



T.C.

MUĞLA SITKI KOÇMAN UNIVERSITY

FACULTY of MEDICINE

2025-2026 ACADEMIC YEAR

PHASE 5 ENGLISH MEDICINE PROGRAM

COURSE of NEUROSURGERY

DEAN : Prof. Dr. Süleyman Cüneyt KARAKUŞ
VICE DEANS : Prof. Dr. Cem ŞAHİN
Prof. Dr. Nesrin FİLİZ BAŞARAN
CHIEF COORDINATOR : Prof. Dr. Emine Neşe YENİÇERİ
PHASE 5 COORDINATOR : Doç. Dr. İbrahim Önder YENİÇERİ
PHASE 5 ASSISTANT COORDINATORS : Prof. Dr. Ozan GÖKDOĞAN
Doç. Dr. Emine Tuğba ALATAŞ
Doç. Dr. Ahmet KADERLİ
Department Responsible for Course : Neurosurgery
Course Type : Compulsory
Duration of the Course : 1 weeks
Course Code : MED 5024
ECTS : 1
Head of the Department : Doç.Dr.Gönül GÜVENÇ

Teaching Staff	Theoretical Lesson Hours	Practical Lesson Hours
Doç.Dr.Gönül GÜVENÇ	9	9
Dr. Öğr.Üyesi Güven GÜRSOY	9	9

Coordinator of the Course Education Program : Doç.Dr.Gönül GÜVENÇ
Coordinator of the Course Examinations : Doç.Dr.Gönül GÜVENÇ
Coordinator of Course Assessment and Evaluation : Doç.Dr.Gönül GÜVENÇ

