

MULTIDISCIPLINARY VIEW OF THE KIDNEY

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D2.5 PEDAGOGY AND METHODOLOGY FOR ELECTRONIC SUPPORT OF EDUCATION

Study of medicine contains the ability to see human body as a unit. It means that students must have multidisciplinary view of each organ and system and must understand their connection through variety of biochemical pathways and physiological mechanisms. This educational work contains basic information about kidney, its anatomical and histological structure, embryological development, biochemical and physiological functions. From macroscopic view is important to know what anatomical structures can be found in healthy kidney. Histology explores characteristic cells and textures, embryology explains prenatal development and biochemistry is monitoring kidney metabolism and its connection to physiological functions. Pictures and diagrams schematically explain educational text. This work helps students to understand the integration of kidney in human body. It can be also useful tool to improve education by teachers of various preclinical departments.