

Syllabus
Pathological Physiology 2
Summer Semester 2022/2023
Week 9

General Medicine

1. Lecture

- Higher NS disorders - memory disturbances, speech disorder, dyspraxia, agnosia, impaired intellect
- Dementia syndrome - causes, classification
- Hypothalamic- hypophyseal disorders I
- Hypophyseal disorders II, growth hormone disorders

2. Seminars

- T: Cerebrovascular disease – classification, etiopathogenesis, clinical signs, complications, Intracerebral haemorrhage
- S: Sensory dis. - deafness, blindness – classification, etiopathogenesis, clinical signs, complications
Epilepsy and other neurological conditions associated with seizures – classification, etiopathogenesis, clinical signs, complications.

3. Practical Protocol 2: Audiogenic epilepsy in rats

- Movie (link) + commentary to the movie (English translation) available at our web page
<http://patfyz.medic.upjs.sk/estudmat.htm>
- Theoretical introduction available at
[http://patfyz.medic.upjs.sk/estudmat/Practical%20lessons%20PP%20\(last\).pdf](http://patfyz.medic.upjs.sk/estudmat/Practical%20lessons%20PP%20(last).pdf)
- Editable protocol form available at <http://patfyz.medic.upjs.sk/estudmat.htm>
- Prepare the protocols and pass them on to the teacher according to the instructions.

4. Examination of knowledge (quiz, oral examination)

5. Presentations of semester works and selected topics according to the group schedules.

Dental Medicine

1. Lecture

- Neurodegenerative disorders - classification; genetic basis; inclusions diseases
- Cerebrovascular disease – classification, etiopathogenesis, clinical signs, complications, Intracerebral haemorrhage

2. Seminars

- T: Alzheimer´s disease – etiopathogenesis, clinical signs, complications
- S: Higher NS disorders - memory disturbances, speech disorder, dyspraxia, agnosia, impaired intellect
Dementia syndrome - causes, classification

3. Examination of knowledge (quiz, oral examination)

4. Presentations of semester works and selected topics according to the group schedules.

Seminars (S) = special topics for discussion; **Tutorials & homework & exams (T)** = discussions, consultations, oral and quiz exams on the current topics.

Note: The range of topics and their timetable during the tutorials and seminars in each group is determined by the teacher and to a large extent, by the presentations, consultation interests, questions and readiness of the group and may vary in between groups. Neither tutorials nor seminars are lectures, but dialogue and discussion and thus require an active participation and preparation of students for the topics.

Recommended audio-visual materials

Dementia

- https://www.youtube.com/watch?v=v5gdH_Hydes
- <https://www.youtube.com/watch?v=zTd0-A5yDZI>
- <https://www.youtube.com/watch?v=QmLStxU12F0>
- <https://www.youtube.com/watch?v=5vw9Te0rOao>

Higher nervous system disorders

- <https://www.youtube.com/watch?v=62R0BsYe0iw>

Cerebrovascular diseases

- <https://www.youtube.com/watch?v=lpqFWK3gkhh>
- <https://www.youtube.com/watch?v=PIGWTStyyhQ>