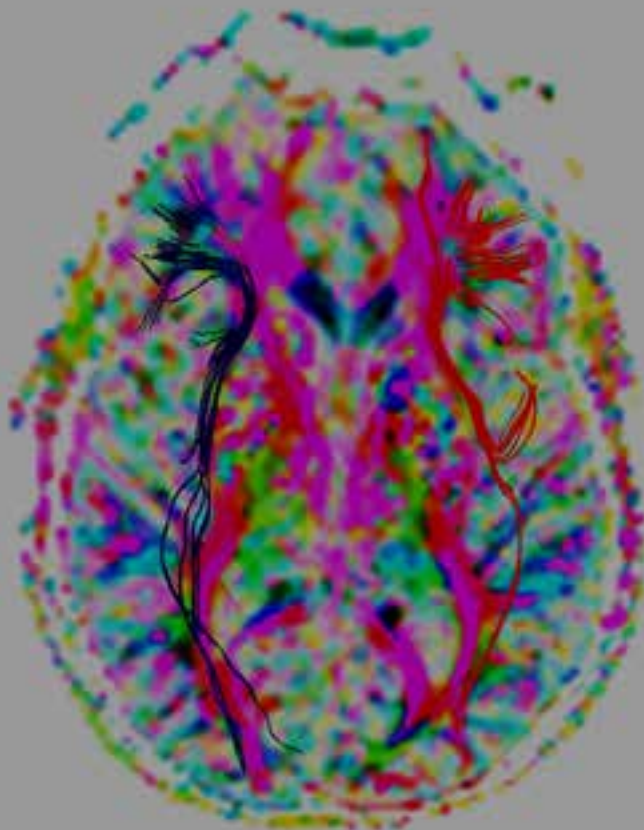


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CALL FOR A  
**EUROPEAN ACTION PLAN**  
**FOR MEDICAL IMAGING**  
TO IMPROVE QUALITY OF  
CARE AND PATIENT SAFETY

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## **QUALITY & SAFETY**

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**Improving and harmonising quality and safety in medical imaging across Europe directly contributes to the EU's health objectives of delivering improved healthcare quality and patient safety.**

*The ESR calls on the EU institutions to:*

- support the establishment of European quality and safety indicators for imaging
- support an audit of imaging equipment, doses, image quality and procedures of the medical imaging chain in Europe and to develop plans to modernise equipment
- support efforts to improve communication with patients
- improve inter-institutional cooperation for more coherent action in the area of health
- support the EuroSafe Imaging campaign ([www.eurosafeimaging.org](http://www.eurosafeimaging.org)) to raise awareness of the importance of radiation protection

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## **EDUCATION & TRAINING**

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**The ESR supports promoting intra-EU mobility of professionals in the context of the Europe 2020 strategy. For the radiology profession, it is essential that quality of care and patient safety are adequately secured in cross-border employment situations.**

*The ESR calls on the EU institutions to:*

- support the harmonisation of radiology training by endorsing the European Training Curriculum and the ESR European Diploma in Radiology
- support mandatory continuous medical education and continuous professional development for medical professionals throughout the EU

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The European Society of Radiology (ESR) calls on the EU's institutions to support its **'European Action Plan for Medical Imaging to improve quality of care and patient safety'** for greater harmonisation of quality and safety, education and training, as well as research and technology in medical imaging, which will significantly improve healthcare for Europe's patients.

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## RESEARCH

**Medical imaging plays a crucial role in the era of personalised medicine, often undervalued by policy makers. Personalised medicine has led to a great heterogeneity of data and consequently a need for the integration of imaging and 'omics' data and the development of structured data repositories to facilitate personalised medicine and clinical trials.**

**The ESR calls on the EU institutions to:**

- recognise medical imaging as an integral part of personalised medicine
- support the standardisation and validation of imaging biomarkers
- support the development of European biobanks in medical imaging to improve interoperability and standardisation
- develop methods of integrating these data with 'omics' databases

## eHEALTH

**Advances in information technology have revolutionised healthcare in general and radiology in particular and the current technological possibilities are paving the way for cross-border telemedicine services including teleradiology. Consequently, a need is arising for European standards.**

*The ESR calls upon the EU institutions to:*

- endorse the development of Clinical Decision Support systems to improve clinical workflow, appropriateness and training for referrers
- support the harmonisation of coding and terminology
- foster semantic interoperability
- support the further development of picture archiving and communication systems (PACS) in order to ensure harmonised standards in data transmission and reporting
- revise the legal framework for teleradiology

The ESR Call for a European Action Plan for Medical Imaging is endorsed by:

