



NERVOUS SYSTEM AND RELATED DISORDERS
YEAR 3 COURSE 3
January 11th, 2016 – March 11th, 2016

Coordinator of the Course 3.3 Assist. Prof., Mümtaz GÜRAN	Coordinator of the Module 3.3 Asist. Prof., Kerem TERALI
Coordinator of Multidisciplinary Students' Lab. Asist. Prof., Kerem TERALI	Coordinator of Clinical Skill Lab. Instructor., Berfu Çerçi ÖNGÜN
Coordinator of Assessment Unite Asist. Prof., Mümtaz GÜRAN, Assist. Prof. Dr. Mevhibe Hocaoğlu, Asist. Prof., Ayşe ÜLGEN, Asist. Prof., Kerem Teralı	Coordinator of ICS Res. LAB. Asist. Prof., Mevhibe Hocaoglu
Year 3 Coordinators Assoc. Prof., Arzu Akşit İLKi & Asist. Prof., Pınar Mega TİBER	
Module Coordinator Assoc. Prof., Özlem SARIKAYA	Introduction to Clinician Skills(ICS) Coordinators Prof., Sibel SAKARYA, Assoc. Prof., Pemra ÜNALAN
Coordinator of Multidisciplinary Students' Lab. Asist. Prof., Betül KARADEMİR	Coordinator of Assessment Unite Asist. Prof., Cevdet NACAR
Vice-Chief Coordinators	
Assessment Asist. Prof., Cevdet NACAR	Students' Affairs Asist. Prof., Can ERZİK
Chief Coordinator Assoc. Prof., Hasan YANANLI	Coordinator of Medical Education Program Evaluation and Development Commission Prof., Berrak Ç. YEĞEN
Educational Consultant Assoc. Prof., Mehmet Ali GÜLPINAR	
Dean (EMU)	Dean (MU)

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
- B. 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
- C. 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 health care
 14. Education and counseling

PHASE-1 LEARNING OBJECTIVES

1. Understanding the normal structures and functions of human body
2. Correlating the basic concepts and principles to each other that define health and disease; applying basic concepts and principles to health and disease conditions
3. Developing clinical problem solving, clinical reasoning and evaluation skills by integrating biomedical, clinical, social and humanities knowledge
4. Gaining basic clinical skills by applications in simulated settings.
5. Awareness of the professional values in health and disease processes (professional, individual, societal) and acquisition necessary related skills
6. Evaluating critically and synthesizing all the medical evidence and perform respecting scientific, professional and ethical values
7. Acquisition skills in reflective thinking and practicing, being open to continuous individual / professional development.

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

Year 1, Course 1: Introduction to Cell and Cellular Replication

Year 1, Course 2: Cellular Metabolism and Transport

Year 1, Course 3: Development and Organization of Human Body

Year 1, Course 4: Introduction to Nervous System and Human Behavior

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

Year 2, Course 4: Musculoskeletal, Integumentary Systems and Related Disorders

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

Year 3, Course 2: Gastrointestinal System, Metabolism and Related Disorders

Year 3, Course 3: Nervous System and Related Disorders

Year 3, Course : Growth, Development, Mental Health and Related Disorders

Year 3, Course 5: Urinary and Reproductive System and Related Disorders

NERVOUS SYSTEM AND RELATED DISORDERS

AIM and LEARNING OBJECTIVES of COURSE

Aim: At the end of this course, third year students will gain knowledge about the development, structure and physiology of the nervous system and pathogenesis of the disorders related to this system. They will also gain knowledge about the signs and symptoms of nervous system disorders, related risk factors, prevention, diagnosis and principles of treatment.

