

## Regulation

### Physiology Block – Gastrointestinal System

in the Form of e-learning using the sOLAT Platform

for DDS Students

of Poznan University of Medical Sciences in the 2019/2020 Academic Year

- 1. The gastrointestinal system - physiology block will be conducted entirely in the form of an e-learning course available on the sOLAT platform provided by Wisus.**
- 2. The gastrointestinal system block comprises two seminar parts and two progress tests.**
3. Part one of the course is devoted to the following issues:
  - Chapter 1: Principles of Gastrointestinal Functions
    - Neurohormonal Control of Motility and Secretion
      - Enteric Nervous System (ENS)
      - Autonomic Nervous System (ANS)
      - Gastrointestinal Reflexes
  - Chapter 2: Segment: Mouth (Oral Cavity); Saliva
    - Characteristics of Saliva
    - Regulation of Salivary Secretion
  - Swallowing (Deglutition)
    - Function of Lower Esophageal Sphincter (LES)
  - Chapter 3: Segment: Stomach
    - Motor Functions; Regulation
    - Gastric Secretion; Regulation
    - Characteristics of Gastric Juice
4. Part two of the course is devoted to the following issues:
  - Chapter 1: Segment: Small Intestine
    - Functions: Digestion, Absorption, Secretion
    - Intestinal Motility
    - Nervous and Hormonal Regulation of Intestinal Functions
  - Exocrine Function of Pancreas:
    - Characteristics of Pancreatic Juice
    - Neurohormonal Regulation of Pancreas
  - Chapter 2: Segment: Large Intestine
    - Functions
    - Motility
    - Defecation Reflex
  - Digestion and Absorption of Nutrients
  - Liver
5. All parts of the course will be successively published for students according to the schedule available on the sOLAT platform.
- 6. Each student is obligated to complete all the parts of the gastrointestinal system physiology block.**
- 7. The student will access the course by logging into the Wisus platform and going to the sOLAT platform.**
- 8. Each student is obligated to personally log into the platform to take all the parts of the course.**

9. After completing each part of the course, the student will take a progress test covering the subjects discussed. The test does not have a passing threshold, but is a method used by students to self-evaluate.
- 10.** For all student groups, the first part of the course will be published in the first week of the planned classes, at 8.00 am. (see the timetable), whereas the second part will be published according to the timetable. **Both parts of the course will be available till Thursday (December 5, 2019, until 8 am.) On Thursday, December 5, 2019, at 8 am, all students lose their access to the course on sOLAT platform.**
- 11. To complete the course, the student has to complete all the parts of e-learning course and has to take all the progress tests. Attendance control relies on the confirmation of logging into the system and taking the tests.**
- 12. If a student has failed to take (log into) one or more course parts or any of the progress tests, they will not have the right to take the modular test conducted on Thursday, at the end of module.**
13. The student will be able to log in many times into each part of the course, with the exception of progress tests.
- 14. To take the progress test, the student will be able to log in only once.**
- Taking the progress test, the student can change the answer to a given question only **once**. Each test comprises 10 questions.
15. Each student has the right to ask questions to the author on the course forum. The author will provide the answers within three business days.
16. Each student can personally contact the course author at the Physiology Department by prior appointment via e-mail.
17. The substantive supervisor of the course is: Dorota Mrczuk-Krynicka MD PhD, [dmk5@interia.pl](mailto:dmk5@interia.pl)  
Head of the Department of Physiology: Edyta Mądry MD PhD, [emadry@ump.edu.pl](mailto:emadry@ump.edu.pl)
18. In all technical matters, please refer to Centrum Innowacyjnych Technik Kształcenia, Parkowa 2, [elarning@ump.edu.pl](mailto:elarning@ump.edu.pl), or use the contact form available on the sOLAT platform.