Developmental disturbances of the hard dental tissues (D002894)

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 Specifications
Valid as from the academic year 2018-2019

Course size
(nominal values; actual values may depend on programme)
Credits 3.0  Study time 90 h  Contact hrs 22.0 h

Course offerings and teaching methods in academic year 2020-2021
B (year)  Dutch, English  Gent  lecture  22.5 h

Lecturers in academic year 2020-2021
De Coster, Peter  GE36  lecturer-in-charge

Offered in the following programmes in 2020-2021

| Master of Science in Advanced Dentistry (main subject Paediatric Dentistry and Special Care) | 3 | B |
| Master of Science in Advanced Dentistry (main subject Paediatric Dentistry and Special Care) | 3 | B |

Teaching languages
Dutch, English

Keywords
orofacial anomalies – morphological aberrations of the teeth and the jaws – dental agenesis

Position of the course
Congenital and acquired developmental anomalies of the oral cavity and the alveolar bones are analyzed against the background of somatic development and genetics. In this respect, both syndromic and nonsyndromic conditions are considered.

Contents
- Normal and pathological development of the tooth germ in both dentitions
- Mechanisms of pathological development of the teeth: genetic, epigenetic and environmental etiological factors
- Anomalies of tooth number (hypodontia/hyperdontia): pathogenesis and clinics
- Anomalies of tooth crown form and crown dimensions: pathogenesis and clinics
- Structural anomalies of hard dental tissues: pathogenesis and clinics
- Orofacial anomalies
- Molar-Incisor Hypomineralisation (MIH)

Initial competences
Master in dentistry. Successfully having completed first year of master after master in paediatric dentistry and special care.

Final competences
Having knowledge on developmental anomalies of the orofacial region, including dental agenesis/hypodontia, with a special focus on differential diagnostics and delineation of long-term treatment strategies.

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

(Approved)
Learning materials and price
- Continuously updated literature list
- Syllabus

References
- Kindertandheelkunde I (Van Amerongen- Berendsen-Martens-Veerkamp) Bohn Stafleu Van Loghum 2004(1ste druk) ISBN 90 3133 135x 8, hfdst 29
- De Mond, spiegel van gezondheid (Martens-Declerck-Leroy-Vanobbergen) ACCO 2009 ISBN 978 90 334 7398 2, hfdst 22

Course content-related study coaching
On appointment

Evaluation methods
continuous assessment

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

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

Examination methods in case of permanent evaluation
Written examination, report

Possibilities of retake in case of permanent evaluation
examination during the second examination period is possible

Calculation of the examination mark