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ESR – European Society of Radiology

EuroSafe Imaging Call for Action and Achievements

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**EuroSafe
Imaging**

Together for
patient safety

The EuroSafe Imaging Call for Action issued by the ESR and the EuroSafe Imaging Steering Committee is designed to put into practice EuroSafe Imaging's mission of supporting and strengthening medical radiation protection across Europe following a holistic, inclusive approach. The Call for Action is in line with other international radiation protection initiatives, especially the IAEA and WHO's Bonn Call for Action of 2012.



Action 1

Develop a Clinical Decision Support system for imaging referral guidelines in Europe

- ✓ ESR experts are in the process of developing European imaging referral guidelines
- ✓ A prototype of 'ESR iGuide' is presented at ECR 2015 by ESR and NDSC



Action 2

Develop and promote a clinical audit tool for imaging to increase the quality of patient care and improve justification

- ✓ Level 1 clinical audit templates were published in 2015 by the ESR Audit and Standards Subcommittee
- ✓ Launch of the ESR's Clinical Audit Tool at ECR 2015



Action 3

Implement measures to maintain radiation doses within diagnostic reference levels (DRLs)

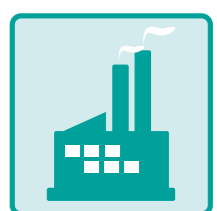
- ✓ The ESR leads PiDRL, a European Commission tender project to develop diagnostic reference levels for paediatric examinations



Action 4

Promote the use of up-to-date equipment and provide guidance on how to further reduce doses while maintaining image quality

- ✓ The ESR Economics Working Group published a statement on the renewal of imaging equipment in October 2014



Action 5

Establish a dialogue with industry regarding improvement of radiological equipment, the use of up-to-date equipment and the harmonisation of exposure indicators

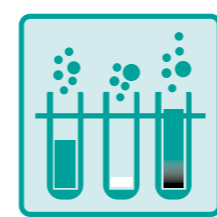
- ✓ ESR in dialogue with COCIR regarding equipment age profile and avenues of collaboration



Action 6

Organise radiation protection training courses and develop e-learning material to promote a safety culture and raise awareness of radiation protection

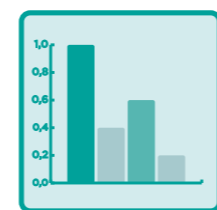
- ✓ EuroSafe Imaging Radiation Protection Session held at MIR 2014 Annual Meeting in Bologna
- ✓ E-Learning: ESR Education on Demand includes 12 modules on radiation protection



Action 7

Collaborate with research platforms and other medical professions to develop a strategic research agenda for medical radiation protection

- ✓ Collaboration between low-dose research platform MELODI, EURADOS, EANM, EFRS, ESTRO, EFOMP and the ESR launched in October 2014



Action 8

Develop data collection project "Is your imaging EuroSafe?" and educational project on guidelines "Are you imaging appropriately?"

- ✓ Monthly CT survey 'Is your imaging EuroSafe?' was launched in November 2014, 2 of 10 topics completed
- ✓ ESR is developing plans for an awareness campaign on Clinical Decision Support



Action 9

Develop criteria for imaging procedures that use ionising radiation in specific exams and anatomical regions

- ✓ ESR experts are developing European imaging referral guidelines as part of the ESR's CDS project 'ESR iGuide'



Action 10

Improve communication with health professionals through EuroSafe Imaging Steering Committee, website, newsletters, conferences, training material and social media

- ✓ EuroSafe Imaging participated in Radiation Protection Pavilion of CIRSE 2014
- ✓ EuroSafe Imaging is featured in the ESR's newsletters *ESR News* and *ESR@Work*



Action 11

Improve information for and communication with patients regarding radiological procedures and related risks in order to ensure empowerment of patients

- ✓ ESR Patient Advisory Group established in 2013
- ✓ Collaboration with patient groups on European topics of common interest
- ✓ Development of 'driver diagram on patient-centred care'



Action 12

Engage with other stakeholders and collaboration with related initiatives and regulatory authorities in Europe and beyond to contribute to a global safety culture in medical imaging

- ✓ IAEA and WHO experts have expressed support for the EuroSafe Imaging Call for Action
- ✓ The ESR participated in HERCA multi-stakeholder meeting on the justification of medical imaging procedures in the context of the Euratom BSS Directive
- ✓ Agreement to cooperate and use synergies with Image Wisely and Image Gently

More Info:



HOW TO GET INVOLVED

To support EuroSafe Imaging and the Call for Action, join us and become a **Friend of EuroSafe Imaging!** Individuals and Organisations are encouraged to sign up at www.eurosafeimaging.org.