



Tıp Fakültesi

MARMARA ÜNİVERSİTESİ
TIP FAKÜLTESİ
FAZ -2 KLİNİK EĞİTİM
PROGRAMI
SİNİR RUH SAĞLIĞI VE
HASTALIKLARI STAJ PROGRAMI



Tıp Fakültesi

MARMARA UNIVERSITY
SCHOOL OF MEDICINE
PHASE-2 CLINICAL EDUCATION
PROGRAM
NERVEOUS SYSTEM & MENTAL
HEALTH and RELATED
DISORDERS
CLERKSHIP PROGRAM

Staj Programı Koordinatörü / Coordinator of Clerkship Program

Prof., İpek GÜRSOY MİDİ

Faz-2 Koordinatörleri / Phase-2 Coordinators

Prof., İlker YAĞCI (4. Yıl / Year 4) Assoc. Prof., Tunç ÖNEŞ (5. Yıl / Year 5)

**Blok / Staj Programlarından
Sorumlu Başkoordinatör
Yardımcısı / Vice-Chief
Coordinator (Clerkship /
Internship Programs)**

Prof., Ender DULUNDU/
Assist. Prof., Rabia
ERGELEN

**Değerlendirmeden
Sorumlu Başkoordinatör
Yardımcısı / Vice-Chief
Coordinator (Assessment)**

Assoc. Prof., Hasan
YANANLI

**Öğrenci İşlerinden Sorumlu
Başkoordinatör Yardımcısı /
Vice-Chief Coordinator
(Students' Affairs)**

Assist. Prof., Can ERZİK

Klinik Eğitim Dönemi Başkoordinatörü / Chief Coordinator (Clinical Education)

Prof., Dilek İNCE GÜNAL

**Tıp Eğitimini Değerlendirme ve Geliştirme Üst Kurulu (TEGEK) Eş-Başkanları /
Co-Coordinators of Medical Education Program Evaluation and Development Commission**

Prof., Harika ALPAY & Assoc. Prof., Özlem SARIKAYA

Dekan Yardımcısı/ Vice Dean

Prof., Ümit ŞEHİRLİ

Dekan / Dean

Prof., Hakan GÜNDÜZ

MÜTF KLİNİK EĞİTİM PROGRAMI / MUSM CLINICAL EDUCATION PROGRAM

EĞİTİM ÇIKTILARI / YETERLİKLER

A. Hekimlik Uygulamaları: Nitelikli hasta bakımı ve toplum yönelimli sağlık hizmeti sunma

1. Temel klinik beceriler
2. Hasta ve hastalık sürecinin organizasyonu ve yönetimi
3. Sağlık bakımı sürecinin organizasyonu ve yönetimi
4. Sağlığın korunması ve iyileştirilmesi

B. Tıbbi Bilgi ve Kanıta Dayalı Tıp

5. Bilgiye ulaşma ve yönetme
6. Bilgilerin entegrasyonu, eleştirel düşünme ve kanıta dayalı karar verme
7. Bilimsel yöntemler, araştırma becerileri

C. Profesyonel Davranışlar ve Değerler

8. İletişim becerileri ve hasta / hasta yakınları ile etkin iletişim
9. Kişilerarası ilişkiler ve ekip çalışması
10. Etik ve mesleki değerler, sorumluluklar
11. İnsani, toplumsal ve kültürel değerler ve sorumluluklar
12. Reflektif uygulama ve sürekli gelişim
13. Sağlık sistemleri, yönetim ve toplum yönelimli hekimlik
14. Eğitim ve danışmanlık

LEARNING OUTCOMES / COMPETENCIES

A. Clinical Care: Qualified patient care and community oriented health care

1. Basic clinical skills
2. The organization and management of the patient and the patient care
3. The organization and the management of health care delivery services / system
4. Health promotion and disease prevention

A. Medical Knowledge and Evidence-Based Medicine

5. Appropriate information retrieval and management skills
6. The integration of knowledge, critical thinking and evidence-based decision making
7. Scientific methods and basic research skills

A. Professional Attitudes and Values

8. Communication skills and effective communication with patients / patient relatives
9. Interpersonal relationships and team working
10. Ethical and professional values, responsibilities
11. Individual, social and cultural values and responsibilities
12. Reflective practice and continuing development
13. Healthcare delivery systems, management and community oriented healthcare
14. Education and counseling

