

5.00 credits

30.0 h + 24.0 h

Q1

Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	<i>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.</i>
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.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>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.</p>
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 d'embryologie, PowerPoint du cours, lien vers atlas Gilroy, 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	Learning outcomes
Bachelor in Dentistry	DENT1BA	5	WMDS1103	