

Dento-Maxillofacial Traumatology (D013044)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size (nominal values; actual values may depend on programme)
Credits 3.0 Study time 90 h Contact hrs 22.5 h

Course offerings and teaching methods in academic year 2020-2021

A (semester 2)	Dutch	Gent	lecture	22.5 h
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Lecturers in academic year 2020-2021

Cauwels, Rita	GE36	lecturer-in-charge
De Moor, Roeland	GE36	co-lecturer
Eghbali, Aryan	GE36	co-lecturer
Nout, Erik	GE36	co-lecturer

Offered in the following programmes in 2020-2021

	crdts	offering
Master of Science in Teaching in Health Sciences (main subject Medical Sciences)	3	A
Master of Science in Dentistry	3	A

Teaching languages

Dutch

Keywords

Maxillo-facial trauma, dental traumatology, damage, tooth fracture, root fracture, cracked tooth, judicial cases, deontology, informed consent, nomenclature

Position of the course

The student will gain profound knowledge about the impact of different types of trauma on teeth as well as on the surrounding hard and soft tissues.

With this knowledge it becomes possible to make a correct diagnosis, to ensure the correct immediate treatment, to install recommended treatment, make a correct and clear prognosis, to ensure systematic follow-up. All this is performed within the perspectives of a general view on dental, dento-alveolar and orofacial traumatology. Age related treatment modalities are compared.

Current evidence based modern treatment modalities in the light of regeneration techniques are discussed.

Contents

TRAUMATOLOGY

- Clinical and radiographical diagnose
- Recognize severe maxilla-facial injuries
- Treatment options in deciduous and permanent dentitions
- Apexogenesis versus apexification
- Endodontic treatment of open apices
- Tooth displacement (intrusion - extrusion - avulsion - luxation)
- Resorptions
- Prevention and use of antibiotics
- Splinting after trauma
- Root fractures and mouth guards
- MTA a bio-active materials versus calcium hydroxide
- Multidisciplinary approach in cases with dental trauma and loss of teeth
- Treatment of older trauma cases without previous treatment during childhood
- Root cracks - cracked teeth
- Determination of the pulpal and periodontal prognosis after dento-alveolar

traumatology

Initial competences

Bachelor Degree in Dentistry

Final competences

- 1 Install adequate emergency treatment for any type of dental trauma
- 2 Make an accurate prognosis of severe facial trauma
- 3 Diagnosis of vertical root cracks
- 4 Make the difference between tooth ache and complaints related to cracked teeth or other situations with tooth aches.
- 5 Make the damage files
- 6 Have knowledge and insight for multidisciplinary handling when early tooth loss occurs
- 7 Adequate treatment of trauma cases, follow-up and permanent coronal restoration
- 8 Make a correct diagnosis and recognize a severe facial injury

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

Extra information on the teaching methods

pdf of the powerpoint
exercising in treating complex trauma by discussing in group cases seen in daily practice

Learning materials and price

References

Textbook and Color atlas of traumatic injuries to the teeth '5th edition' Adreasen et al. Wiley Blackwell (2019), ISBN 978-1-119-16705-1

Course content-related study coaching

After making an appointment with the lecturer

Evaluation methods

end-of-term evaluation

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

Written examination with multiple choice questions, written examination

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

Written examination with multiple choice questions, written examination

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation

not applicable

Extra information on the examination methods

Make a correct diagnosis and recognize a severe facial injury

Calculation of the examination mark