

DEFINITION OF A RADIOGRAPHER

and recommendations for the use of the professional name in Europe

Radiographers are medical imaging and radiotherapy experts who

- are professionally accountable to the patients' physical and psychosocial well being, prior to, during and following examinations or therapy;
- take an active role in justification and optimisation of medical imaging and radio therapeutic procedures
- are key-persons in radiation safety of patients and third persons in accordance with the "As Low As Reasonably Achievable (ALARA)" principle and relevant legislation

DIAGNOSTIC radiographers (Medical Imaging)

are responsible to perform safe and accurate imaging examinations and post processing, using a wide range of sophisticated X-ray equipment and techniques. In many European countries these techniques may also include the use of:

- high frequency sound = Ultrasound
- strong magnetic fields = Magnetic Resonance Imaging (MRI)
- radioactive tracers = Nuclear Medicine

THERAPEUTIC radiographers (Radiotherapy)

are responsible for the preparation and performance of safe and accurate high-energy radiation treatments, using a wide range of sophisticated equipment and techniques, such as:

- simulation with X-rays or magnetic fields, to target the area to be treated.
- computer planning to produce a plan of the dose distribution across the area to be treated, based on the simulation
- the production of individual immobilization or beam attenuation devices
- irradiation of the tumour with external beams, or with radio-active sources

EFRS Recommendation for the use of the professional name

Because of the wide variety of national titles in Europe that are used to indicate the same professional group the EFRS General Assembly has decided to refer to the profession in the EFRS documents with the single name of RADIOGRAPHER.

The EFRS recommends European official bodies and authorities to use this single title in all their documents and correspondence at the European level, while referring to the list with national titles on page 2

List of national titles for radiographers in EFRS member countries:

(updated from EFRS member survey 2012)

	Medical Imaging	Radiotherapy	Nuclear Medicine
Austria	Radiologietechnologin / Radiologietechnologe		
Belgium	Technoloog in de Medische Beeldvorming Technologue en imagerie médicale	RT is not included in the profession	Technoloog in de Medische Beeldvorming Technologue en imagerie médicale
Bosnia & Herzegovina	Diplomirani inzinjer medicinske radiologije		
Croatia	Medical Radiology Engineer		
Cyprus	Technologos Aktinologos	Technologos Aktinothérapeutis	Technologos Aktinologos
Czech Rep.	Radiologicky asistent		
Denmark	Radiograf		
Estonia	radioloogiatehnik or radioloogiaoõde		
Finland	Röntgenhoitaja		
France	Manipulateur d'electroradiologie medicale		
Germany	Medizinisch-technische Radiologieassistent(in)		
Greece	Technologos Aktinologos	Technologos Aktinothérasias	Technologos Pirinikis Iatrikis
Hungary	Radiográfus, Diagnosztikai képkötő, Röntgenasszisztens, Képi diagnosztikai és intervenció szakasszisztens	Radiográfus	
Iceland	Geislafræðingur		
Italy	Tecnico sanitario di radiologia medica		
Ireland	Radiographer	Radiation therapist	Radiographer
Latvia	Radiologa asistents		
Lithuania	Radiologijos technologas		
Macedonia (Fyrom)	Radioloski tehnolog		
Malta	Radiographer		
Netherlands	Medisch Beeldvormings- en Bestralingsdeskundige (MBB)		
	Radiodiagnostisch laborant	Radiotherapeutisch laborant	Medisch Nuclear werker
Norway	Radiograf	Stråleterapeut	Radiograf
Poland	Elektroradiolog, technik elektroradiologii		
Portugal	Técnico de radiologia	Técnico de radioterapia	Técnico de medicina nuclear
Serbia	Strukovni medicinski radiolog/ radioloski tehničar	Visi radioloski tehničar	Tehničara nuklearne medicine
Slovakia	Rádiologický technik		
Slovenia	Diplomirani radioloski inženir		
Spain	Tecnico especialista de radiodiagnostico	Tecnico especialista de radiotherapia	
Sweden	Legitimerad Röntgensjuksköterska	Legitimerad sjuksköterska med specialistsjuksköterskeexamen med inriktning mot onkologisk vård	Legitimerad Biomedicinska analytiker med inriktning mot klinisk fysiologi
Switzerland	Fachfrau/mann für medizinisch-technische Radiologie HF Techniciens en radiologie médicale Tecnici di radiologia medica		
United Kingdom	Diagnostic radiographer	Therapeutic radiographer	