FAZ-2 ÖĞRENİM HEDEFLERİ

- Biyomedikal, klinik, sosyal/beşeri bilgileri entegre ederek klinik problemleri / durumları çözümlenme, klinik karar verme ve değerlendirme yeterliklerini geliştirme
- Gerçek klinik ortamlarda yapılan uygulamalarla temel hekimlik uygulamalarında yeterlik kazanma
- Sağlık ve hastalık süreçlerinde profesyonelliğe (mesleki, bireysel, toplumsal) yönelik değerleri gözetme, bu yönde gerekli yeterlikleri kazanma
- Reflektif düşünme ve uygulamada yeterlik kazanma, sürekli bireysel / mesleki gelişime açık olma

PHASE-2 LEARNING OBJECTIVES

- Developing clinical problem solving, clinical reasoning and evaluation competencies by integrating biomedical, clinical, social and humanities knowledge,
- Competency acquisition in basic clinical skills by applications in real clinical settings.
- Taking care of the professional values in health and disease processes (professional, individual, societal) and acquisition necessary related skills
- Acquisition competency in reflective thinking and practicing, being open to continuous individual / professional development.

FAZ-2 PROGRAMLARI / PHASES – 2 PROGRAMS

Klinik Eğitime Uyum (2 Hafta) / Orientation to Clinical Education (2 Week)

Dahili Hastalıklar Bloğu (12 Hafta) / Internal Medicine Block (12 Week)

Kas-İskelet Sağlığı ve Hastalıkları (6 Hafta) / Musculoskeletal Sys. Health and Related Disorders (6 Week)

Sinir - Ruh Sağlığı ve Hastalıkları (6 Hafta) / Nervous System - Mental Health and Related Disorders (6 Week)

Duyu Sistemleri (Dermatoloji, Göz, KBB) Sağlığı ve Hastalıkları (6 Hafta) / Sensory System (Dermatology, Ophthalmology, ENT) Health and Related Disorders (6 Week)

Yaşam Boyu Sağlık Bloğu (12 Hafta) / Health Across Lifespan Block (12 Week)

Cerrahi Hastalıklar ve Girişimsel Uygulamalar (9 Hafta) / Surgical Diseases and Invasive Applications (9 Week)

Üreme Sağlığı Bloğu (9 Hafta) / Reproductive Health Block (9 Week)

Seçmeliler (12 Hafta) / Electives (12 Week)

Profesyonelliğe Yönelik Gelişim ve Danışmanlık Programı (2 yıllık dikey program) / Professionalism and Counseling Program (2 year longitudinal / vertical program)

SİNİR RUH SAĞLIĞI ve HASTALIKLARI STAJ PROGRAMI (6 HAFTA)

NERVEOUS SYS. - MENTAL HEALTH and RELATED DISORDERS CLERKSHIP PROGRAM (6 WEEK)

COORDINATOR ANABİLİM / BİLİM DALLARI (COORDINATOR DEPARTMENTS)

Nöroloji / Neurology

Ruh Sağlığı ve Hastalıkları / Psychiatry

Beyin ve Sinir Cerrahisi / Neurosurgery

KATKI VEREN ANABİLİM DALLARI (SUPPORTER DEPARTMENTS)

Enfeksiyon Hastalıkları / Infectious Diseases

Fizik Tedavi ve Rehabilitasyon (FTR)/ Physical Medicine and Rehabilitation (PRM)

Plastik ve Rekons. Cerrahi (PRC) / Plastic & Reconstructive Surgery (PRS)

Halk Sağlığı / Public Health

Göğüs Hastalıkları / Chest Medicine

Adli Tıp / Forensic Medicine

TÜM PROGRAMLAR İÇİN ORTAK ANABİLİM DALLARI / LINES

Patoloji / Pathology

Radyoloji / Radiology

STAJ PROGRAMI ÖĞRENİM HEDEFLERİ

- Sinir – Ruh sağlığı ve hastalıklarıyla ilgili bilgileri entegre ederek karşılaşılan problemleri / durumları analiz etme, çözüme yönelik karar ve öneri oluşturma yollarını anlama.
- Temel klinik becerilerde yeterlik kazanma.
- Hasta ve hastalık süreci ile sağlık bakımı süreci yönetimi anlama.
- Hasta ve yakınlarıyla, birlikte klinik deneyim yaşadığı sağlık ekibiyle etkin iletişim kurma, işbirliğine ve ekip çalışmasına açık olma.
- Mesleki, toplumsal ve bireysel değerleri gözetme ve bu değerlere uygun davranış

LEARNING OBJECTIVES of CLERKSHIP PROGRAM

- Analyzing problems, understanding decision making and problem solving processes by integrating knowledge related with nervous system-mental health and related disorders.
- Gaining competencies in basic clinical skills
- Understanding patient, disease and health care process management
- Effective communication with patients, their relatives and health team; being open to collaboration and team work
- Taking care of professional, societal and individual values, and develop behaviors accordingly

geliştirme.

