

Syllabus - Distance learning
General Medicine
Week 8

1) **Announcement.** By the order of the rector, a distant form of education is going to continue until the end of semester.

2) **Content of the self-study: Topics**

Nervous system (content)

- a) **Dementia syndrome** - causes, classification (vascular dementia; Alzheimer's disease)
- b) **Disorders of higher nervous functions** - memory disturbances, speech disorders, dyspraxia, agnosia, impaired intellect
- c) **Cerebrovascular disease** classification, etiopathogenesis; manifestation: a. cerebri anterior, media, posterior syn. Intracranial pressure and herniation syndromes; Subdural and subarachnoid bleeding
- d) **Epilepsy and other conditions associated with seizures** (generalized, focal)
- e) **Sensory disorders - Visual disturbances** – refractory disorders, defects of visual field; glaucoma, cataract; **Auditory disorders** –perceptive and conductive disorders,; tinnitus

Endocrinology

- a) **General endocrinology**-etiology of hormonal excess and deficit, regulation feedback; resistance to hormones
- b) **Hypothalamic-pituitary syndromes** – selective, combined defects; Hypopituitarisms, hyperpituitarism - causes, symptoms

Films:

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>

Epilepsy

- <https://www.youtube.com/watch?v=uwB8AZ2vK1g>
- <https://www.youtube.com/watch?v=zHAjmPueDmo>

Cerebrovascular diseases

- <https://www.youtube.com/watch?v=lpqFWK3gkhk>
- <https://www.youtube.com/watch?v=PIGWTStyyhQ>

Sensory disorders

- https://www.youtube.com/watch?v=guspTGxUO_c
- <https://www.youtube.com/watch?v=NpZl1eKiadg>
- <https://www.youtube.com/watch?v=mXmIFPjyvZA>

many other are available also.

3) **Protocol: Audiogenic epilepsy in rats.** Movie (link) + commentary to the movie (aka meaning translate) + principle of experiment (practical lessons) are all found in our web page

- a) Please read first the principle of the experiment with explanation

b) Play a movie (comments are in Slovak), (we used to comment the content in class; now you have this in a print)

c) Prepare the protocols. Collect them and send to teacher.

4) Presentations: Semester work - according to the group schedule

A) **Presenting student is going to send presentation (ppt for better is smaller .pdf variant to teacher and other colleagues.** If somebody is technically skilled, you can send a link to some video presentation or other web presentations of Your work.

B) **Students participating on the virtual class** will evaluate a presentation and can write comments and questions for presenting student. Collect the comments from students, send that to presenting colleague .Comments and evaluation sent to teacher.

5) Presence of students in this week teaching. Send the list of students to teacher