## ESR INSTITUTIONAL MEMBER SOCIETIES

### National Radiology Societies

ALBANIA	Albanian Imaging Association
AUSTRIA	Austrian Roentgen Society
BELARUS	Belarussian Society of Radiologists
BELGIUM	Belgian Society of Radiology
BOSNIA AND HERZEGOVINA	Association of Radiology of Bosnia & Herzegovina
BULGARIA	Bulgarian Association of Radiology
CROATIA	Croatian Society of Radiology
CYPRUS	Cyprus Radiological Society
CZECH REPUBLIC	Czech Radiological Society
DENMARK	Danish Society of Radiology
ESTONIA	Estonian Society of Radiology
FINLAND	Radiological Society of Finland
GEORGIA	Georgian Association of Radiologists
GERMANY	German Radiological Society
GREECE	Hellenic Radiological Society
HUNGARY	Hungarian Society of Radiologists
ICELAND	Radiological Society of Iceland
IRELAND	Faculty of Radiologists, Royal College of Surgeons in Ireland
ISRAEL	Israel Radiological Association
ITALY	Società Italiana di Radiologia Medica
KAZAKHSTAN	Radiological Society of Kazakhstan
LATVIA	Latvian Association of Radiologists
LITHUANIA	Lithuanian Radiologists' Association
LUXEMBOURG	Société Luxembourgeoise de Radiologie
MACEDONIA, REPUBLIC OF	Macedonian Society of Radiology
MALTA	Maltese Association of Radiologists
MONTENEGRO	Radiological Association of Montenegro
THE NETHERLANDS	Radiological Society of the Netherlands
NORWAY	Norwegian Society of Radiology
POLAND	Polish Medical Society of Radiology
PORTUGAL	Portuguese Society of Radiology and Nuclear Medicine
ROMANIA	Romanian Society of Radiology and Medical Imaging
RUSSIA	Russian Association of Radiology

The ESR Call for a European Action Plan for Medical Imaging is endorsed by:

### **National Radiology Societies (continued)**

<b>SERBIA</b>	Serbian Association of Radiology
<b>SLOVAKIA</b>	Slovak Radiological Society
<b>SLOVENIA</b>	Slovenian Association of Radiology
<b>SPAIN</b>	Sociedad Española de Radiología Médica
<b>SWEDEN</b>	Swedish Society of Medical Radiology
<b>SWITZERLAND</b>	Swiss Society of Radiology
<b>TURKEY</b>	Turkish Society of Radiology
<b>UKRAINE</b>	Association of Radiologists of the Ukraine

### **Subspecialty Societies of Radiology**

<b>CIRSE</b>	Cardiovascular and Interventional Radiological Society of Europe
<b>ESCR</b>	European Society of Cardiac Radiology
<b>ESER</b>	European Society of Emergency Radiology
<b>ESGAR</b>	European Society of Gastrointestinal and Abdominal Radiology
<b>ESHNR</b>	European Society of Head and Neck Radiology
<b>ESMOFIR</b>	European Society of Molecular and Functional Imaging in Radiology
<b>ESMRMB</b>	European Society for Magnetic Resonance in Medicine and Biology
<b>ESNR</b>	European Society of Neuroradiology
<b>ESOI</b>	European Society of Oncologic Imaging
<b>ESPR</b>	European Society of Paediatric Radiology
<b>ESSR</b>	European Society of Musculo-Skeletal Radiology
<b>ESTI</b>	European Society of Thoracic Imaging
<b>ESUR</b>	European Society of Urogenital Radiology
<b>EUSOBI</b>	European Society of Breast Imaging
<b>EuSoMII</b>	European Society of Medical Imaging Informatics

### **OTHER EUROPEAN ORGANISATIONS**

<b>EFNA</b>	European Federation of Neurological Associations
<b>EFOMP</b>	European Federation of Organisations for Medical Physics
<b>EFRS</b>	European Federation of Radiographer Societies
<b>EPF</b>	European Patients' Forum
<b>SAFE</b>	Stroke Alliance for Europe

# ESR

## EUROPEAN SOCIETY OF RADIOLOGY



### The European Society of Radiology (ESR)

is an apolitical, non-profit organisation, dedicated to promoting and coordinating the scientific, philanthropic, intellectual and professional activities of radiology in all European countries. The Society's mission at all times is to serve the healthcare needs of the general public through the support of science, teaching and research and the quality of service in the field of radiology.

The ESR is the European body representing the radiology profession with **more than 62,000 individual members** and acts as the **umbrella organisation** of all national radiological societies in Europe as well as Europe's subspecialty organisations in the field of radiology.

The ESR Call for a European Action Plan for Medical Imaging is in line with the Opinion on the Future EU Agenda on Quality of Health Care with special emphasis on Patient Safety adopted on 14 October 2014 by the independent Expert Panel advising the European Commission on effective ways of investing in health.