- Sağlık sistemleri ve politikalarını eleştirel olarak değerlendirerek sağlık uygulamaları sırasında hasta ve toplum yararını gözetme.
- Reflektif düşünme ve uygulama becerilerini geliştirme, sürekli bireysel / mesleki gelişime açık olma.

- Taking care of patient and public benefit in medical practices by critical appraisal of the health systems and health policies

ÖLÇME-DEĞERLENDİRME SİSTEMİ

Geçme-kalma kararı vermeye yönelik değerlendirme:

- Staj sonu yazılı sınav (geçme notunun % 60'ı)
- Staj sonu yapılandırılmış sözlü sınav (geçme notunun % 40'ı)
- Hastabaşı değerlendirme (Başarılı / Başarısız)

Gelişimi İzlemeye Yönelik Değerlendirme:

Öğrencinin staj boyunca, temel hekimlik uygulamalarına yönelik yeterlikleriyle ilgili gelişimini izleme ve planlama amacıyla formlar kullanılarak klinik ortamlarda yapılan gözlem ve değerlendirmelerden oluşur.

Stajın son haftasında bulunan “**Refleksiyon ve Formatif Değerlendirme Oturumu**”nda, staj boyunca doldurulan bu formlar üzerinden öğrencilerin gelişimleri değerlendirilerek onlarla paylaşılır.

ASSESSMENT SYSTEM

Summative assessment:

- Written exam at the end of clerkship (60% of final score)
- Structured oral exam at the end of clerkship (40% of final score)
- Bed-side assessment (pass/fail)

Formative assessment:

Follow up of student's competency development in basic clinical skills and observations/evaluations in clinical settings using guidelines for further planning. At the “**Reflection and Formative Assessment Session**”, by using these guidelines, students' developmental levels were evaluated and shared with them.

PROGRAM DEĞERLENDİRME

İlki stajın ikinci haftasında, ikincisi staj sonunda olmak üzere, staj programı ile ilgili 2 değerlendirme yapılır. Staj içi değerlendirme sözlü, staj sonu değerlendirme ise hem değerlendirme formlarıyla yazılı hem de sözlü değerlendirmelerden oluşur. Staj sonu değerlendirmede öğrenciler ve eğiticiler için hazırlanmış 2 ayrı değerlendirme formu kullanılır.

PROGRAM EVALUATION

Two evaluations are done; first at the end of the second week of the clerkship, second at the end of the clerkship. Evaluation during the clerkship is done orally; at the end of the clerkship, in addition to this, structured forms are used. For this evaluation, two forms - one for students and one for the teachers- are used.

OKUMA/ÇALIŞMA MATERYALLERİ (READING/STUDYING MATERIALS)

1. John Gilroy. Basic Neurology.
2. Prof. Dr. Orhan Öztürk, Prof. Dr. Aylin Uluşahin. Ruh Sağlığı ve Bozuklukları - 2 Cilt, Ankara, 2008.
- 3.

MARMARA UNIVERSITY SCHOOL OF MEDICINE PHASES-2 CLINICAL EDUCATION PROGRAM
NERVOUS SYS. – MENTAL HEALTH and RELATED DIS. CLERKSHIP PROG.

ALTI HAFTALIK PROGRAM / SIXTH WEEK PROGRAM

I. WEEK					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09.00-09.45	Introduction and Orientation for the Course İpek Midi, MD (Program Coordinator)	Bedside Motor Examination Tülin Tanrıdağ, MD	Bedside Cranial Nerves İpek Midi, MD	Lecture Acute Confusional State Kayıhan Uluç, MD	Clinical Tutorial Patient With Headache Tülin Tanrıdağ, MD
10:00-10.45	Lecture Approach to the Neurological Patient Pınar K. Koytak, MD	Bedside Cerebellar and extrapyramidal Examination Kadriye Ağan Yıldırım, MD Neşe Tuncer Elmacı, MD Dilek İnce Günal, MD	Bedside Sensory Examination Barış İşak, MD	Lecture Coma Kayıhan Uluç, MD	On-the-job learning and assessment session Neurology Ward or Stroke Outpatient Clinic
11.00-12:00	Lecture Cranial Nerves İpek Midi, MD		Clinical Tutorial Neuromuscular Diseases Tülin Tanrıdağ, MD	Clinical Tutorial (Video Presentation) Assessment of Coma GLASCOW Scale Kayıhan Uluç, MD	
		Lecture Myopaties Barış İşak, MD			Lecture Parkinson's Disease Dilek İnce Günal, MD
13.30-14.30	Lecture Mental Status Examination Neşe Tuncer Elmacı, MD	Learning and assessment session for the professionalism (Individual and professional development and counseling)	Diagnostic procedures Application of Lumbar Punction, Fundoscopic Examination Kadriye Ağan Yıldırım, MD	Neurology Educational Meeting	
14.30-15.30	On-the-job learning and assessment session Neurology Ward or Stroke Outpatient Clinic		On-the-job learning and assessment session Neurology Neuromuscular or Dementia Outpatient Clinic		Lecture Movement Disorders Dilek İnce Günal, MD
15.30-16.30					
16.30-17.30					Clinical Tutorial Movement Disorders Dilek İnce Günal, MD

