

## **Medical Imaging 2020/21**

### **Educational information for 4th-year medical students**

#### **Education days:**

Medical Imaging education is held in a two-week block.

In the 1st week, education takes place on Monday, Tuesday, Wednesday and Friday. In the 2nd week, education takes place on Monday and on Tuesday morning. Thursday is a day-off in both weeks.

Test Exam is held on Wednesday, while Oral exam is held on Friday in the 2nd week.

#### **Group schedule:**

The clinical rotations are organized in small groups with an expected number of 2-4 students in each group. The detailed schedule will be announced on Monday morning at the beginning of Medical Imaging education.

#### **Educational sites:**

The students must appear at the library of the Medical Imaging Clinic (Korányi Sándor St. 2.) on Monday morning - the first day of education - at 8:45 am.

The groups will participate in the education in a rotating system at the Medical Imaging Clinic (Korányi Sándor St. 2.), the Dept. Transplantation and Surgery (Baross St. 23-25.) and the Skill Simulation Center (Ernő St. 7).

The joint lectures and the written exam will be in the Medical Imaging Clinic. Oral exam will be in the Medical Imaging Centre or the Dept. Transplantation and Surgery.

#### **Curriculum:**

The Medical Imaging lectures and practices cover the following topics:

- Theory and practice of X-ray, US, CT, MRI and Nuclear Medicine
- Comparison of Imaging Modalities
- interpretation of Chest X-ray
- Musculoskeletal Imaging
- Emergency Neuroradiology, chest radiology and abdomen/pelvis radiology
- Interventional radiology
- Breast imaging and diagnostics
- Strategies for requesting radiological examinations
- Artificial intelligence in radiology
- Radiological image analysis