

Pathological physiology I

Goals of teaching

General medicine

Dept. of Pathological Physiology, Faculty of Medicine in Pilsen, Charles University

- The student knows the facts in the field of general and special pathophysiology taught in the subject pathological physiology I and listed in the syllabus of the subject pathological physiology I, he can present and logically organize them, recognize and evaluate their importance, present examples of described phenomena.
- The student can define and explain terms and concepts listed in the syllabus of the subject, he can list, define and explain related terms.
- For the diseases, pathological states, phenomena and processes listed in the syllabus, the student is able to enumerate and define related terms, describe and explain their causes, origin and risk factors, pathogenesis, manifestations, consequences, potential complications and pathophysiological aspects of basic therapeutic or preventive approaches.
- The student can evaluate importance of etiological, risk and pathogenetic factors of diseases.
- The student is oriented in the problems and can explain pathophysiological mechanisms of diseases, explain how and why the pathological processes proceed, can use the knowledge of general pathophysiological rules to understand and explain pathophysiology of particular organ systems and diseases and pathological states.
- The student knows, understands and can explain relations between various parts of special pathophysiology. The student understands and can apply interrelations of individual organ systems under normal and pathological conditions.
- The student has knowledge of subjects which pathophysiology follows up on, i.e. anatomy, histology, embryology, biology chemistry and biochemistry, biophysics, physiology and microbiology. The student can use this knowledge to understand pathophysiology and can find and explain their relations.
- The student is able to search in the study literature and other sources for relevant information on the areas defined by the syllabus of subjects pathological physiology I, topics of the lectures and practical exercises and relevant exam questions for the subject pathological physiology II.
- The student has practical skills in the range defined in the syllabus of the subject and can perform correctly given tasks.