Information sheet for the course Physiology

University: Alexander Dubček University of Trenčín

Faculty: Faculty of Health Care

Course unit code: Fyz/d Course unit title: Physiology

Type of course unit: *compulsory*

Planned types, learning activities and teaching methods:

Lecture: 2 hour weekly/26 hours per semester of study; full-time

Number of credits: 2

Recommended semester: 3rd semester in the 2nd year (full-time)

Degree of study: I (bachelor)

Course prerequisites: none Assessment methods:

During semester student can get 50 points

- Test (20 points)
- *Oral examination (30 points)*

For assessment 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:

- define the basic concepts of physiology to explain the functions of the human body,
- explain the context and relationships of individual systems,
- compare the differences in the regulation of the nervous system and the endocrine system.

Course contents:

- 1. Introduction to physiology definition.
- 2. Physiological principles
- 3. General neurophysiology
- 4. Physiology of muscles
- 5. Physiology of blood
- 6. Physiology of blood circulation
- 7. Physiology of respiration
- 8. Physiology of digestion and absorption
- 9. Physiology of excretion
- 10. Thermoregulation, acid-base balance
- 11. Physiology of the CNS, sensory and motor nervous system
- 12. Physiology of the immune system, physiology of physical effort
- 13. Physiology of endrocrine glands

Recommended of required reading:

- 1. KITTNAR, O. a kol.2011. Lékařska fyziologie. Grada Publishing, a.s., 2011. 790 s. ISBN 978-80-247-3068-4.
- 2. SCHMIDT. R. F. 1993. Memorix Fyziologie. 1993. Scientia Medica, spol. s r.o., 1993. 310s. ISBN 80-85526-18-2.
- 3. MASÁR, O., MALINA, A. 2006. Fyziológia pre nelekárske odbory. Trenčín 2006. 112 s.

Language: S	lovak
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Remarks:

Evaluation histo	ry: Num	ber of	^r evaluatea	l stua	lents :	· 534	
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A	A	A	A	A	A
8.99%	8.99%	8.99%	8.99%	8.99%	8.99%

Lectures: prof. MUDr. Adriana Ondrušová, PhD.

Last modification: 22.4.2014

Supervisor: doc. MUDr. Jana Slobodníková, CSc.