


2.00 credits

15.0 h

Q2

Language :	French
Place of the course	Bruxelles Woluwe
Main themes	<p>Unsealed sources: specific operational radioprotection; problems in a TEP unit, international recommendations and specific legislation; quality control; dose to patient evaluation (advanced discussions) ; dose optimisation ; conditions for hospitalisation and waste disposal (type of instructions, new radioprotection techniques, special paediatric questions). Radiotherapy: specific operational radioprotection; legislation and international norms ; quality control and quality assurance program ; evaluation and optimisation of dose to patient (advanced discussion) ; new techniques in radioprotection ; specific paediatric question ; sealed sources in brachytherapy ; procedures for loading and unloading sources ; quality control and source storage conditions ; type of instructions to the patients. Imaging: specific operational radioprotection; legislation and international norms ; quality control and quality assurance program ; evaluation and optimisation of dose to patient (advanced discussion) ; new techniques in radioprotection ; specific paediatric question Detailed regulation for control/ European directives. PS : part of RPR2120 (Evaluation of the risk of radioactive rejections in the environment in normal and accidental situation and emergency plans for the nuclear risks) must be followed as prerequisite : iodine administration in the event of nuclear accident.</p>
Learning outcomes	
Faculty or entity in charge	CRPR

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Certificat de compétence pour l'utilisation des rayons X en diagnostic médical	RXU2CE	2		
Advanced Master in Nuclear Medicine	MNUC2MC	2		