

## **Program of practicals**

### **Physiotherapy**

spring semester 2014/2015

The numbers in the brackets correspond to the numbers of exercises in the textbook "**Physiology practicals**"(2010, 2013).

The practicals take place at the Department of Physiology (Campus, 1st floor at right, building A 20)

#### **7.30-10.00h Wednesday**

data Exercises

---

25.2.2015 Spirometric examination (18)  
Digital model of aortic function (11)  
Blood flow in veins (16)

3/18/2015 Measurement of basic metabolic rate.  
Energy output in changes of body position. Repay of oxygen debt (22)  
Calculation of energy expenditure (23). Compiling daily diet (24)  
Evaluation of nutritional state (25)

##### Recruitment and summation in skeletal muscle (26)  
Examination of reflexes in man (27). Recording of Achilles' tendon reflex (28)  
Erect posture examination (29). Vertigo and nystagmus (30)

**5/6/2015** Accommodation (34). Astigmatism (37)  
Estimation of visual acuity (33)

5/13/2015 Substitution, consultation, etc.

#### **The rules to be kept in the practicals**

1. Students are obliged to attend practicals according to **the schedule for particular study group**.
2. **Attendance at all practicals is a condition for obtaining the credit.**
3. The **absences can be compensated only at the 12th -14th week of semester** according to a special schedule.
4. Students are obliged to come for practicals **in time**, e.g. no later than 5 minutes before the start of practical.
5. Students are obliged to come for practicals **with sufficient knowledge** of the particular topic. It means they must know the key words (control questions), aim of the exercise and some theory. In case student is not ready for practical, this may be a reason for expelling him/her from practicals.
6. As a result from practical, laboratory record is written. It must be signed by the teacher at the end of practical. The structure of such a record is outlined in the textbook.
7. Bring with you: textbook, lab coat, notebook A4, pen, pencils, calculator.

doc. MUDr. Zdeněk Wilhelm, CSc.  
garant of bachelor studies