

2.0 credits	15.0 h	1q
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Teacher(s) :	Jamar François (coordinator) ; Vander Borght Thierry ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	Application of in vivo nuclear medicine in pathology: discussion of clinical problems with the help of radioisotopic exploration. Description of the principle of radioisotopic exploration and application to clinical questions. Description of the equipment and tracers used.
Aims :	To illustrate the role of radioisotopic functional imaging in the diagnostic strategy. To apply the radioisotopic functional information to the understanding of pathophysiological mechanisms. To describe the importance of functional imaging in view of the available technology. <i>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".</i>
Content :	1st part: GENERAL APPROACH (3 h) - Physics. - Radiochemistry and radiopharmacy. 2nd part: SPECIFIC SECTIONS (12 h) - Cardiac investigations. - Lung investigations. - Endocrine investigations. - Neurological investigations. - Gastroenterological investigations. - Oncology/Haematology investigations. - Uro-nephrological investigations. - Bone investigations.
Other infos :	Prerequisite: none. Evaluation: written (open questions + MCQ) Supporting materials: none (sources available)
Cycle and year of study :	> Master [240] in Medecine > Advanced Master in Hospital Pharmacy > Certificat universitaire en physique d'hôpital > Certificat universitaire en radiopharmacie > Master [120] in Biomedical Engineering > Master [120] in Biomedicine > Master [120] in Physics
Faculty or entity in charge:	MED