

Syllabus
Pathological Physiology 2
Summer Semester 2021/2022
Week 12

General Medicine

A. Online lecture via Microsoft Teams

1. Gastrointestinal tract I
 - Peptic ulcer of stomach and duodenum
 - Intestinal motility disorders - Constipation, Ileus, Diarrhea, Irritable bowel syndrome
 - Malabsorption and maldigestion
 - Inflammatory bowel disease (Crohn's disease & ulcerative colitis)

B. Presence seminars

1. Gastrointestinal tract
 - Disorders of pharynx and oesophagus, Gastroesophageal reflux disease (GERD)
 - Celiac disease
 - Jaundice
2. **Practical Protocol 3: Experimental gastric ulcer in the rat**
 - Movie (link) available at our web page <http://patfyz.medic.upjs.sk/estudmat.htm>. The video contains subtitles. If subtitles do not appear, you have to select Caption English.
 - 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.
3. Examination of knowledge (quiz, oral examination)
4. Semester work presentations according to the schedule within each group
5. Presentations of selected topics according to the systems based on a group schedules

Dental Medicine

A. Online lecture via Microsoft Teams

1. Gastrointestinal tract I
 - Peptic ulcer of stomach and duodenum
 - Intestinal motility disorders - Constipation, Ileus, Diarrhea, Irritable bowel Syndrome
 - Inflammatory bowel disease (Crohn's disease & ulcerative colitis)

B. Presence seminars

1. Gastrointestinal tract
 - Disorders of oral cavity
 - Disorders of pharynx and oesophagus, Gastroesophageal reflux disease (GERD)
 - Malabsorption and maldigestion
 - Disorders of pancreas
2. Examination of knowledge (quiz, oral examination)
3. Semester work presentations according to the schedule within each group
4. 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

- GERD- <https://www.youtube.com/watch?v=kXJLbFCeroc>

- Peptic ulcer disease - <https://www.youtube.com/watch?v=E0IBMWQDEH4>
- Helicobacter pylori - https://www.youtube.com/watch?v=x3aZDY9Q_Qk
- Celiac disease - <https://www.youtube.com/watch?v=nXzBApAx5lY>
- Bowel obstruction - <https://www.youtube.com/watch?v=sBm12CkNtAo>
- Inflammatory bowel disease - <https://www.youtube.com/watch?v=iefghc2g91M>
- Jaundice - <https://www.youtube.com/watch?v=6akhmBqAe2g>