Tarih	Gun	Saat	AnabilimDalıAdı	KonuAdı	OgrElm
24-11-2025	Pazartesi	08:30-09:20		Toplantı -Pratik /Meeting Practical staj tanıtım toplantısı	
24-11-2025	Pazartesi	09:30-10:20	BEYİN VE SİNİR CERRAHİSİ	NEUROLOGICAL EXAMINATION, ANATOMY, EMBRYOLOGY, PHYSIOLOGY	GÜVEN GÜRSOY
24-11-2025	Pazartesi	10:30-11:20	BEYİN VE SİNİR CERRAHİSİ	NEUROLOGICAL EXAMINATION, ANATOMY, EMBRYOLOGY, PHYSIOLOGY	GÜVEN GÜRSOY
24-11-2025	Pazartesi	11:30-12:20	BEYİN VE SİNİR CERRAHİSİ	HYDROCEPHALUS - NEURAL TUBE DEFECTS	GÜVEN GÜRSOY
24-11-2025	Pazartesi	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
24-11-2025	Pazartesi	13:30-14:20	BEYİN VE SİNİR CERRAHİSİ	INTRACRANIAL PRESSURE INCREASE SYNDROMES	GÜVEN GÜRSOY
24-11-2025	Pazartesi	14:30-15:20	BEYİN VE SİNİR CERRAHİSİ	SPINAL TRAUMA	GÜVEN GÜRSOY
24-11-2025	Pazartesi	15:30-16:20	BEYİN VE SİNİR CERRAHİSİ	PERIPHERAL NERVE NEUROPATHIES	GÜVEN GÜRSOY
24-11-2025	Pazartesi	16:30-17:20	BEYİN VE SİNİR CERRAHİSİ	SPINAL DIS HERNIATION	GÜVEN GÜRSOY
25-11-2025	Salı	08:30-09:20	BEYİN VE SİNİR CERRAHİSİ	Head Trauma Classification, Diagnosis and Treatment	GÖNÜL GÜVENÇ
25-11-2025	Salı	09:30-10:20	BEYİN VE SİNİR CERRAHİSİ	Head Trauma Classification, Diagnosis and Treatment	GÖNÜL GÜVENÇ
25-11-2025	Salı	10:30-11:20	BEYİN VE SİNİR CERRAHİSİ	Intracranial Hemorrhages (SAH, ICH, EDH, SDH etc.)	GÖNÜL GÜVENÇ
25-11-2025	Salı	11:30-12:20	BEYİN VE SİNİR CERRAHİSİ	Intracranial Hemorrhages (SAH, ICH, EDH, SDH etc.)	GÖNÜL GÜVENÇ
25-11-2025	Salı	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
25-11-2025	Salı	13:30-14:20	BEYİN VE SİNİR CERRAHİSİ	Intracranial space occupying lesions, Intracranial Tumors, Non-Tumor Lesions	GÖNÜL GÜVENÇ
25-11-2025	Salı	14:30-15:20	BEYİN VE SİNİR CERRAHİSİ	Intracranial space occupying lesions, Intracranial Tumors, Non-Tumor Lesions	GÖNÜL GÜVENÇ
25-11-2025	Salı	15:30-16:20	BEYİN VE SİNİR CERRAHİSİ	Spinal Cord Compression Syndromes - Spinal Cord and Spine Tumors	GÖNÜL GÜVENÇ
25-11-2025	Salı	16:30-17:20	BEYİN VE SİNİR CERRAHİSİ	Spinal Cord Compression Syndromes - Spinal Cord and Spine Tumors	GÖNÜL GÜVENÇ
26-11-2025	Çarşamba	08:30-09:20	BEYİN VE SİNİR CERRAHİSİ	HYDROCEPHALUS - NEURAL TUBE DEFECTS	GÜVEN GÜRSOY
26-11-2025	Çarşamba	09:30-10:20	BEYİN VE SİNİR CERRAHİSİ	SPINAL TRAUMA	GÜVEN GÜRSOY
26-11-2025	Çarşamba	10:30-11:20	BEYİN VE SİNİR CERRAHİSİ	SPINAL DIS HERNIATION	GÜVEN GÜRSOY
26-11-2025	Çarşamba	11:30-12:20	BEYİN VE SİNİR CERRAHİSİ	INTRACRANIAL PRESSURE INCREASE SYNDROMES	GÜVEN GÜRSOY
26-11-2025	Çarşamba	12:30-13:20		Klinik Uygulama / Clinical Application	
26-11-2025	Çarşamba	13:30-14:20	BEYİN VE SİNİR CERRAHİSİ	PERIPHERAL NERVE NEUROPATHIES	GÜVEN GÜRSOY
26-11-2025	Çarşamba	14:30-15:20		Klinik Uygulama / Clinical Application	
26-11-2025	Çarşamba	15:30-16:20		Klinik Uygulama / Clinical Application	
26-11-2025	Çarşamba	16:30-17:20		Klinik Uygulama / Clinical Application	
27-11-2025	Perşembe	08:30-09:20	TIP FAKÜLTESİ	Neurological examination	GÖNÜL GÜVENÇ
27-11-2025	Perşembe	09:30-10:20	TIP FAKÜLTESİ	Neurological examination	GÖNÜL GÜVENÇ
27-11-2025	Perşembe	10:30-11:20	TIP FAKÜLTESİ	Clinical Applied Practical lesson (Assessment of direct radiographs)	GÖNÜL GÜVENÇ
27-11-2025	Perşembe	11:30-12:20	TIP FAKÜLTESİ	Clinical Applied Practical lesson (Taking general and problem-oriented history)	GÖNÜL GÜVENÇ
27-11-2025	Perşembe	12:30-13:20		Klinik Uygulama / Clinical Application	
27-11-2025	Perşembe	13:30-14:20	TIP FAKÜLTESİ	Glasgow coma scale evaluation	GÖNÜL GÜVENÇ
27-11-2025	Perşembe	14:30-15:20	TIP FAKÜLTESİ	Servikal collar application	GÖNÜL GÜVENÇ
27-11-2025	Perşembe	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
27-11-2025	Perşembe	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
28-11-2025	Cuma	08:30-09:20		Sınav / Exam teorik sınav	
28-11-2025	Cuma	09:30-10:20		Sınav / Exam teorik sınav	
28-11-2025	Cuma	10:30-11:20		Sınav / Exam sözlü sınav	
28-11-2025	Cuma	11:30-12:20		Sınav / Exam sözlü sınav	
28-11-2025	Cuma	12:30-13:20		Sınav / Exam sözlü sınav	
28-11-2025	Cuma	13:30-14:20		Sınav / Exam sözlü sınav	
28-11-2025	Cuma	14:30-15:20		Sınav / Exam sözlü sınav	
28-11-2025	Cuma	15:30-16:20		Toplantı -Pratik /Meeting Practical staj sonu sınav sorularını değerlendirme toplantısı	
28-11-2025	Cuma	16:30-17:20		Toplantı -Pratik /Meeting Practical staj sonu değerlendirme toplantısı	