Learning Objectives: At the end of this course, third year students will,

- review the structure and function of the nervous system.
- define the pathologic processes in neurological disorders
- gain knowledge about microorganism that affect the nervous system and associated infections
- gain knowledge about the risk factors related to neurological disorders
- gain knowledge about the signs and symptoms of these disorders
- gain knowledge about the prevention of nervous system disorders, approach to diagnosis, principles of treatment and rehabilitation

ASSESSMENT SYSTEM

Module examination: Written exam at the end of module (10 % of final score)

Practical examination: Practical exams at the end of course

Course examination: Written exam at the end of course

PROGRAM EVALUATION

Evaluation at the end of the course, is done both orally and by using structured evaluation forms

DEPARTMENTS PARTICIPATING IN COURSE-3.3

- Anatomy
- Anesthesiology
- Biophysics
- Emergency Medicine
- Family Medicine
- Forensic Medicine
- Histology and Embryology
- Infectious Disease
- Medical Biology
- Microbiology
- Neurology

- Neurosurgery
- Pathology
- Pediatrics
- Pharmacology
- Physical Therapy and Rehabilitation
- Physiology
- Physical Therapy and Rehabilitation
Medical Education
- Public Health
- Radiology

LECTURERS / TUTORS

Erkan Kaptanoğlu, Prof. of Neurosurgery
Ahmet Akıcı, Assoc. Prof. of Pharmacology
Alper Yıldırım, Assist. Professor of Physiology
Arzu Uzuner, Assoc. Professor of Family Medicine
Aşkın Şeker, Assist. Prof. of Neurosurgery
Atila Karaalp, Professor of Pharmacology
Aymelek Yalın, Professor of Anatomy
Ayşe Garip, Assoc. Professor of Biophysics
Bariş İşak, Assoc. Prof. of Neurology
Beliz Bilgili, Assist. Prof. of Anesthesiology
Berfu Çerçi Öngün , Instructor, General Practitioner
Beste Melek Atasoy, Assoc. Prof. of Radiation
Oncology
Burak Aksu, Assist. Prof. of Microbiology
Çiğdem Apaydın, Assoc. Prof. of Family Medicine
Dilek Akakin, Assoc. Prof. of Histology and
Embryology
Dilek Günal, Professor of Neurology
Dilşad Türkdoğan, Professor of Pediatrics
Emel Lüleci, Assoc. Prof. of Public Health
Filiz Onat, Professor of Pharmacology
Gazanfer Ekici, Professor of Radiology

İnci Alican, Professor of Physiology
İpek Midi, Assoc. Prof. of Neurology
Kadriye Ağan Yıldırım, Assoc. Prof. of Neurology
Mehmet Akman, Assoc. Prof. of Family Medicine
Mustafa Bakır, Professor of Pediatrics
Mustafa İbrahim Ziyal, Professor of Neurosurgery
N. Evrim Karadağ Saygı, Assoc. Prof. of Physical
Medicine And Rehabilitation
Nurver Ülger, Professor of Microbiology
Özgür Kasımay, Assoc. Professor of Physiology
Özlem Sarıkaya, Assoc. Prof. of Medical Education
Pınar Ata, Assoc. Professor of Medical Biology
Pınar Ay, Assoc. Prof. of Public Health
Pınar Kahraman Koytak, Assist. Prof. of Neurology
Pelin Bağcı, Assoc. Professor of Pathology
Rezzan Gülhan, Assoc. Prof. of Pharmacology
Süheyla Bozkurt, Assoc. Prof. of Pathology,
Tülin Tanrıdağ, Professor of Neurology,
Ufuk Hasdemir, Professor of Microbiology
Ümit Şehirli, Professor of Anatomy
Zafer Gören, Professor of Pharmacology

READING / STUDYING MATERIALS

Biochemistry; Stryer, 4th ed., Freeman

- Biochemistry; Zubay, 3rd ed., WCB
- Clinical Anatomy for Medical Students; Richard S. Snell
- Clinically Oriented Anatomy; Keith L. Moore, Arthur F. Dalley
- Color Textbook of Histology; Gartner & Hiatt, 3rd ed., Elsevier Health Sciences, 2004
- D.H. Hubel; Eye, Brain and Vision
- Gray Anatomy; Çeviri Editörü: Prof. Dr. Mehmet YILDIRIM, Güneş Kitabevi, 2006
- Gray's Anatomy for Students; Richard L. Drake, Henry Gray, Adam W.M. Mitchell
- Guyton & Hall ; Textbook of Physiology, 11th edition, Elsevier-Saunders, 2006.
- Histology A Text and Atlas; Michael H Ross, Michael R. Ross, Wojciech Pawlina, 5th ed. Lippincott Williams & Wilkins, 2006
- Histoloji ve Hücre Biyolojisi; Abraham L.Kierzenbaum; Çeviri editörü: Ramazan Demir, Palme Yayıncılık - Ankara, 2006
- Human Histology: Alan Stevens, James Lowe, 3rd ed., Elsevier Health Sciences, 2004
- M.F. Baer, Connors & Paradiso; Neuroscience 2nd ed.

