

# Pathophysiology - practicals

## Autumn/2020 – Dentistry (en)

Department of Pathophysiology FoM MU  
UKB Kamenice 5/A18 – tutorial room 208

**26.10.2020 - 30.10.2020**

### Group No 40 (6th week of the semester)

26.10.2020	7.00-9.30	<b>Essential hypertension (tutorial), atherosclerosis, resting and ambulatory blood pressure (and heart rate) measurements, postural changes, effect of isometric and aerobic exercise</b> Doc. RNDr. Monika Pávková Goldbergová, Ph.D.
	9:50-12.20	<b>Acute radiation syndrome – haematological consequences</b> MUDr. J. Gumulec, Ph.D.
27.10.2020	7.00-9.30	<b>Pathophysiology of ventilation disorders and pulmonary gas exchange – spirometry</b> MUDr. K. Ďuriš, Ph.D.
	9:50-12.20	<b>Cell cycle, oncogenes and suppressor genes, cancer development.</b> Doc. RNDr. M. Masařík, Ph.D.
28.10.2020	7.00-9.30	<b>Bank holiday</b>
	9:50-12.20	<b>Bank holiday</b>
29.10.2020	7.00-9.30	<b>Statistical analysis of experiments (introduction).</b> MUDr. M. Jurajda, Ph.D.
	9:50-12.20	<b>Renal disorders, secondary hypertension (seminar). Detection of renal renin expression</b> Mgr. L. Pácal, Ph.D.
30.10.2020	7.00-9.30	<b>Arrhythmias (tutorial), demonstration of selected types of arrhythmias.</b> MUDr. J. Máchal, Ph.D.
	9:50-12.20	<b>Acid-base balance. Credits.</b> Prof. MUDr. A. Vašků, CSc.

### Literature:

1. KAŇKOVÁ K a kol.: Pathophysiology practicals for General Medicine and Dental Medicine courses. Brno, Masarykova univerzita, 2008 (electronic version on Portal MU)