2. WEEK						
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
09.00-09.45	Lecture Motor Neuron Diseases Önder Us, MD	Lecture MS and Demyelinating diseases Dilek İnce Günal, MD Kadriye Ağan Yıldırım, MD	Lecture Epilepsy Kadriye Ağan Yıldırım, MD İpek Midi, MD	On-the-job learning and assessment session Neurology Movement Disorders Outpatient Clinic	Lecture Dementia Neşe Tuncer Elmacı, MD	
09.45-10.30	Lecture Polyneuropathies Önder Us, MD	Multidisciplinary learning session SLEEP DISORDERS Kadriye Ağan Yıldırım, MD Volkan Topçuoğlu, MD Sait Karakurt, MD	Clinical Tutorial Epilepsy Case Kadriye Ağan Yıldırım, İpek Midi, MD		On-the-job learning and assessment session Neurology Headache or Epilepsy Outpatient Clinic	
10.30-11.30	Lecture Myasthenia Gravis Önder Us, MD		On-the-job learning and assessment session Neurology MS or Dementia Outpatient Clinic	On-the-job learning and assessment session Neurology Sleep Outpatient Clinic		
11.30-12.30						
13.30-14.30	Lecture Cerebrovascular Diseases Stroke-Hemorrhage İpek Midi, MD	Learning and assessment session for the professionalism (Individual and professional development and counseling)	On-the-job learning and assessment session Neurology, Dementia or Neuromuscular Outpatient Clinic	Neurology Educational Meeting		
14.30-15.30	On-the-job learning and assessment session				On-the-job learning and assessment session Neurology Ward or Stroke Outpatient Clinic	On-the-job learning and assessment session Neurology Ward
15.30-16.30						
					Reflection session Reflection on weekly clinical and educational experiences Pınar K. Koytak, MD	

3. WEEK					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09.00-09.45	Lecture Introduction to Psychiatry and Mental Status Examination Kemal Kuşçu, MD	Lecture Psychotic Disorders Mesut Yıldız, MD	Lecture Somatoform Disorders Kemal Sayar, MD	Lecture Alcohol and Substance Use Disorders Yıldız Akvardar, MD, PhD	Clinical Tutorial Psychiatric Interviewing and Mental Status Examination Neşe Yorguner Küpeli, MD
9.45-10.30			Seminar Hour		
10.30-11.30	Grand Visit	Clinical Tutorial Psychotic Patient Mesut Yıldız, MD		Clinical Tutorial Dependent Patient Yıldız Akvardar, MD, PhD	Clinical Tutorial Obsessive Compulsive Patient Volkan Topçuoğlu, MD
11.30-12.30				On-the-job learning and assessment session Psychiatry	On-the-job learning and assessment session Psychiatry
13.30-14.30	Lecture Psychiatric Disorders Related to Psychic Trauma Axel Wurz, MD	Learning and assessment session for the professionalism (Individual and professional development and counseling)	Lecture Anxiety Disorders & OCD Mehmet Z. Sungur, MD	On-the-job learning and assessment session Psychiatry	
14.30-15.30	Clinical Tutorial Patient with Psychological Trauma Axel Wurz, MD		Clinical Tutorial Anxious Patient Mehmet Z. Sungur, MD	On-the-job learning and assessment session Psychiatry	On-the-job learning and assessment session Psychiatry
15.30-16.30	Lecture Psychotherapies Axel Wurz, MD				
16.30-17.30					On-the-job learning and assessment session Psychiatry

