

PAVOL JOZEF ŠAFÁRIK UNIVERSITY IN KOŠICE

Faculty of Medicine



Department of Medical Physiology
P. J. Šafárik University Faculty of Medicine
Trieda SNP 1
040 11 Košice

Course name: Selected chapters from the clinical and pathophysiology

Course level: III. degree

Study field: General Medicine

Study programme: Normal and Pathological Physiology

Study plan:

Course type: Lecture / Seminar

Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28

Number of ECTS credits: 10

Brief outline of the course:

- Cardiorespiratory relationships and regulatory mechanisms
- The interconnection of the cardiac and respiratory systems and their mutual synchronization
- Minute cardiac output and minute alveolar ventilation
- Blood pressure regulation and new perspectives on arterial hypertension

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Learning outcomes:

Acquisition of advanced knowledge of physiological and pathophysiological mechanisms involved in the regulation of the cardiorespiratory system.

Teacher:

prof. MUDr. Viliam Donič, CSc.,

Approved by: prof. MUDr. Viliam Donič, CSc.