Contact (Department Secretary)	: 0312 202 5517

Course Faculty Members

Faculty Member	Course Subject Area * , **	Lesson Hours	Profile
Prof. Ahmet Demircan	Emergency Medicine Definition, Basic life support, Approach to Altered Consciousness	8 hours	
Prof. Ayfer Keles	Airway Management, Defibrillator Use, Interventional Sedation	8 hours	
Prof. Fikret Bildik	Poisoning Approach, Nasogastric Applications Approach to Burns,	8 hours	
Prof. Jesus Kılıçaslan	Triage in the Emergency Department, ECG evaluation, arrhythmias	8 hours	
Prof. Mehmet Akif Karamercan	Approach to Trauma, Multitrauma Management, Regional Traumas	8 hours	
Assoc. Prof. Mehmet Ali Aslaner	Extremity Trauma, Wound Care-Management, Environmental Emergencies	8 hours	
Assist. Prof. Gultekin Kadi	Approach to Chest Pain, Approach to Shortness of Breath, Approach to the Shock Patient	8 hours	

* Detailed course program ANNEX-1

** For the current course program, contact with the Head of Course Education.

Teaching Methods and Techniques

Method	Location
1. Theoretical Lessons	E Block, 9th Floor, No. 14 Emergency Medicine Classroom
2. Practical Lessons	
<ul style="list-style-type: none"> • Model/Simulation 	E Block, 9th Floor, PBL Classrooms
<ul style="list-style-type: none"> • Bedside Visits 	A Block, Ground Floor, Adult Emergency Department
<ul style="list-style-type: none"> • Patient Examination and Presentation (Annex-2) 	A Block, Ground Floor, Adult Emergency Department

Objectives of the Course

<ul style="list-style-type: none"> • In this course, it is aimed that the students gain skills, experience and the ability to apply at the best level on emergency medical approaches within the scope of the National EAP.
<ul style="list-style-type: none"> • In this course, it is aimed that the students gain sufficient knowledge, and attitudes to evaluate the symptoms and signs of patients who visit to the emergency department, to create / implement / monitor a treatment plan.

Emergency Medicine Course Qualifications*

<ul style="list-style-type: none"> • Evaluate the emergency situations of the patients (triage application)
<ul style="list-style-type: none"> • Take accurate history from patients and their relatives when necessary
<ul style="list-style-type: none"> • Performs a complete physical examination of patients
<ul style="list-style-type: none"> • Can approach the emergency patient holistically
<ul style="list-style-type: none"> • Identify life-threatening problems based on the patient's history, physical examination, and appropriate diagnostic tests
<ul style="list-style-type: none"> • Can provide basic and advanced life support
<ul style="list-style-type: none"> • Explain the principles of emergency approach to trauma patients (head, thorax, abdomen, pelvis, spinal, extremity),
<ul style="list-style-type: none"> • Explain the approach to the patient with a history of poisoning and life-saving procedures,
<ul style="list-style-type: none"> • Explain the principles of approach to acute coronary syndromes, hypertensive and neurological emergencies and environmental emergencies,
<ul style="list-style-type: none"> • Can recognize emergency diseases in ECG,
<ul style="list-style-type: none"> • Be able to act in accordance with professional values, ethical principles and legal regulations in the provision of emergency health services.

* Please also visit <https://med.gazi.edu.tr/view/page/189655> for Gazi University Faculty of Medicine Turkish and English Medical Programs Education Program Qualifications (2022-2028).

Exam Methods

Measurement and Evaluation Technique	End of Course Exam Entry Requirements *	% Value at the End of Course Exam **	Detail
Attendance to Classes	Necessary		At least 80%
Patient Preparation and Presentation	Requested		At least "Adequate" score
Practical Exam ***		20	Students with a score of 60 and above in the practical exam are able to take the theoretical exam.
Oral Exam ***		50	
Multiple Choice Test Exam ****		30	

* In order to be able to take the course exam, attendance rules must be followed. In addition, getting an *adequate* score from the General Evaluation from the Patient Preparation and Presentation practice (Appendix-2) will be taken into account in the oral and practical exam.

** <https://med.gazi.edu.tr/view/page/20831/lisans-egitimi>

*** Oral and practical exams: Oral and practical exams are held by the juries prepared with at least two faculty members, covering the theoretical and practical lessons learned throughout the course, in accordance with the learning objectives. The performance of the student in the oral and practical exam is evaluated with the participation of all faculty members who make up the jury.

**** Students with a score of 60 and above in the practical exam are able to take the theoretical exam. The theoretical exam consists of multiple choice questions. At least one question is asked from all theoretical lessons learned during the course, covering the learning objectives.

Duties and Responsibilities of Students

Course duration is 2 weeks.

In addition to the theoretical courses, “practical lessons” are carried out during the course. Students are responsible for completing “the Patient Preparation and Presentation” practice (Appendix-2) during the course.

During the course, students are expected to comply with the dress code and to have a white coat, stethoscope for examination or additional equipment with them during the bedside practice hours.

