

Syllabus  
Pathological Physiology 2  
Summer Semester 2021/2022

Week 9

**General Medicine**

**A. Online lecture via Microsoft Teams**

Dean's day off

**B. Presence seminars**

1. Review of nervous system, kidneys and urinary system
2. Introduction to pathophysiology of endocrine system
3. **4th credit test** (nervous system and kidneys) starts in the 8th week from 7.4.2022 (Thursday) and continues in the 9th week until 13.4.2022 (Wednesday) according to the schedule of individual groups.
  - **Multiple choice (Yes/No) test**
  - **Open questions test**
  - All information available at <http://patfyz.medic.upjs.sk/einfo.htm>
  - Topics of credit test available at <http://patfyz.medic.upjs.sk/CREDIT%20test%20IV%20GM.pdf>
  - Study materials available at <http://patfyz.medic.upjs.sk/estudmat.htm>
4. **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.
5. Examination of knowledge (quiz, oral examination)
6. Semester work presentations according to the schedule within each group
7. Presentations of selected topics according to the systems based on a group schedules

**Dental Medicine**

**A. Online lecture via Microsoft Teams**

Public holiday

**B. Presence seminars**

1. Review of nervous system, kidneys and urinary system
2. Introduction to pathophysiology of endocrine system
3. **4th credit test** (nervous system and kidneys) starts in the 8th week from 7.4.2022 (Thursday) and continues in the 9th week until 13.4.2022 (Wednesday) according to the schedule of individual groups.
  - **Multiple choice (Yes/No) test**
  - **Open questions test**
  - All information available at <http://patfyz.medic.upjs.sk/einfo.htm>
  - Topics of credit test available at <http://patfyz.medic.upjs.sk/CREDIT%20test%20IV%20DM.pdf>
  - Study materials available at <http://patfyz.medic.upjs.sk/estudmat.htm>
4. Examination of knowledge (quiz, oral examination)
5. Semester work presentations according to the schedule within each group
6. Presentations of selected topics according to the systems based on a group schedules

Note: The range of topics and their time-table 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 audiovisual materials**

- Sheehan syndrome: <https://www.youtube.com/watch?v=fSX9EYwkN7U>
- 5-alpha-reductase deficiency – male genital feminisation: <https://www.youtube.com/watch?v=hkiWoAyGeMM>
- Prolactinoma: <https://www.youtube.com/watch?v=tP1zVnau-kY>
- Cushing syndrome: <https://www.youtube.com/watch?v=ea1sXgd5ui8>
- Hyperaldosteronism: <https://www.youtube.com/watch?v=JBfkGNr01V8>
- SIADH: <https://www.youtube.com/watch?v=0NHT8ERUBo0>
- Addison's disease: <https://www.youtube.com/watch?v=wqJUifWOGEO>
- Diabetes insipidus: <https://www.youtube.com/watch?v=XcXjo4hLnK8>
- Acromegaly: [https://www.youtube.com/watch?v=U5VVSCVJt\\_w](https://www.youtube.com/watch?v=U5VVSCVJt_w)
- Hyperthyreosis: <https://www.youtube.com/watch?v=QvsjUOqax8U>
- Hypothyreosis and m. Hashimoto: <https://www.youtube.com/watch?v=wyanDtvx8K0>
- Hypercalcemia: <https://www.youtube.com/watch?v=630hhyQ-jE0>
- Hypocalcemia: <https://www.youtube.com/watch?v=KWZrSYo7xuk>
- Premature ovarian failure: <https://www.youtube.com/watch?v=rxZBn88iUIM>
- Pubertas praecox: <https://www.youtube.com/watch?v=nKJbZ8jcXrY>