4. WEEK					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09.00-09.45	Lecture Depressive Disorders Kemal Sayar, MD	Lecture Principles of Psychopharmacology Mesut Yıldız, MD	Lecture Dissociative Disorders Ömer Yanartaş, MD	Lecture Personality Disorders Volkan Topçuoğlu, MD	Lecture Eating Disorders Neşe Yorguner Küpeli, MD
09.45-10.30	Grand Visit	Clinical Tutorial Drug Treatment in Psychiatry Mesut Yıldız, MD	Seminar Hour		
10.30-11.30				Clinical Tutorial Manic Patient Kaan Kora, MD	
11.30-12.30					
13.30-14.30	Clinical Tutorial Depressive Patient Ömer Yanartaş, MD	Learning and assessment session for the professionalism (Individual and professional development and counseling)	On-the-job learning and assessment session Psychiatry	Diagnostic procedures Reporting in Forensic Psychiatry & Evaluation of Legal Capacity Nurşen Turan Yurtsever, MD	
14.30-15.30	On-the-job learning and assessment session Psychiatry			Clinical Tutorial Suicidal and Agitated Patient Ömer Yanartaş, MD	On-the-job learning and assessment session (General Medicine & Psychiatry) Kemal Kuşçu, MD
15.30-16.30				On-the-job learning and assessment session Psychiatry	
16.30-17.30					

5. WEEK					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09.00-09.45	Lecture Introduction to Neurosurgery Erkan Kaptanoğlu, MD	Lecture Cerebral Vascular Pathologies Yaşar Bayrı, MD	Lecture CNS tumors İbrahim Ziyal, MD	Lecture Injuries of Peripheral Nervous System Fatih Bayraklı, MD	Lecture Stereotactic Neurosurgical Methods and Gamma-Knife Fatih Bayraklı, MD
09.45-10.30	Lecture Spinal Injury Erkan Kaptanoğlu, MD		Lecture CNS Tumors Süheyla Bozkurt, MD	Lecture Entrapement Syndromes Fatih Bayraklı, MD	
10.30-11.30	Lecture Spinal Lesions Erkan Kaptanoğlu, MD		Lecture Differential diagnosis of mass lesions Süheyla Bozkurt, MD	Lecture Rehabilitation of Stroke and Traumatic Brain Injuries Rehabilitation of Spinal Cord Injuries Evrin K. Saygı, MD	Lecture Functional Neurosurgery Fatih Bayraklı, MD
11:30-12:00					
13.30-14.30	Clinical Tutorial Patient with Spinal Injury Erkan Kaptanoğlu, MD	Learning and assessment session for the professionalism (Individual and professional development and counseling)	Diagnostic procedures Diagnostic approaches to raised intracranial pressure syndrome Ferhat Harman, MD	Lecture Pediatric Neurosurgical Tumors Adnan Dağçınar, MD	
14.30-15.30	Clinical Tutorial Case Discussions Erkan Kaptanoğlu, MD			Lecture Pediatric Congenital Lesions Adnan Dağçınar, MD	Reflection session Reflection on weekly clinical and educational experiences Neurosurgery Yaşar Bayrı, MD
15.30-16.30					
16.30-17.30					

6. WEEK						
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
09.00-09.45	Multidisciplinary learning session DIFFERENT APPROACHES TO THE PATIENT WITH PAIN Ömer Yanartaş, MD Fatih Bayraklı, MD Kayıhan Uluç, MD	On-the-job learning and assessment session Neurosurgery	On-the-job learning and assessment session Neurosurgery	ORAL EXAMINATION FOR NEUROLOGY	WRITTEN EXAMINATION	
09.45-10.30						On-the-job learning and assessment session Neurosurgery
10.30-11.30			On-the-job learning and assessment session Neurosurgery			
11.30-12.30	On-the-job learning and assessment session Neurosurgery	On-the-job learning and assessment session Neurosurgery	On-the-job learning and assessment session Neurosurgery			
13.30-14.30	Multidisciplinary learning session CASES WITH NO CLEAR DIAGNOSIS Neşe Tuncer Elmacı, MD Yıldız Akvardar, MD	Learning and assessment session for the professionalism (Individual and professional development and counseling)	Diagnostic procedures Diagnostics imaging methods for the head and spinal traumas Gazanfer Ekinçi, MD Feyyaz Baltacıoğlu, MD	Reflection and Formative Assessment Session Reflection on clinical/educational experiences and learning performances of students İpek Midi, MD (Program Coordinator)		
14.30-15.30	Lecture Approach to the patient with meningitis Uluhan Sili, MD		On-the-job learning and assessment session Neurosurgery		PROGRAM EVALUATION Evaluation of clerkship program and the 6-week training process İpek Midi, MD (Program Coordinator)	
15.30-16.30						
16.30-17.30						