SUMMARY OF THE COURSE 3.3

Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	31	9	43
Anesthesiology	1		1
Biophysics	1	1	2
Pediatrics	2		2
Family Medicine	3		3
Histology and Embryology	2	1	3
Infectious Disease	1		1
Medical Biology	1		1
Microbiology	4		4
Neurology	16		16
Neurosurgery	3		3
Pathology	11	2	13
Pharmacology	10		10
Physical Medicine and Rehabilitation	2		2
Physiology	10		10
Public Health	3		3
Radiology	2		2
Subtotal	113	13	126
PBL Module	10		10
ICS-3: Basic Medical Practices, Clinical Skills Lab., Students Research Activity	4	24	28
Medical Turkish Communication Skills (Foreign Students)	8		8
Communication in Turkish-IV	20		20
TOTAL	155	37	192s

THEORETICAL AND PRACTICAL SESSIONS		LECTURER/TUTOR
Week-1 (January 11-15, 2016)		
Monday	January 11	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30	Introduction to the course	Dr. İnci Alican
13:40-14:30	Organization of the cortex; motor cortex and corticospinal system	Dr. İnci Alican
14:40-15:30	Organization of the cortex; motor cortex and corticospinal system	Dr. İnci Alican
15:40-16:30	Cerebellum	Dr. İnci Alican
16:40-17:30	Cerebellum	Dr. İnci Alican
Tuesday	January 12	
08:40-09:30	Meninges & dural sinuses of the brain	Dr. Aymelek Yalın
09:40-10:30	Meninges & dural sinuses of the brain	Dr. Aymelek Yalın
10:40-11:30	General structure of the spinal cord	Dr. Aymelek Yalın
11:40-12:30	General structure of the spinal cord	Dr. Aymelek Yalın
13:40-14:30	Anatomy LAB: Meninges & dural sinuses of the brain	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
14:40-15:30	The basal nuclei	Dr. İnci Alican
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	January 13	
08:40-09:30	Ascending pathways	Dr. Aymelek Yalın
09:40-10:30	Ascending pathways	Dr. Aymelek Yalın
10:40-11:30	Descending pathways	Dr. Aymelek Yalın
11:40-12:30	Anatomy LAB: Meninges & dural sinuses of the brain	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
13:40-14:30	Genetic basis of neurological diseases	Dr. Pınar Ata
14:40-15:30	Bacterial and aseptic meningitis	Dr. Burak Aksu
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	January 14	
08:40-09:30	ICS 3- Polyclinics Visit-4	Dr. Berfu Çerçi Öngün
09:40-10:30	ICS 3- Polyclinics Visit-4	Dr. Berfu Çerçi Öngün
10:40-11:30	ICS 3- Polyclinics Visit-4	Dr. Berfu Çerçi Öngün
11:40-12:30	ICS 3- Polyclinics Visit-4	Dr. Berfu Çerçi Öngün

13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	January 15	
08:40-09:30	Medical Turkish Communication Skills	Ayşe Kozansoy
09:40-10:30	Medical Turkish Communication Skills	Ayşe Kozansoy
10:40-11:30	Communication in Turkish-IV	Emine Özerinç
11:40-12:30	Communication in Turkish-IV	Emine Özerinç
13:40-14:30	Communication in Turkish-IV	Emine Özerinç
14:40-15:30	Communication in Turkish-IV	Emine Özerinç
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Week-2 (January 18-22, 2016)		
Monday	January 18	
08:40-09:30	STUDY TIME	
09:40-10:30	Brain stem	Dr. Aymelek Yalın
10:40-11:30	Brain stem	Dr. Aymelek Yalın
11:40-12:30	Brain stem	Dr. Aymelek Yalın
13:40-14:30	Communication in Turkish-IV	Emine Özerinç
14:40-15:30	Communication in Turkish-IV	Emine Özerinç
15:40-16:30	Communication in Turkish-IV	Emine Özerinç
16:40-17:30	Communication in Turkish-IV	Emine Özerinç
Tuesday	January 19	
08:40-09:30	Cranial nerves	Dr. Aymelek Yalın
09:40-10:30	Cranial nerves	Dr. Aymelek Yalın
10:40-11:30	Cranial nerves	Dr. Aymelek Yalın
11:40-12:30	Cranial nerves	Dr. Aymelek Yalın
13:40-14:30	Anatomy LAB: Cranial nerves	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	January 20	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	

11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	January 21	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Communication in Turkish-IV	Emine Özerinç
11:40-12:30	Communication in Turkish-IV	Emine Özerinç
13:40-14:30	Medical Turkish Communication Skills	Ayşe Kozansoy
14:40-15:30	Medical Turkish Communication Skills	Ayşe Kozansoy
15:40-16:30	Cerebrum, cerebellum and spinal cord	Dr. Dilek Akakin
16:40-17:30	Histology LAB: Cerebrum, cerebellum and spinal cord	Dr. Dilek Akakin
Friday	January 22	
08:40-09:30	Review: development of the Nervous System	Dr. Dilek Akakin
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
	STUDY TIME	
15:40-16:30		
16:40-17:30	STUDY TIME	
Week-3 (February 08-12, 2016)		
Monday	February 08	
08:40-09:30	Brain stem review	Dr. Alper Yıldırım
09:40-10:30	Cognitive and emotional functions	Dr. Alper Yıldırım
10:40-11:30	Cognitive and emotional functions	Dr. Alper Yıldırım
11:40-12:30	Cerebrospinal circulation	Dr. Alper Yıldırım
13:40-14:30	Epidemiology and control of dementias	Dr. Pınar Ay
14:40-15:30	Epidemiology and prevention of occupational neurological disorders	Dr. Pınar Ay
15:40-16:30	PBL Module-1	Dr. Pınar Ay, Dr. Berfu Çerçi Öngün
16:40-17:30	PBL Module-1	Dr. Pınar Ay, Dr. Berfu Çerçi Öngün

Tuesday	February 9	
08:40-09:30	Cerebral cortex: functional areas & general topography	Dr. Ümit Şehirli
09:40-10:30	Cerebral cortex: functional areas & general topography	Dr. Ümit Şehirli
10:40-11:30	Extrapyramidal system disorders	Dr. Dilek Günal
11:40-12:30	Demyelinating disorders	Dr. Dilek Günal
13:40-14:30	Epidemiology of neurological diseases	Dr. Emel Lüleci
14:40-15:30	Anatomy LAB: Cerebral cortex: functional areas & general topography	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
15:40-16:30	Anatomy LAB: Spinal cord	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
16:40-17:30	Limbic system and pineal gland	Dr. Ümit Şehirli
Wednesday	February 10	
08:40-09:30	Hypothalamus and pituitary gland	Dr. Ümit Şehirli
09:40-10:30	Cerebellum	Dr. Ümit Şehirli
10:40-11:30	Anatomy LAB: Brain stem	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: Hypothalamus, pituitary, limbic system and pineal-Group A	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
13:40-14:30	Thalamus	Dr. Ümit Şehirli
14:40-15:30	White matter of cerebrum	Dr. Ümit Şehirli
15:40-16:30	Anatomy LAB: Cerebellum	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
16:40-17:30	Basal ganglia subthalamus	Dr. Ümit Şehirli
Thursday	February 11	
08:40-09:30	Basal ganglia subthalamus	Dr. Ümit Şehirli
09:40-10:30	Vessels of the central nervous system	Dr. Ümit Şehirli
10:40-11:30	Vessels of the central nervous system	Dr. Ümit Şehirli
11:40-12:30	Brain ventricles and subarachnoid spaces	Dr. Ümit Şehirli
13:40-14:30	Anatomy LAB: Basal ganglia, thalamus, subthalamu	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
14:40-15:30	Anatomy LAB: Vessels of the central nervous system	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
15:40-16:30	Anatomy LAB: Brain ventricles and subarachnoid spaces	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
16:40-17:30	Autonomic nervous system	Dr. Ümit Şehirli
Friday	February 12	
08:40-09:30	STUDY TIME	
09:40-10:30	Local and general anesthetics	Dr. Ahmet Akıcı
10:40-11:30	Local and general anesthetics	Dr. Ahmet Akıcı
11:40-12:30	Principles of CT and MRI	Dr. Ayşe Garip

13:40-14:30	Biophysics LAB: Principles of EEG-Group A	Dr. Pinar Mega Tiber, Dr. Ayşe Garip
14:40-15:30	Biophysics LAB: Principles of EEG-Group B	Dr. Pinar Mega Tiber, Dr. Ayşe Garip
15:40-16:30	Biophysics LAB: Principles of EEG-Group C	Dr. Pinar Mega Tiber, Dr. Ayşe Garip
16:40-17:30	Biophysics LAB: Principles of EEG-Group D	Dr. Pinar Mega Tiber, Dr. Ayşe Garip
Week-4 (February 15-19, 2016)		
Monday	February 15	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Tetanus	Dr. Nurver Ülger
11:40-12:30	Poliomyelitis	Dr. Nurver Ülger
13:40-14:30	Headache in primary care	Dr. Arzu Uzuner
14:40-15:30	Headache in primary care	Dr. Arzu Uzuner
15:40-16:30	PBL Module-2	Dr. Arzu Uzuner, Dr. Berfu Çerçi Öngün
16:40-17:30	PBL Module-2	Dr. Arzu Uzuner, Dr. Berfu Çerçi Öngün
Tuesday	February 16	
08:40-09:30	Introduction to pathology of muscle diseases and peripheral nerve	Dr. Pelin Bağcı
09:40-10:30	Nervous system malformations	Dr. Pelin Bağcı
10:40-11:30	Pathology of central nervous system infections	Dr. Pelin Bağcı
11:40-12:30	Pathology of central nervous system infections	Dr. Pelin Bağcı
13:40-14:30	Pharmacotherapy of Parkinson's disease	Dr. Rezzan Gülhan
14:40-15:30	Slow virus infections and prion diseases	Dr. Ufuk Hasdemir
15:40-16:30	Rabies	Dr. Ufuk Hasdemir
16:40-17:30	Pharmacotherapy of cognitive disorders	Dr. Zafer Gören
Wednesday	February 17	
08:40-09:30	ICS 3: Advanced Communication Skills	Dr. Özlem Sarıkaya, Dr. Beste Melek Atasoy, Dr. Berfu Çerçi Öngün
09:40-10:30	ICS 3: Advanced Communication Skills	Dr. Özlem Sarıkaya, Dr. Beste Melek Atasoy, Dr. Berfu Çerçi Öngün
10:40-11:30	ICS 3: Advanced Communication Skills	Dr. Özlem Sarıkaya, Dr. Beste Melek Atasoy, Dr. Berfu Çerçi Öngün
11:40-12:30	ICS 3: Advanced Communication Skills	Dr. Özlem Sarıkaya, Dr. Beste Melek Atasoy, Dr. Berfu Çerçi

		Öngün
13:40-14:30	ICS 3: Advanced Communication Skills	Dr. Özlem Sarıkaya, Dr. Beste Melek Atasoy, Dr. Berfu Çerçi Öngün
14:40-15:30	ICS 3: Advanced Communication Skills	Dr. Özlem Sarıkaya, Dr. Beste Melek Atasoy, Dr. Berfu Çerçi Öngün
15:40-16:30	ICS 3: Advanced Communication Skills	Dr. Özlem Sarıkaya, Dr. Beste Melek Atasoy, Dr. Berfu Çerçi Öngün
16:40-17:30	ICS 3: Advanced Communication Skills	Dr. Özlem Sarıkaya, Dr. Beste Melek Atasoy, Dr. Berfu Çerçi Öngün
Thursday	February 18	
08:40-09:30	Basic histopathologic neuronal reaction to injury	Dr. Süheyla Bozkurt
09:40-10:30	Pathology of demyelinating diseases	Dr. Süheyla Bozkurt
10:40-11:30	Neurodegenerative diseases & dementia	Dr. Süheyla Bozkurt
11:40-12:30	Pathology of cerebrovascular disease	Dr. Süheyla Bozkurt
13:40-14:30	Anesthetic premedication	Dr. Atila Karaalp
14:40-15:30	Skeletal muscle relaxants	Dr. Atila Karaalp
15:40-16:30	PBL Module-3	Dr. Atila Karaalp
16:40-17:30	PBL Module-3	Dr. Atila Karaalp
Friday	February 19	
08:40-09:30	STUDY TIME	
09:40-10:30	Pathology of cerebrovascular disease	Dr. Süheyla Bozkurt
10:40-11:30	Nervous system tumors	Dr. Süheyla Bozkurt
11:40-12:30	Nervous system tumors	Dr. Süheyla Bozkurt
13:40-14:30	Pathology LAB: Pathology of central nervous system	Dr. Süheyla Bozkurt
14:40-15:30	Pathology LAB: Pathology of central nervous system	Dr. Süheyla Bozkurt
15:40-16:30	Communication in Turkish-IV	Emine Özerinç
16:40-17:30	Communication in Turkish-IV	Emine Özerinç
Week-5 (February 22-26, 2016)		
Monday	February 22	
08:40-09:30	Adult patient with paresthesia, arthralgia and lethargia	Dr. Mehmet Akman
09:40-10:30	Communication in Turkish-IV	Emine Özerinç
10:40-11:30	Communication in Turkish-IV	Emine Özerinç
11:40-12:30	Sleep and sleep disorders	Dr. Kadriye Ağan Yıldırım

13:40-14:30	Epilepsy	Dr. Kadriye Ağan Yıldırım
14:40-15:30	Epilepsy	Dr. Kadriye Ağan Yıldırım
15:40-16:30	PBL Module-4	Dr. Kadriye Ağan Yıldırım, Dr. Berfu Çerçi Öngün
16:40-17:30	PBL Module-4	Dr. Kadriye Ağan Yıldırım, Dr. Berfu Çerçi Öngün
Tuesday	February 23	
08:40-09:30	Medical Turkish Communication Skills	Ayşe Kozansoy
09:40-10:30	Medical Turkish Communication Skills	Ayşe Kozansoy
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	Management of pain	Dr. Beliz Bilgili
14:40-15:30	Communication in Turkish-IV	Emine Özerinç
15:40-16:30	Communication in Turkish-IV	Emine Özerinç
16:40-17:30	STUDY TIME	
Wednesday	February 24	
08:40-09:30	ICS 3: Combining Medical Practice Skills-1	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün
09:40-10:30	ICS 3: Combining Medical Practice Skills-1	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün
10:40-11:30	ICS 3: Combining Medical Practice Skills-1	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün
11:40-12:30	ICS 3: Combining Medical Practice Skills-1	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün
13:40-14:30	ICS 3: Combining Medical Practice Skills-1	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün
14:40-15:30	ICS 3: Combining Medical Practice Skills-1	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün
15:40-16:30	ICS 3: Combining Medical Practice Skills-1	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün
16:40-17:30	ICS 3: Combining Medical Practice Skills-1	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün
Thursday	February 25	
08:40-09:30	Myopathies and myasthenia gravis	Dr. Tülin Tanrıdağ

