**Pathophysiology - topics of classes - Faculty of Medicine - summer semester 2024/2025**

**Note: The scope of material applicable to classes is available in the student cloud of the Department of Physiology and Pathophysiology**

**Classes:**

Class 1. Pathophysiology of the respiratory system. /4.03-7.03.2025/

Class 2. Pathophysiology of the respiratory system. /11.03-14.03.2025/

Class 3. Hematological diseases 1 /18.03-21.03.2025/

Class 4. Hematological diseases 2. /25.03-28.03.2025/

Class 5. **Partial test 1** covers classes 1-4. ECG basics. Heart arrythmia. /1.04-4.04.2025/

Class 6. Pathophysiology of the circulatory system 1. /8.04-11.04.2025/

Class 7. Pathophysiology of the circulatory system 2. /15.04-25.04.2025/

Class 8. Pathophysiology of the circulatory system 3. /29.04, 30.04 and 9.05.2025/

Class 9.**Review. Partial test 2** covers classes 5-8. /6.05, 7.05 and 16.05.2025/

Class 10. Renal pathophysiology. /13.05, 14.05 and 23.05.2025/

Class 11. Acid-base disorders. Water and electrolyte management disorders. /20.05, 21.05 and 30.05.2025/

Class 12. **Review. Partial test 3** covers classes 10-11. /27.05, 28.05 and 6.06.2025/

Class 13. Practical skills exam /3.06, 4.06 and 13.06.2025/

Class 14. Issues of stem cells and their use in medicine.  /10.06, 11.06 and 17.06.2025/

**Lectures:**

**Wednesday 15:00 – 16:30 - online on TEAMS PLATFORM**

1. Pathophysiology of the respiratory system. /05.03.2025/

2. Pathophysiology of the cardiovascular system /12.03.2025/

3. Pathophysiology of the cardiovascular system /19.03.2025/

4. Pathophysiology of the cardiovascular system /26.03.2025/

5. Pathophysiology of the kidneys /02.04.2025/

6. Acid-base disorders. Water and electrolyte management disorders /09.04.2025/