Students are expected to continue in full for theoretical or practical lessons (unless a change is reported by the relevant faculty member). Students whose absenteeism is more than 20%, should repeat the relevant course program.

Recommended Resources

- Lecture Notes of the Related Faculty Member
- Tintinallis Emergency Medicine A Comprehensive Study Guide, 9th
- Rosen's Emergency Medicine A Comprehensive Study Guide, 10th
- <https://acilci.net/>
- <https://www.uptodate.com/contents/search>
- <https://lifeinthefastlane.com/foam/>
- <https://www.acep.org/>
- <https://eusem.org/>

GAZİ UNIVERSITY FACULTY OF MEDICINE 2022-2023 ACADEMIC YEAR TURKISH MEDICINE PROGRAMME DEPARTMENT OF EMERGENCY MEDICINE YEAR V, COURSE CURRICULUM		
Course Start- End Time	Course Name (Application Method, Hour)	Lecturer
1st Week- 1st day		
09.00---09:40	Course Introduction	Dr. Mehmet Ali Aslaner
09:50---10:30	Emergency Medicine Definition, History, Focused History-Examination (Theoretical)	Dr. Ahmet Demircan
10:40---11:20	Basic Life Support (Theoretical)	Dr. Ahmet Demircan
11:30---12:10	Foreign Body Removal from Airway (Theoretical)	Dr. Ahmet Demircan
13.30-14.10	BLS- Resuscitation Practice-1 (Practice)	Dr. Ahmet Demircan
14.20-15.00	BLS- Resuscitation Practice-2 (Practice)	Dr. Ahmet Demircan
15.10-15.50	Approach to the Patient with Altered Consciousness (Theoretical)	Dr. Ahmet Demircan
16.00-16.40	Independent Working Hour (Literature Search)	
1st Week- 2nd day		
09.00-09.40	Triage and Emergency Patient Evaluation in the Emergency Department (Theoretical)	Dr. İsa Kılıçaslan
09.50-10.30	Stabilization of Unstable Patient (Theoretical)	Dr. İsa Kılıçaslan
10.40-11.20	ECG Evaluation (Theoretical)	Dr. İsa Kılıçaslan
11.30-12.10	ECG Evaluation – Rhythm Analysis (ST Elevation, AV Blocks, Hypertrophy) (Theoretical)	Dr. İsa Kılıçaslan
13.30-14.10	ECG (Practice)	Dr. İsa Kılıçaslan
14.20-15.00	ECG (Practical- Bedside)	Dr. İsa Kılıçaslan
15.10-15.50	ED Visit-1st Group (A Bedside Visit)*	On-duty Faculty Member
16.00-16.40	Independent Working Hour (Literature Search)	
1st Week- 3rd day		

09.00-09.40	Hypertensive Emergencies (Theoretical)	Dr. Gültekin Kadı
09.50-10.30	Genitourinary / Pelvic Trauma (Theoretical)	Dr. Gültekin Kadı
10.40-11.20	Environmental Emergencies-1 (Theoretical)	Dr. Mehmet Ali Aslaner
11.30-12.10	Environmental Emergencies-2 (Theoretical)	Dr. Mehmet Ali Aslaner
13.30-14.10	General Approach to the Multitrauma Patient (Theoretical)	Dr. M. Akif Karamercan
14.20-15.00	Primary and Secondary Approach (Theoretical)	Dr. M. Akif Karamercan
15.10-15.50	ED Visit-2nd Group (A Bedside Visit)*	On-duty Faculty Member
16.00-16.40	Independent Working Hour (Literature Search)	
1st Week-4 th day		
09.00-09.40	Head Trauma (Theoretical)	Dr. M. Akif Karamercan
09.50-10.30	Vertebral Trauma (Theoretical)	Dr. M. Akif Karamercan
10.40-11.20	Thorax Trauma (Theoretical)	Dr. M. Akif Karamercan
11.30-12.10	Abdominal Trauma (Theoretical)	Dr. M. Akif Karamercan
13.30-14.10	Trauma Scenario (Practice)	Dr. M. Akif Karamercan
14.20-15.00	ED Visit-3rd Group (A Bedside Visit)*	On-duty Faculty Member
15.10-15.50	Independent Working Hour (Literature Search)	
16.00-16.40	Independent Working Hour (Literature Search)	
1st Week- 5th day		
09.00-09.40	Extremity Trauma (Theoretical)	Dr. Mehmet Ali Aslaner
09.50-10.30	Wound Evaluation and Suture Techniques-1 (Theoretical)	Dr. Mehmet Ali Aslaner
10.40-11.20	Wound Evaluation and Suture Techniques-2 (Theoretical)	Dr. Mehmet Ali Aslaner
11.30-12.10	Interventional Procedures (IV, IM, Arterial Blood Gas) (Theoretical)	Dr. Mehmet Ali Aslaner
13.30-14.10	Suture Practice - Video and Applications (Practice)	Dr. Mehmet Ali Aslaner
14.20-15.00	ED Visit-1st Group (Patient Preparation and Presentation)*	On-duty Faculty Member
15.10-15.50	Independent Working Hour (Literature Search)	
16.00-16.40	Independent Working Hour (Literature Search)	

