UCL Université catholique de Louvain

WRDGN3120

2015-2016

Methods, techniques and quality controle in medical imaging

3.0 credits	25.0 h + 5.0 h

Teacher(s) :	Lhommel Renaud ; Michoux Nicolas ; Jamar François ; Coche Emmanuel (coordinator) ; Vande Berg Bruno ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	In this annual course, the technology and the use of the diverse imaging methods are discussed. Films, videos and numerical slides presentations are used, and medical equipments are presented.
Aims :	To offer to students in radiology the specialized knowledge about the methods of medical imaging. The technology and the cost-effectiveness of each radiological method will be underscored. *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 :	- Technology and practical use of conventional Xrays (including numeric radiology), sonography, computed tomography, magnetic resonance imaging and nuclear medicine (including positron emission tomography). - Characteristics of contrast agents - Accidents related to radiological procedures - Quality control in medical imaging - Information technology - Relations with patients and staff
Other infos :	Examination consisting in multiple choice questions
Faculty or entity in charge:	MED

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Physics	PHYS2M	3	-	
	RPHY9CE	3	-	
Master [180] in Medecine	MD2M	3	-	
	RXU2CE	3	-	