

Clinical Skills IV: Ergonomics, Communication, Oral Surgery, Radiology (D002393)

Course size (nominal values; actual values may depend on programme)

Credits 3.0 Study time 90 h Contact hrs 48.0 h

Course offerings and teaching methods in academic year 2018-2019

A (year)	Dutch	lecture	13.75 h
		practicum	33.75 h

Lecturers in academic year 2018-2019

De Bruyne, Mieke	GE11	lecturer-in-charge
Christiaens, Véronique	GE36	co-lecturer
Vermeir, Peter	GE51	co-lecturer

Offered in the following programmes in 2018-2019

Master of Science in Dentistry	crdts	offering
	3	A

Teaching languages

Dutch

Keywords

Ergonomics, communication, oral surgery, radiodiagnostics

Position of the course

Ergonomics

In the part ergonomics the theory and skills taught in BA2 will be extended.

Communication

The theory and skills taught in the part communication build further on BA1 (V-line partim communication) and BA2 (V-line partim communication).

Oral surgery

During oral surgery, the student will learn how to perform and suture limited flaps around teeth.

Radiodiagnostics

Radiodiagnostics builds further on the practicals and lessons from BA2 and BA3. The knowledge on both 2D and 3D radiographic imaging will be deepened with the emphasis on radio anatomy, image analysis, protocolling and differential diagnosis.

Contents

Ergonomics

The knowledge on dental ergonomics will be further deepened. Whereas the emphasis in BA2 was on guidelines concerning posture during work, the subject will be widened. Among others light and sight, feminization of the profession, origin of disorders, ... will be covered. Practical exercises to clarify the theory will be incorporated.

Communication

This course consist of a theoretical part and practicals.

Theory

- evidence and importance of communication in dentistry
- important communicative skills
- topics: breaking bad news, prevention, fear in dentistry, motivation, shared decision making

Practicals: exercises and roleplay

Oral surgery

Oral surgery comprises the performance of flaps because of different reasons, and the following wound care, among which suturing of the flap.

Radiodiagnostics

Radiodiagnostics comprises radio anatomy and radio pathology on intra- and extraoral dento-maxillofacial X-rays (2D and 3D). Workshops on image analysis of 3D images are provided. The student will also learn to protocol a radiographic image and provide a differential diagnosis.

Initial competences

Having finished the complete programme of Bachelor of Dentistry successfully (Ba1, BA2, BA3).

Passive knowledge of the English language.

Final competences

1 **Ergonomics**

Being able to perform simple and complicated patient treatments in an ergonomic way.

2 Being conscious of body posture.

3 Having knowledge of light and sight, the implications of the feminization of the profession, four-handed dentistry and other ergonomic concerns in the dental office.

4 **Communication**

Having knowledge of the importance and evidence of communication in health sciences.

5 Being able to imply adequate communicative skills in the correct context.

6 Being able to break bad news.

7 Being able to deal with anxious patients.

8 Being able to conduct a motivational interview.

9 Being able to apply shared decision making with a patient.

10 **Oral surgery**

Being able to perform flap surgery, suturing and administering postsurgical wound care.

11 **Radiology**

Being able to name anatomic structures and evaluate the quality of radiographies.

12 Being able to process images with visualization of anatomic or pathologic structure.

13 Being able to perform a radiological differential diagnosis and describe a radiological abnormality.

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Lecture, practicum

Learning materials and price

Syllabus

Scientific publications

References

E. Whites. Essentials of dental radiography and radiology. Churchill Livingstone 4th Ed. 2007. ISBN 13: 978 0 443 10168 7

Herluf Skovsgaard. Dancing Hands. **ISBN: 978-1-85097-263-1**

Course content-related study coaching

On appointment (via e-mail)

Evaluation methods

end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Oral examination, skills test

Examination methods in case of periodic evaluation during the second examination period

Oral examination, skills test

Examination methods in case of permanent evaluation

Participation, skills test

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

Extra information on the examination methods

Permanent evaluation

Ergonomics

Evaluation of practical work, presentation, summary and participation; retake in different form (written examination with open questions). Presence will be evaluated by signature on the official student list.

Oral surgery

Evaluation of practical work and participation. Presence will be evaluated by signature on the official student list.

Radiodiagnostics

Presence will be evaluated by signature on the official student list. The assignments will be evaluated through the images processed by the student during the practicals and the submitted protocols.

Periodic evaluation

Communication

Oral examination + skills test (presence will be evaluated by signature on the official student list).

Calculation of the examination mark

- To pass this course in the first exam period presence is mandatory during all practical exercises and all lessons of ergonomics, oral surgery and radiology. For legitimate absences because of sickness or force majeure a solution will be sought in consultation with the lecturer.
- The final result of this course consists of a weighted average: oral surgery pass/fail, ergonomics 30 %, communication 40 %, radiodiagnostics 30 %.
- To gain a credit for this course a student must reach at least 10/20 for each part (like ergonomics, etc.) and a 'pass' for oral surgery.
- If there is at least 1 part with a score below 10/20 and the weighted average is 10/20 or more, the end result will be 9/20.