



## SEMMELWEIS EGYETEM

Általános Orvostudományi Kar

Patológiai, Igazságügyi és Biztosítási Orvostani Intézet

Egyetemi tanár, igazgató

Prof. Dr. Kiss András

# Action plan based on the results of student reviews of teaching work in the 1<sup>st</sup> semester of 2021/22

Subject: **Pathology I.**

Department: **Department of Pathology, Forensic and Insurance Medicine, Semmelweis University**

Faculty: **Faculty of Medicine, 3<sup>rd</sup> year**

### Our feedback to general student reviews:

Among the 95 students who picked up our subject in the Neptun, 32 students completed lecture related questionnaires (33.68%). The number of unfilled questionnaires was 12 (12.63%). From the asked 19 questions, performance of the Department was significantly under that of the faculty average only in one case. However, the evaluation of our digital materials exceeded faculty average in 3 from the 6 questions.

37 students (38.95%) evaluated the quality of practices; the number of unfilled questionnaires was 24 (25.26%). Performance of the Department was significantly under that of the faculty in none of the questions.

We have also applied the already popular digital materials during this tuition year. Those elements containing videos of the lectures and histological practices were introduced to the curriculum during the COVID pandemic. According to the experience and feedback of the students, the complexity and repeatability of the practices became complete.

The two departments of Pathology at Semmelweis University have harmonized their curriculum regarding lectures, practices and exams.

Similarly to the last semester, the complexity of our teaching requires personal presence including lectures, histology and autopsy practices. All of our events fitted to the actual pandemic regulations. For security reasons, during our autopsy practices cases or organs of COVID, or any other high-risk infectious disease patients (e.g. HBV, HCV, HIV, etc.) were not demonstrated.

We have drawn the attention of our lecturers to present more didactic and structured lectures and harmonize theoretical materials with the thematic of practices. We have extraordinarily highlighted the minimal requirements for the exam. Our online videos proved to be more comfortable and effective method for the student, since in the absence of previous preparation the material is difficult to process. However, personal attendance and active participation with asking questions would let deeper understanding of the knowledge. Since our videos made during COVID are constantly available through our website, the students are able to learn the materials before the lectures will be held. The main aspect of medical education may not be acquired through the web-based distance learning. Therefore, online materials are integrated to our curriculum with the personal presence of lectures and practices.

### **Our feedback to personal notifications:**

English language students did not share a plethora of information. The suggested exclusively online histology practices may not be realized (see above). The autopsy practices cannot follow a strict thematic, since the available case defines the topic.

Slides of all the lectures and practices are available online in PDF-format. The previously recorded videos are also available. Majority of the lecture materials is presented in the histology practices as well. Information from different sources (textbook, lecture, practice, PDF, video) is harmonized, which support complex knowledge of Pathology. As a minimal requirement, the lecturers must underline the most important parts of their lectures. In agreement with the Department of Pathology and Experimental Cancer research, thematic was defined by the clinical importance of different topics. The main stream of our presentations is focusing on the most significant diseases from the aspect of public health. In addition, rarer entities are also mentioned. Molecular aspects are discussed only in case of clinical relevance from differential diagnostics or predictive value (e.g. target therapy).

Recently, reconstruction works of the Department is in progress, which will not affect the lecture hall in the school year of 2022/2023, and approaching of the lecture room will be insured. Additional works are expected in the end of 2024, when a totally renewed lecture hall will operate.

In the next semester we will share organ demonstration videos, which may provide additional support to acquire knowledge of macroscopic pathology; however, it cannot replace practices with personal attendances. Additionally, we are planning to establish autopsy work in three phases:

Phase 1: practicing of organ demonstration with facultative autopsy for the students.

Phase 2: next to organ demonstration, naming diagnoses.

Phase 3. Based on autopsy findings, providing complete case reports, practicing of epicrisis with the chain of diagnosis (basic disease, complications, direct cause of death, accompanying diseases).

Since pathology is the basis of practical medicine, we believe that our action plan may support medical students in their later professional career.