

TEACHING

GENERAL MEDICINE

CLINICAL BIOCHEMISTRY

5nd year

1/1 CE

Winter sem

Clinical biochemistry in 5th year study of medicine is an extension of the Medical biochemistry from 2nd year. It is a highly applied biochemistry, which is performed by lecturers with experience in clinical biochemistry. The course is organized in form of lectures and seminars and it offers information on biochemical laboratory methods for screening, diagnostics and therapy monitoring of selected diseases. The aim of the subject is to teach students to understand the relationships between metabolism and laboratory test results and to demonstrate on some typical case reports or model patients tests results how to interpret laboratory values. The correct indication of clinical biochemistry tests in relation to the expected diagnosis and their proper interpretation is an important part of a physician's daily work.

Literature:

1. A. Gaw at al.: *Clinical Biochemistry*; Churchill Livingstone, Elsevier, 2011
2. W. J. Marshall, S. K. Bangert: *Clinical Chemistry*; Mosby, Elsevier, 2008
3. M. D. Rosenthal, R. H. Glew: *Medical Biochemistry*; Wiley, 2009

Final exam – written test