



## Improving patient safety in medical exposures

- multi-disciplinary group of clinically trained and experienced staff, from each of the radiological modalities: Diagnostic Radiology, Nuclear Medicine and Radiotherapy
- provides up to date advice on safe clinical practice, radiation protection and regulatory matters (specifically the Ionising Radiation (Medical Exposure) Regulations (IR(ME)R)
- leads and takes part in multi-disciplinary working groups to develop and publish advice and guidance on current patient safety issues
- works in partnership with a range of stakeholders to promote patient safety
- provides bespoke, on-site advice and support to clinical departments in the NHS and independent sector
- leads national incident learning system for radiotherapy
- development of the national incident learning system for diagnostic radiology, nuclear medicine, and MRI
- provides scientific and administrative support to the Administration of Radioactive Substances Advisory Committee (ARSAC)



### Promotes implementation of the Ionising Radiation (Medical Exposure) Regulations (IR(ME)R)

- independent advice on IR(ME)R and regulatory matters
- training to Regulators and healthcare providers
- formal support to IR(ME)R Regulators
- supporting responses to significant accidental or unintended exposures (SAUE) for Regulators and healthcare providers

### For more information



## Clinical site visits: tailored advice and support available to healthcare providers

- bespoke, on-site advice and support for clinical departments to build on existing practice
- review of patient pathway in relation to IR(ME)R and national guidance on best practice
- review of local documentation
- shares key safety messages with all involved with clinical practice in each of the modalities
- formal report provided on findings and support with action plan development

## Administration of Radioactive Substances Advisory Committee (ARSAC)

The goal of ARSAC is to ensure the safety of patients who are administered with radioactive materials ensuring that nuclear medicine services are managed by appropriately trained clinicians with suitable facilities and supporting staff available.

The Nuclear Medicine team within MEG provide Scientific secretariat and an administrative Support Unit for ARSAC. This expert Committee, sponsored by the Department for Health and Social Care, assesses applications for licences from clinicians and their employers, to administer radioactive medicinal products to people as part of their medical diagnosis, treatment or research.

The Nuclear Medicine team also manages the publication of the ARSAC guidance on good clinical practice for nuclear medicine in the UK as well as regular newsletters through a subscription E-bulletin.

## National patient safety initiatives in medical exposures

- lead, develop and maintain national reporting systems for medical exposures
- analyse incidents and near misses from medical exposures to identify common themes and share learning to reduce the recurrence of these events
- publication of analysis and learning from incidents, for example, Safer Radiotherapy E-bulletin, triannual analysis and biennial analysis
- educational webinars to support healthcare professionals in learning from incidents and near misses

## For more information

Email: [medicalexposures@ukhsa.gov.uk](mailto:medicalexposures@ukhsa.gov.uk)

[www.ukhsa-protectionservices.org.uk/meg](http://www.ukhsa-protectionservices.org.uk/meg)