

## Practical Course of Physiology

**Lecture-Nr.:** 53792

**Type:** practical course

**Duration:** 3 semester periods per week (summer)

**Method of Assessment:** written examination

**ECTS Credit Points:** 3

### Topics:

Blood – composition and function: Westergren ESR, Hb/Hct, complete blood count

Kidney – regulation of kidney: Creatinine clearance, regulation of osmotic pressure and electrolyte balance

Lung/respiration: physiology of respiration, spirometry (determination of VC, FVC, FEV, FEV1)

Heart/circulation: Regulation of blood pressure (orthostasis reaction), blood pressure measurement methods (measurements supine, standing and after activity), Doppler sonography

### Contact Information:

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