

Multidisciplinárny pohľad na pečeň (anatómia, histológia, biochémia a patológia pečene)

Multidisciplinary view of the liver (anatomy, histology, biochemistry and pathology of the liver)

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Nowadays modern technologies are developing at universities. There is a question how to teach the most of students as it is possible and make education of medical subjects more effective. It can be solved by communication systems including internet and e-learning. Interdisciplinary view of human body and its pathology promises resultful diagnostics of diseases. Without elementary knowledges we can not resolve major problems. In our educational material we have chosen one of vital organs – the liver. This work includes information from anatomy, histology, embryology, biochemistry and also pathology. From macroscopic view are important anatomical structures and abnormalities. Histology explores cells and textures, biochemistry is monitoring metabolism and its defects on subcelulary level. Aplication of information helps to understand integration of liver in human body, it diagnoses and cures human diseases. Pictures, diagrams and animation are helpful and fill the text up. This educational material can be used by students to better understanding and recapitulating, also by teachers for more qualitative lectures. Our work is positive rated by students, so we have decided to publicate it at schol portal and fill it out.