

## **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:

<b>Austria</b>	Radiologietechnologin/Radiologietechnologe
<b>Belgium</b>	Technoloog in de Medische Beeldvorming Technologue en imagerie medicale
<b>Bosnia &amp; Herzegovina</b>	Diplomirani inzinjer medicinske radiologije
<b>Croatia</b>	Medical Radiology Engineer
<b>Cyprus</b>	Technologos Aktinologos Technologos Aktinotherapeutis
<b>Czech Republic</b>	Radiologicky asistent
<b>Denmark</b>	Radiograf
<b>Estonia</b>	Radiologiatehnik
<b>Finland</b>	Röntgenhoitaja Röntgenskötare
<b>France</b>	Manipulateur d'electroradiologie medicale
<b>Germany</b>	Medizinisch-technische Radiologieassistent(in)
<b>Greece</b>	Technologos Aktinologos Operator of Medical Imaging Devices (post secondary education)
<b>Hungary</b>	Röntgen asszisztens Képi diagnosztikai és intervenciósszisztens Radiográfus Diagnosztikai képkalkotó
<b>Iceland</b>	Geislafræðingur
<b>Italy</b>	Tecnico sanitario di radiologia medica
<b>Ireland</b>	Radiographer Radiation therapist
<b>Latvia</b>	Radiologa asistenti
<b>Lithuania</b>	Radiologijos technologas
<b>Macedonia (Fyrom)</b>	Radioloski tehnolog
<b>Malta</b>	Radiographer
<b>Netherlands</b>	Radiodiagnostisch laborant Radiotherapeutisch laborant Medisch Beeldvormings- en Bestralingsdeskundige (MBB)
<b>Norway</b>	Radiograf
<b>Poland</b>	Elektroradiologów
<b>Portugal</b>	Tecnico de radiologia Tecnico de radiotherapia Tecnico de medicina nuclear
<b>Serbia</b>	Radioloških tehničara Tehničara nuklearne medicine
<b>Slovakia</b>	Radiologicky asistent Radiologicky technik (BSc)
<b>Slovenia</b>	Diplomirani radioloski inženir
<b>Switzerland</b>	Fachperson für medizinisch technische Radiologie Techniciens en radiologie médicale Tecnici di radiologia medica
<b>Spain</b>	Tecnico especialista de radiodiagnostico Tecnico especialista de radiotherapia
<b>Sweden</b>	Röntgensjukskoterska
<b>United Kingdom</b>	Radiographer Diagnostic radiographer Therapeutic radiographer