



15th Biennial Symposium
of the International
Society for Strategic
Studies in Radiology

IS3R 2023

Berlin/Germany
August 24–26, 2023



Society Updates on VBR Activities – ESR

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IS3R High Priority Tactics

- Appropriate use criteria
- Quality and safety
- Measuring patient outcomes
- Communications
- Collaboration

EU-JUST-CT

QUADRANT and EU-REST

Thematic issue on methodologies

ESOR patient comms course

ConnAction and MoUs

Appropriate use criteria

EC Tender Project EU-JUST-CT

- Focus: Audit of CT justification in EU member states
- Close collaboration between national radiology societies, competent authorities, hospitals, health authorities
- 7 countries participated in pilot audits
- Audit methodology based on ESR iGuide as standard
- Methodology published – should be easily reproducible in other EU member states
- Upcoming guidance document on improving justification of CT examinations
- Workshop in Luxembourg, Sept 28-29, 2023

See separate presentation by study lead B. Brkljačić

EU JUST CT 

Quality and Safety

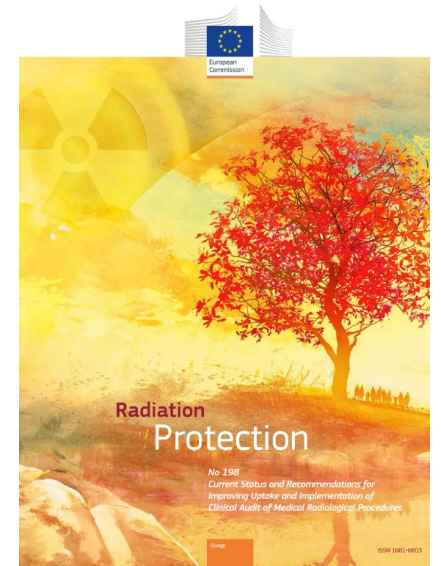
European Commission Tender Project QuADRANT

- The QuADRANT Project on Constant improvement in quality and safety of radiology, radiotherapy and nuclear medicine through clinical audit concluded in July 2022.
- Consortium members: ESR (lead), EANM, ESTRO
- The project
 - reviewed the status of implementation of clinical audits in the Member States
 - identified good practices and available guidance/resources for clinical audits
 - provided further guidance and recommendations on improving the implementation of clinical audits into national healthcare systems
 - identified potential for further coordinated EU action on quality and safety of radiology, radiotherapy and nuclear medicine.

Quality and Safety

European Commission Tender Project QuADRANT

- **European Commission published** the QuADRANT findings and recommendations as part of their Radiation Protection Series (RP No.198)
- **"Current status and recommendations for improving uptake and implementation of clinical audit of medical radiological procedures"** in January 2023 (open access publication)



Quality and Safety

European Commission Tender Project QuADRANT

- Recording of [ECR 2023 session](#) is available open access on ESR Connect:
ESR QuADRANT - Quality improvement through audit in diagnostic radiology, radiotherapy and nuclear medicine.

ESR QuADRANT Session

Quality improvement through audit in diagnostic radiology, radiotherapy and nuclear medicine. An ESR-led project on behalf of the European Commission: project outcomes and implications



Quality and Safety

EU-REST Study

- EC-funded European Union Radiation, Education, Staffing & Training Study, September 2022 – 2024
- Scope:
 - analysis on workforce availability, education and training needs to ensure quality and safety aspects of medical applications involving ionising radiation in the EU
 - develop staffing and education/training guidelines for key professional groups involved in ensuring radiation safety and quality of medical radiation applications in the EU
- Consortium members: ESR (lead), ESTRO, EFRS, EFOMP
- Project leadership: B. Brkljačić (lead), A. Brady (co-lead)
- Based on literature review & survey findings, European consensus guidelines are currently being developed – stakeholder consultation will take place



Measuring patient outcomes

Thematic Issue on methodology

- Issue focusing on research methodologies that have resulted in successful translation to widespread clinical practice with demonstrated value including outcomes research
 - Breast imaging
 - Prostate imaging
 - Stroke intra-arterial treatment
 - ORADS-MRI
 - Methodologies for measuring value of AI tools in radiology
 - Health Technology Assessment

Communications training

ESOR communications courses

- Initial addition to regular ESOR Foundation courses
 - Breast, Gynae, Interventional Radiology
- Two-part online course Feb and March 2024
 - Patient and referrer communication; MDT meetings
 - Written communications, patient portals, patient perspective
 - Challenging situations, handling complaints
- F2F training considered



EDUCATION IN
PARTNERSHIP
www.esor.org

ESOR
EUROPEAN SCHOOL
OF RADIOLOGY



Collaboration ConnAction



- 2022 ECR theme ‘Building Bridges’
- 2023 Annual Leadership Meeting included multidisciplinary sessions with free online access.
 - Highly viewed by multiple disciplines
 - 3588 live views and 1008 on demand
 - Radiologists 48/56%
 - Residents 17/17%
 - Clinicians 26/18%

Collaboration

Inter-disciplinary Agreement

Cementing collaborative research and educational efforts

Memoranda of Understanding and Joint sessions

- European Association of Cancer Research
- European Society of Surgical Oncology

- Joint workshop MICCAI 2023