UCLouvain

wdent1210

2020

Head and neck anatomy and embryology

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

4 credits	30.0 h + 24.0 h	Q1

Teacher(s)	Behets Wydemans Catherine (coordinator) ;Tissir Fadel ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	*The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.*
Main themes	The aim of the teaching programme is to: - provide the dental students with gross and developmental anatomy of the cervicocephalic region necessary for the dental practice; - emphasize the cervicocephalic topographical relationships essential in adequate interpretation of pathology for dental practitioners.
Aims	1 By the end of the teaching programme, the students should be able to: - understand how the basic patterns of the embryo and of the fetal organs are laid down particularly in the cranial region, together with the mechanisms leading to teratogenesis; - describe the cervicocephalic structures, their function and their topographical relationships, excluding neuroanatomy which is taught together with neurophysiology during the lectures of neurosciences; - demonstrate a comprehensive knowledge of the relevant pathologic consequences secondary to damage of anatomical structure. - - - - *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Content	Embryology deals with the study of human development from fertilization to the end of the first three gestational weeks followed by the topics believed to be more directly useful to the dental students. Cervicocephalic anatomy involves the description of bones, joints, vessels, oral cavity, salivary glands, pharynx, nasal cavities, larynx and of the mechanisms implicated in the modifications of craniofacial morphology throughout life. For each topic: introduction by a selected clinical example, specific approach of the topic by analysis of anatomic preparations and medical imaging integrated in PowerPoint documents, thereafter, classic teaching procedure (drawings on the blackboard) and finally, if appropriate, feedback to clinical cases. During the practical, the teamwork allows to memorize easier and to progress in understanding and of subject specific knowledge.
Bibliography	Les supports de cours sont disponibles dans Moodle: syllabus auquel l'étudiant joint les schémas qu'il dessine au cours, PowerPoint du cours, légendes des schémas les plus complexes réalisés au cours, instructions pour les travaux pratiques et les examens, conseils pour l'étude du cours.
Faculty or entity in charge	MDEN

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Dentistry	DENT1BA	4	WMDS1105 AND WMDS1103	🔍