NEUROSURGERY

(PHASE 5)

LEARNING AIM(S)

1	In this course, it is aimed that students gain sufficient knowledge, skills, and attitudes to evaluate the signs and symptoms of common diseases in brain and neurosurgery within the scope of the National CEP, to diagnose in primary care conditions, to create a treatment plan / to perform applications / to follow up, to make emergency interventions when necessary or to provide a referral to a neurosurgeon.
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LEARNING OBJECTIVE(S)

1	To be able to diagnose diseases that require urgent neurosurgical intervention in the emergency department.
2	To be able to make the first response to neurosurgery emergencies and refer them appropriately.
3	To be able to recognize the clinic caused by intracranial hemorrhage, spinal injuries and intracranial space-occupying lesions, make a diagnosis and make a differential diagnosis.
4	To be able to explain first aid, timing of surgical treatment and emergency surgery options to the patients.
5	To be able to explain the formation mechanisms of neurosurgery related diseases.
6	To be able to explain the clinical features and clinical approach principles (diagnosis, treatment, and prevention) of the main diseases related to neurosurgery.
7	To be able to communicate well with the patient and their relatives, to take medical history regarding patient's health problems, personal and family history and nervous system.
8	To be able to perform physical examination of the nervous system.
9	To be able to evaluate the medical history and physical examination findings of the patient presenting with nervous system complaints, to choose the diagnostic methods/procedures that will guide the diagnosis and treatment in the appropriate order, to make a preliminary diagnosis/ diagnosis by evaluating these results.

10	To be able to plan appropriate treatment for neurosurgical problems/diseases at primary care level and to distinguish cases that require referral in neurosurgical diseases.
11	To be able to comprehend the importance of multidisciplinary approach to the problems related to neurosurgery.
12	To be able to recognize neural tube defects in newborns and children.
13	To be able to plan fluid and electrolyte therapy in patient with increased intracranial pressure (ICP).

INTENDED LEARNING OUTCOME(S)	
1	Can diagnose diseases that require urgent neurosurgical intervention in the emergency department.
2	Can make the first response to neurosurgery emergencies and refer them appropriately.
3	Can recognize the clinic caused by intracranial hemorrhage, spinal injuries and intracranial space-occupying lesions and make a diagnosis and make a differential diagnosis.
4	Can explain first aid, timing of surgical treatment and emergency surgery options to the patients.
5	Can explain the formation mechanisms of neurosurgery related diseases.
6	Can explain the clinical features and clinical approach principles (diagnosis, treatment, and prevention) of the main diseases related to neurosurgery.
7	Can communicate well with the patient and their relatives, can take medical history regarding patient's health problems, personal and family history and nervous system.
8	Can perform physical examination of the nervous system.
9	Can evaluate the medical history and physical examination findings of the patient presenting with nervous system complaints, can choose the diagnostic methods/procedures that will guide the diagnosis and treatment in the appropriate order, can make a preliminary diagnosis/diagnosis by evaluating these results.
10	Can plan appropriate treatment for neurosurgical problems/diseases at primary care level and distinguish cases that require referral in neurosurgical diseases.
11	Can comprehend the importance of multidisciplinary approach to the problems related to neurosurgery.
12	Can recognize neural tube defects in newborns and children.

13	Can plan fluid and electrolyte therapy in patient with Increased Intracranial Pressure (ICP).
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