2nd Week- 1st day		
09.00-09.40	Noninvasive Airway Management (Theoretical)	Dr. Ayfer Keleş
09.50-10.30	Alternative Airway Management (Theoretical)	Dr. Ayfer Keleş
10.40-11.20	Defibrillator-Pacemaker Use (Theoretical)	Dr. Ayfer Keleş
11.30-12.10	Rapid Sequential Intubation (Theoretical)	Dr. Ayfer Keleş
13.30-14.10	Intubation Practice (Airway -Mask/AMBU/EET) (Practice)	Dr. Ayfer Keleş
14.20-15.00	ED Visit-2nd Group (Patient Preparation and Presentation)*	On-duty Faculty Member
15.10-15.50	Independent Working Hour (Literature Search)	
16.00-16.40	Independent Working Hour (Literature Search)	
2nd Week- 2nd day		
09.00-09.40	Interventional Sedation and Analgesia (Theoretical)	Dr. Ayfer Keleş
09.50-10.30	Reporting Death in the Emergency Room (Theoretical)	Dr. Ayfer Keleş
10.40-11.20	Approach to Headache (Theoretical)	Dr. Fikret Bildik
11.30-12.10	Approach to the Burned Patient (Theoretical)	Dr. Fikret Bildik
13.30-14.10	Approach to Tachycardia and Bradycardia Algorithm (Theoretical)	Dr. İsa Kılıçaslan
14.20-15.00	ED Visit-3rd Group (Patient Preparation and Presentation)*	On-duty Faculty Member
15.10-15.50	Independent Working Hour (Literature Search)	
16.00-16.40	Independent Working Hour (Literature Search)	
2nd Week- 3rd day		

09.00-09.40	General Approach to the poisoned patient – 1 (Theoretical)	Dr. Fikret Bildik
09.50-10.30	General Approach to the poisoned patient – 1 (Theoretical)	Dr. Fikret Bildik
10.40-11.20	Special Poisonings (Organaphosphate , CO, Paracetamol , Salicylate) (Theoretical)	Dr. Fikret Bildik
11.30-12.10	Special Poisonings (Beta Blocker , Ca Channel Blocker , Opiate , TSA) (Theoretical)	Dr. Fikret Bildik
13.30-14.10	Nasogastric Practice (Practice)	Dr. Fikret Bildik
14.20-15.00	Orogastric Lavage Practice (Practice)	Dr. Fikret Bildik
15.10-15.50	Independent Working Hour (Literature Search)	
16.00-16.40	Independent Working Hour (Literature Search)	
2nd Week-4 th day		
09.00-09.40	Syncope and Seizure	Dr. Gültekin Kadı
09.50-10.30	Approach to the Patient with Chest Pain	Dr. Gültekin Kadı
10.40-11.20	Approach to the Patient with Shortness of Breath	Dr. Gültekin Kadı
11.30-12.10	Approach to the Shocked Patient	Dr. Gültekin Kadı
13.30-14.10	Independent Working Hour (Literature Search)	
14.20-15.00	Independent Working Hour (Literature Search)	
15.10-15.50	Independent Working Hour (Literature Search)	
16.00-16.40	Independent Working Hour (Literature Search)	
2nd Week- 5th day		
09.00-09.40	PRACTICAL EXAM	All Faculty Members
09.50-10.30	PRACTICAL EXAM	All Faculty Members
10.40-11.20	ORAL EXAMINATION	All Faculty Members
11.30-12.10	ORAL EXAMINATION	All Faculty Members
13.30-14.10	THEORETICAL-WRITTEN EXAM	All Faculty Members
14.20-15.00	Feedback for Course	All Faculty Members
15.10-15.50		
16.00-16.40		

* Emergency Department Visit: Includes triage assessment and bedside patient visits with the consultant, and senior resident.

GÜTF Acil Tıp Anabilim Dalı
Stajyer Dr. Hasta Hazırlama Formu

Hastanın dosya numarası:

Tarih:

Hastanın yaşı ve cinsiyeti:

Hastanın şikayeti:

Hastanın hikayesi:

Hastanın özgeçmişi:

Hastanın soy geçmişi:

Hastanın patolojik FM bulguları:

Hastanın ayırıcı/ön tanıları:

1. 2. 3. 4. 5.

Hangi tetkikleri isterdiniz	İstenme nedenleri
1.	
2.	
3.	
4.	
5.	

Yukarıdaki değerlendirmeler neticesinde en tanışal olandan başlayarak [öykü, FM, laboratuvar, görüntüleme, diğer] sıralayınız;

1. 2. 3. 4. 5.

Olası son tanı(lar):

Bu hastadan öğrendiklerim,

Hastayı değerlendiren Stajyer Dr.:

Hasta sunumunu deęerlendiren Öğretim Üyesi:

	Yetersiz	Yeterli
Anamnez alma		
FM yapabilme		
Uygun tetkik isteme		
Hasta sunumu ve yönetimi		
Genel deęerlendirme		

Yorumlar: