

University of Mostar, Faculty of Medicine

Medical Study in English

EPILEPSY IN CHILDREN AND ADULTS

Course leader: Ass. Prof. Nataša Pejanović-Škobić, MD, PhD

Academic Year: 2024/2025

June 27 – July 01, 2025.

I. COURSE AIMS:

- To understand and acquire knowledge about diagnosis and treatment of children and adults with epilepsy
- To assess and argue the importance of socioeconomic, psychological, environmental determinants and provide guidance on social issues in children and adults with epilepsy

II. LOCATIONS:

Lectures will take place at the Faculty of Medicine University of Mostar, Bijeli brijeg bb, 88000 Mostar

Seminars will take place at the Faculty of Medicine University of Mostar, Bijeli brijeg bb, 88000 Mostar

Exercises / Practicals will be held at the Clinic of Neurology and Clinic of Pediatrics, University Clinical Hospital Mostar, Bijeli brijeg bb, 88000 Mostar

III. COURSE STRUCTURE:

Total: 25 hours

lectures (L): 8 hours

seminars (S): 7 hours

exercises / practicals (E/P): 10 hours

IV. MEDICAL STUDY IN ENGLISH: EPILEPSY IN CHILDREN AND ADULTS - COURSE SCHEDULE 2024-2025

Date	Title	Time	Topic	Hrs	Lecturer	Place
Friday 27.06.2025.	L1	08:30-09:15	Epilepsy definition and classification	1	Nataša Pejanović-Škobić	MEF
	L2	09:20-10:05	Etiology of epilepsy in adults	1	Nataša Pejanović-Škobić	MEF
	L3	10:10-10:55	Etiology of epilepsy in children	1	Ana Boban-Raguž	MEF
	L4	11:00-11:45	Diagnosis of epilepsy	1	Nataša Pejanović-Škobić	MEF
	S1	11:50-12:35	Generalised onset epileptic seizures	1	Ana Boban - Raguž	MEF
	S2	12:40-13:25	Focal onset epileptic seizures: Frontal and temporal lobe epilepsy	1	Ana Boban-Raguž	MEF
	S3	13:30-14:15	Focal onset epileptic seizures: Parietal and occipital lobe epilepsy	1	Nataša Pejanović-Škobić	MEF
	S4	14:20-15:05	Epilepsy imitators – psychogenic nonepileptic attacks	1	Nataša Pejanović-Škobić	MEF
	P1	15:10-18:55	Practicals – Neurology Clinic (EMU)	5	Lecturers and assistants	Clinic of Neurology
Monday 30.06.2025.	L5	08:30-09:15	Pharmacological therapy of epilepsy	1	Nataša Pejanović-Škobić	MEF
	L6	09:20-10:05	Non-pharmacological therapy of epilepsy	1	Ana Boban – Raguž	MEF
	L7	10:10-10:55	Status epilepticus	1	Nataša Pejanović-Škobić	MEF
	L8	11:00-11:45	Epilepsy and pregnancy	1	Nataša Pejanović-Škobić	MEF
	S5	11:50-12:35	Epileptic syndromes	1	Ana Boban – Raguž	MEF
	S6	12:40-13:25	Nonepileptic seizures and similar phenomena in children	1	Ana Boban – Raguž	MEF
	S7	13:30-14:15	Social issues in adults with epilepsy	1	Nataša Pejanović-Škobić	MEF
	P2	14:20-18:05	Practicals – Pediatric clinic (EMU)	5	Lecturers and assistants	Clinic of Pediatrics

Tuesday 01.07.2025.	Exam	09:00-10:30	Written exam	2	Lecturers - examiners	MEF
--------------------------------	-------------	--------------------	---------------------	---	--------------------------	-----

V. STUDENT RESPONSIBILITIES AND EXAMINATION:

Students need to prepare actively for participating in seminars and practicals. Assessment of students' performance will be based on their general activity during the course. It will include active participation in the debates, and preparation of the given units (articles) for the ppt on seminars.

Presence on the lectures, seminars and practicals is obligatory. Student can miss only 20% of the selected topics (reasonable grounds).

After finishing the course students have to gather signature of the Course leader in Index as proof that they have finished the Course and have prerequisite for the exam.

Testing of knowledge is done by written exam.

Written exam will be held on the last day of the Course.

Written exam consists of multiple choice questions.

The results of the written exam are acknowledged by the end of the ongoing academic year. After that, students have to take the written exam again.

VI. COURSE GRADES:

Written exam:

A = 91-100% - 5 (excellent)

B = 79 to 90% - 4 (very good)

C = 67 to 78% - 3 (good)

D = 55 to 66% - 2 (satisfactory)

F = 0 to 54% - 1 (fail)

VII. REGULAR DATES OF WRITTEN EXAM:

1st exam term: July 01, 2025.

VIII. LITERATURE:

Recommended:

Understanding Epilepsy. Vibhangini S Wasade. Marianna V. Spanaki. Cambridge University Press. 2020.

Pediatric Epilepsy Case Studies: From Infancy and Childhood Through Adolescence. Kevin Chapman et al. CRC Press. 2008.

Supplementary:

Navigating Life with Epilepsy. David C Spencer. Oxford University Press. 2016.

The importance of Photosensitivity for Children. Dorothee Kasteleijn-Nolst Trenite. Springer.

IX. LIST OF LECTURERS AND TEACHING STAFF

1. Assistant Professor Nataša Pejanović-Škobić, MD, PhD, neurologist – *Course leader*
2. Assistant Ana Boban - Raguž, MD, PhD, pediatrician, neuropediatrics subspecialist – *Course leader deputy*
3. Assistant Sijana Demirović, MD - *Secretary of the Course*

X. LIST OF EXAMINERS FOR 2024/2025. ACADEMIC YEAR

1. Assistant Professor Nataša Pejanović-Škobić, MD, PhD, neurologist

Course leader:
Ass. Prof. Nataša Pejanović-Škobić, MD, PhD