

## COURSE SYLLABUS

Semmelweis University Faculty of Dentistry, Dentistry

**Name of the course:** General and Dental Radiology II.

**Credit value:** 1

**Lessons (in hours in the whole semester):** 1      **lectures:**      **practicals:** 1      **seminars:**

**Type of the course:** compulsory    obligatory    elective    elective

**Semester in which it is announced according to the curriculum:** 8th semester

**Frequency of announcement (per semester or year):** per year

**The responsible educational and research organizational unit for teaching the subject:**

Department of Oral Diagnostics

**Academic year:** 2024/2025.-

**Subject code:** FOKOODT247\_2A

**Lecturer of the course:** Dr. Dobó Nagy Csaba

**Academic position:** full professor

**Contact:** Department of Oral Diagnostics, +36 1 459 1500 / 59161

**The goals of the course in point of view of the education:**

The student should gain routine in the evaluation of panoramic X-rays. The student shall be familiar with X-ray modalities. The student shall be able to perform independently panoramic X-ray image under the supervision of experienced personnel.

**Location of the course (address of lecture hall, seminar room etc.):**

**place of practices:** Department of Oral Diagnostics seminar room; 1088 Budapest, Szentkirályi utca 47. III. floor

**Competences acquired by completion of the course:**

Competence in evaluating panoramic radiographs independently.

**Pre-study requirements and prerequisites of course registration and completion, in case of a multi-semester subject, the standpoint of the educational-research unit on the concurrent subject registration and on the requirements of permission thereof:**

General and Dental Radiology I., no concurrent subject registration

**Number of students required for announcement of course (min., max.):**

n.a.

**Method of course registration:**

In NEPTUN system.

**Detailed course/lecture description<sup>1</sup>:** (to facilitate credit recognition in other institutions)

practices:

1. Panoramic anatomy of hard and soft tissues I.
2. Panoramic anatomy of hard and soft tissues II.

3. Interpretation of panoramic imaging, errors on panoramic radiographs.
4. Anomalies and developmental disorders
5. Periapical lesions and periodontal diseases 1. Midterm
6. Odontogenic and non-odontogenic cysts
7. Dysplasia, hypercementosis, regressive alterations of teeth 2. Midterm
8. Tumors
9. TMJ pathology
10. Pathologic disorders of paranasal sinuses
11. Fractures in the dentomaxillofacial region 3. Midterm
12. Radiologic signs of certain treatments
13. Incidental findings on panoramic X-ray images
14. Analyzing the X-ray images of the final exam

**Courses (*compulsory and obligatory elective*) which in part or entirely overlap the topics of above course:**

n.a.

**Special academic work required for completion of the course<sup>2</sup>:**

not required

**Attendance on practices and lectures, replacement in case of missed sessions:**

Students must attend on the practices. The signature will be refused, if the student was absent in more than 25% of the duration of the practices.

**Method of checking acquired knowledge during the study period<sup>3</sup>:**

Midterm on the 5th, 7th and 11th week.

**Requirements of an accepted semester (*signature of the lecturer*):**

Successful completion of the midterm („satisfactory” mark at least) and attendance on the practices according to the Study and Examination Policy.

**Type of the exam:**

Comprehensive examination

**Requirements of the exam<sup>3</sup>:**

Entire knowledge of General and dental radiology I and II. Answering an exam topic published on the Department's website and the assessment of one intraoral and one panoramic X-ray image.

**Grading of courses<sup>4</sup>. The possibility and requirements of an offered grade:**

No practical mark. The grade of written test successfully completed during General and Dental Radiology I. can be used as a substitute for answering the exam topics listed on the Department's website during the General and Dental Radiology II comprehensive examination.

**Exam registration:**

In NEPTUN system.

**Rules of repeating exams:**

According to the Study and Examination Policy.

**List of textbooks, lecture notes and recommended textbooks:**

Stuart White Michael Pharoah: Oral Radiology

<http://semmelweis.hu/oralis-diagnosztika/en/education/radiology>

**Signature of course lecturer:**



<b>Signature of head of department:</b>
<b>Date of submission:</b> 22 <sup>th</sup> August 2024.
<b>Opinion of OKB:</b>
<b>Notes from the Dean's Office:</b>
<b>Signature of Dean:</b>

<sup>1</sup> Detailed and numbered for each week of theoretical and practical lessons one by one, indicating the names of lecturers and instructors

<sup>2</sup> Eg. homework, report, midterm exam etc. Topics, dates, method of retake and replacement

<sup>3</sup> List of topics in case of theoretical exam, thematic and method in case of practical exam

<sup>4</sup> Method of inclusion of theoretical and practical exams. Method of inclusion of midterm assessments.