

3.00 credits

22.5 h

Q2

Teacher(s)	Chantrenne Aurélie ;Clapuyt Philippe ;Olszewski Raphaël (coordinator) ;
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	- physics in the radiology and others imaging technology - interpretative rules in dental and panoramic Xrays - practical rules for dental, panoramic and cephalometric Xrays - basic elements of CT scans and MRI for the future dentist - radioprotection : rules, theory, Belgian laws
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p>At the end of this theoretical and clinical teaching, the student must be able : - to understand all physico-chemical steps leading to a radiological image - to do himself all intra- and extraoral Xrays according to the belgian legal criterias - to interpret all dental Xrays - to discuss a radiological diagnosis for all kinds of dental, oral and maxillofacial diseases whose theoretical pictures have been taught otherwise - to take all necessary and obligatory radioprotective measures concerning the professional exercise of dentistry</p> <p>1</p>
Content	- radioprotection, dental, panoramic and cephalometrics Xrays - basic elements of medical imaging technology which may be of interest for the future dentist. - practical exercises of doing and analysing dental, panoramic and cephalometrics Xray
Bibliography	Support : Tout le staff permanent du service de stomatologie et de chirurgie maxillo-faciale ; documents PowerPoint pour diapositives.
Other infos	Evaluation: written exam at the end of the year : OSRQ, MCQ for radioprotection. Support: - permanent staff of the department of oral and maxillofacial surgery - slides (ppt.) and notes (Word), iCampus Pré-requis : Basic elements of physics, chemistry and human anatomy
Faculty or entity in charge	MDEN

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Dentistry	DENT1BA	3	WMEDE1100 AND WDENT1110 AND WDENT1121 AND WDENT1210	