

## Information sheet for the course Laboratory Methods in Functional Diagnostics

<b>University:</b> <i>Alexander Dubček University of Trenčín</i>	
<b>Faculty:</b> <i>Faculty of Health Care</i>	
<b>Course unit code:</b> <i>LMFD/e</i>	<b>Course unit title:</b> <i>Laboratory Methods in Functional Diagnostics</i>
<b>Type of course unit:</b> <i>compulsory</i>	
<b>Planned types, learning activities and teaching methods:</b> <i>Seminar: 1 hours weekly/13 hours per semester of study; full-time</i>	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> <i>4<sup>th</sup> semester in the 2<sup>nd</sup> year (part-time)</i>	
<b>Degree of study:</b> <i>I (bachelor)</i>	
<b>Course prerequisites:</b> <i>Clinical Propedeutics for Laboratory Medicine</i>	
<b>Assessment methods:</b> <i>Written test: 50 points maximum</i> <i>Score:</i> <i>50 – 45 points – A</i> <i>44 – 40 points – B</i> <i>39 – 35 points – C</i> <i>34 – 30 points – D</i> <i>29 – 25 points – E</i> <i>Less than 25 points – FX</i>	
<b>Learning outcomes of the course unit:</b> <i>Students will be informed with the principles of functional tests. Moreover with the lab methods. They will know the indication criteria and the differential-diagnostic importance of these examinations. Students will also acquainted the newest diagnostic functional tests.</i>	
<b>Course contents:</b> <i>Seminarst:</i> <ol style="list-style-type: none"><li><i>1. Functional tests in endocrinology</i></li><li><i>2. Functional tests in cardiology</i></li><li><i>3. Functional tests in nephrology</i></li><li><i>4. Functional tests in diabetology</i></li><li><i>5. Functional tests in gastroenterology</i></li><li><i>6. Functional tests in pancreatology</i></li><li><i>7. Functional tests in hepatology</i></li><li><i>8. Functional tests in pneumology</i></li><li><i>9. Functional tests in nutrition</i></li></ol>	
<b>Recommended of required reading:</b> <ol style="list-style-type: none"><li><i>1. DZÚRIK, R. A KOL. Štandardná klinickobiochemická diagnostika. Martin: Osveta, 1990. 443 s. ISBN 80-217-0116-1.</i></li><li><i>2. RACEK, J. ET AL. Klinická biochemie. Praha: Galén, 1999, 316 s. ISBN 80-7262-023-1</i></li><li><i>3. NETTER, F H, BACHRACH, W H. Netter's Gastrointestinal Anatomy and Motility. Novartis 2001, Canada, 72 s.</i></li><li><i>4. VOZÁR, J. - KREZE, I. - KLIMEŠ. Diabetes mellitus. Bratislava: SAP, Slovak Academic Press, 1998, 286 s. ISBN 80 – 88908 – 20- 5.</i></li><li><i>5. MEŠKO, D. - R PULLMANN, R. - NOSÁĽOVÁ , G. Vademékum klinickej biochémie. Martin: Osveta. 1998. 1647 s. ISBN 80 – 8063 – 005 – 4.</i></li><li><i>6. BURIANOVÁ, I., ČIERNA, P., FRÜHAUF, M. - PAULOVÁ, B. - BREJCHOVÁ , B.</i></li></ol>	

<i>Nové pohledy na výživu novorozenců a kojenců. Praha : Solen Print. 2008, 58 s.</i>					
<b>Language:</b> <i>Slovak</i>					
<b>Remarks:</b> <i>none</i>					
<b>Evaluation history:</b> <i>Number of evaluated students: -</i>					
A	B	C	D	E	FX
-	-	-	-	-	-
<b>Lecturer:</b> <i>MUDr. Marián Kaščák, PhD.</i>					
<b>Last modification:</b> <i>22.4.2014</i>					
<b>Supervisor:</b> <i>doc. MUDr. Jana Slobodníková, CSc.</i>					