

Information sheet for the course Patophysiology

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of Health Care</i>					
Course unit code: PatFyz/d			Course unit title: Patophysiology		
Type of course unit: <i>compulsory</i>					
Planned types, learning activities and teaching methods: <i>Lecture: 1 hour weekly/13 hours per semester of study; full-time</i>					
Number of credits: 3					
Recommended semester: <i>6th semester in the 3rd year (part-time)</i>					
Degree of study: <i>I (bachelor)</i>					
Course prerequisites: Physiology					
Assessment methods: During semester student can get 50 points <ul style="list-style-type: none"> - Test (20 points) - Oral examination (30 points) For assesment A is necessary get at least 48 points, for B at least 44 points, for C at least 41 points, for D at least 38 points and for E minimum 35 points.					
Learning outcomes of the course unit: After completing the course the student is able to: <ul style="list-style-type: none"> - define the basic concepts in patophysiology - describe certain diseases stated - explain the cause of the malfunctioning of the organism and diseasee - explain the relation between the occurece of the disease and symptoms 					
Course contents: <ol style="list-style-type: none"> 1. Introduction to Pathological Physiology - basic concepts, definitions. 2. Fundamentals of molecular etiopathogenesis. 3. inflammation, malignant transformation of cells. 4. Electrolyte disturbances and acid-base balance. 5. Patofyziologi of pain. 6. Pathophysiology of the respiratory system. 7. Pathophysiology of blood and hematopoietic system. 8. Pathophysiology of the cardiovascular system. 9. Pathophysiology of urinary system. 10. Pathophysiology of the digestive system. 11. Pathophysiology of the endocrine system. 12. Pathophysiology nervous system. 13. Pathophysiology of bones and joints. 					
Recommended of required reading: <ol style="list-style-type: none"> 1. HULÍN, I., a kol. 2005. <i>Patofyziológia a klinická fyziológia pre magisterské a bakalárske štúdium</i>. SAP, s.r.o., 2005. 593 s. ISBN 80-89104-66-5. 2. MASÁR, O., MALINA, A.: 2006. <i>Patologická fyziológia pre nelekárske odbory</i>. Trenčín 2006. 96 s.. 					
Language: Slovak					
Remarks:					
Evaluation history: <i>Number of evaluated students :</i>					

Lectures: prof. MUDr. Adriana Ondrušová, PhD.,					
Last modification: 22.04.2014					
Supervisor: doc. MUDr. Mária Štefkovičová, PhD., MPH.					