09:40-10:30	Headache in the emergency room	Dr. Tülin Tanrıdağ
10:40-11:30	Neurological emergencies	Dr. Tülin Tanrıdağ
11:40-12:30	Peripheral nerve disorders	Dr. Barış İşak
13:40-14:30	Peripheral nerve disorders	Dr. Barış İşak
14:40-15:30	Motor neuron disorders	Dr. Barış İşak
15:40-16:30	PBL Module-5	Dr. Tülin Tanrıdağ, Dr. Berfu Çerçi Öngün
16:40-17:30	PBL Module-5	Dr. Tülin Tanrıdağ, Dr. Berfu Çerçi Öngün
Friday	February 26	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Communication in Turkish-IV	Emine Özerinç
11:40-12:30	Communication in Turkish-IV	Emine Özerinç
13:40-14:30	Introduction to CNS pharmacology	Dr. Filiz Onat
14:40-15:30	Pharmacotherapy in epilepsy	Dr. Filiz Onat
15:40-16:30	Basic principles of action of drugs affecting neurotransmission	Dr. Filiz Onat
16:40-17:30	Clinical pharmacology of opioids	Dr. Filiz Onat
Week-6 (February 29-March 04, 2016)		
Monday	February 29	
08:40-09:30	Signs and symptoms in neurology	Dr. İpek Midi
09:40-10:30	Signs and symptoms in neurology	Dr. İpek Midi
10:40-11:30	Cerebrovascular disease	Dr. İpek Midi
11:40-12:30	Cerebrovascular disease	Dr. İpek Midi
13:40-14:30	Dementia, Alzheimer's disease and related dementias	Dr. İpek Midi
14:40-15:30	Introduction to pediatric neurology: From symptoms to signs	Dr. Dilşad Türkdoğan
15:40-16:30		
16:40-17:30		
Tuesday	March 01	
08:40-09:30	Increased intracranial pressure	Dr. Erkan Kaptanoğlu
09:40-10:30	Head and spinal cord trauma	Dr. Mustafa İbrahim Ziyal
10:40-11:30	Spinal cord compression syndrome and disc herniation	Dr. Aşkın Şeker
11:40-12:30	Rehabilitation of neurological disorders	Dr. N. Evrim Karadağ Saygı
13:40-14:30	Rehabilitation of neurological disorders	Dr. N. Evrim Karadağ Saygı
14:40-15:30	Communication in Turkish-IV	Emine Özerinç
15:40-16:30	Communication in Turkish-IV	Emine Özerinç

16:40-17:30	STUDY TIME	
Wednesday	March 02	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Spinal reflexes	Dr. Özgür Kasımay
11:40-12:30	Spinal reflexes	Dr. Özgür Kasımay
13:40-14:30		
14:40-15:30	Infectious diseases of the nervous system	Dr. Mustafa Bakır
15:40-16:30	Introduction to neuroradiology	Dr. Gazanfer Ekinci
16:40-17:30	Introduction to neuroradiology	Dr. Gazanfer Ekinci
Thursday	March 03	
08:40-09:30	Medical Turkish Communication Skills	Ayşe Kozansoy
09:40-10:30	Medical Turkish Communication Skills	Ayşe Kozansoy
10:40-11:30	Autonomic nervous system	Dr. Ümit Şehirli
11:40-12:30	Visual pathway	Dr. Ümit Şehirli
13:40-14:30	Vestibular system and auditory pathway	Dr. Ümit Şehirli
14:40-15:30	Vestibular system and auditory pathway	Dr. Ümit Şehirli
15:40-16:30	Anatomy LAB: Autonomic Nervous System	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
16:40-17:30	STUDY TIME	
Friday	March 04	
08:40-09:30	ICS 3: CSL-Neurology session	Dr. Pınar Kahraman Koytak, Dr. Berfu Çerçi Öngün
09:40-10:30	ICS 3: CSL-Neurology session	Dr. Pınar Kahraman Koytak, Dr. Berfu Çerçi Öngün
10:40-11:30	ICS 3: CSL-Neurology session	Dr. Pınar Kahraman Koytak, Dr. Berfu Çerçi Öngün
11:40-12:30	ICS 3: CSL-Neurology session	Dr. Pınar Kahraman Koytak, Dr. Berfu Çerçi Öngün
13:40-14:30	ICS 3: CSL-Neurology session	Dr. Pınar Kahraman Koytak, Dr. Berfu Çerçi Öngün
14:40-15:30	ICS 3: CSL-Neurology session	Dr. Pınar Kahraman Koytak, Dr. Berfu Çerçi Öngün
15:40-16:30	ICS 3: CSL-Neurology session	Dr. Pınar Kahraman Koytak, Dr. Berfu Çerçi Öngün
16:40-17:30	ICS 3: CSL-Neurology session	Dr. Pınar Kahraman Koytak, Dr. Berfu Çerçi Öngün

		Öngün
Week-7 (March 07-11, 2016)		
Monday	March 07	
08:40-09:30	PRACTICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Tuesday	March 08	
08:40-09:30	PRACTICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Wednesday	March 09	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	March 10	
09:00-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	

14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	March 11	
08:40-09:30		
09:40-10:30	THEORETICAL EXAM	
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		