

**Teaching Program for the students of the Faculty of Medicine and Dentistry 5-year
English Program at the Pomeranian Medical University In Szczecin.
Course: Neurology**

Name and address of Department:

Department of Neurology
Pomeranian Medical University
Unii Lubelskiej str. 1, 71-252 Szczecin

Head of the Department:

Professor Przemysław Nowacki, M.D.

Total hours:

Total: 15

Lectures: 5

Practical classes: 10

ECTS points: 15

Aim/s of the course:

The aim of the course is to provide students with an understanding of the background of selected neurological disorders and to gain the practical skills needed to organize, perform, and interpret the basic neurological examination.

Teaching Program:

Topics of the lectures:

1. Introduction to neurology - the upper and lower motor neuron, cerebellum - anatomical and physiological considerations. Movement and speech disorders.
2. Selected elements of neurological examination – demonstration and personal performance. Cranial nerves lesion: pathogenesis, symptomatology, diagnostic procedures and treatment.
3. Upper and lower back pain: clinical symptoms, diagnostic procedures, treatment. Headaches and trigeminal neuralgia. Carpal tunnel syndrome.
4. Dementia. Brain trauma. Consciousness disturbances. Neurological consequences of drugs and addiction. Neurological diseases in dental practice: Multiple sclerosis, Myasthenia gravis, Parkinson's disease.
5. Cerebrovascular diseases (ischemic stroke, intracerebral hemorrhage, subarachnoid hemorrhage): incidence and definition, risk factors, symptoms, prophylaxis and treatment. Epilepsy: definition, characteristic symptoms of main epileptic seizures, status epilepticus.

Topics of practical classes:

1. Introduction to neurology - the upper and lower motor neuron, cerebellum - anatomical and physiological considerations. Movement and speech disorders.
2. Selected elements of neurological examination – demonstration and personal performance. Cranial nerves lesion: pathogenesis, symptomatology, diagnostic procedures and treatment.
3. Upper and lower back pain: clinical symptoms, diagnostic procedures, treatment. Headaches and trigeminal neuralgia. Carpal tunnel syndrome.
4. Dementia. Brain trauma. Consciousness disturbances. Neurological consequences of drugs and addiction. Neurological diseases in dental practice: Multiple sclerosis, Myasthenia gravis, Parkinson's disease.

5. Cerebrovascular diseases (ischemic stroke, intracerebral hemorrhage, subarachnoid hemorrhage): incidence and definition, risk factors, symptoms, prophylaxis and treatment. Epilepsy: definition, characteristic symptoms of main epileptic seizures, status epilepticus.

Forms of activities:

The lectures provide students with an understanding the background of selected neurological disorders, while classes are focused on the practical skills.

Evaluation:

The classes are obligatory. To get a final signature, student has to be present during all classes and take an active participation.

Missed classes, excused by the illness, must be made up at the end of the didactic period, before examination session. The date for making up the overdue classes will be set several days before the end of programme.

Students are obliged to pass the classes before the examination session to take the first term exam.

To receive a final positive mark (a grade of at least 3.0) students have to pass an oral exam during examination session of the semester in which the programme was realized (the first term). The unsatisfactory mark received during the first term qualifies the student for next two re-sit examinations. The date of re-sit examinations will be arranged on individual basis, within the re-sit session. The deadline for passing the re-sit examinations is September 25th of the academic year, in which the programme was done.

Obligatory booklist:

Clinical Neurology

Third Edition 2003

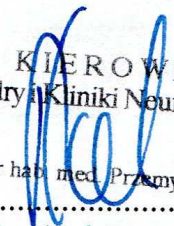
C David Marsden & Timothy J Fowler

Optional booklist:

Adams and Victor's principles of Neurology

Brown R.H., Ropper A.H.

McGraw-Hill, 2005

KIEROWNIK
Katedry i Kliniki Neurologii PAM

Prof. dr hab. med. Przemysław Nowacki
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Head of Department