
Audit 19

1) Audit Title

Initial education and training in radiation protection

2) Standard against which the audit topic is to be compared

All professionals involved in medical diagnostic imaging should meet the recommended level of initial education and training in radiation protection. All education and training provided for the different professions (radiologists, radiographers, nurses, clinicians, medical physicists etc) shall be documented

3) Source of standard

Radiation Protection no. 175, Guidelines on radiation protection education and training of medical professionals in the European Union. Council Directive 2013/59/Euratom, Article 18

4) Type of audit

Regulatory audit

5) Target/compliance percentage to be achieved

Radiation protection education and training starts at the entry level to the medical, dental and other healthcare professional schools. The Euratom BSS Directive [EC, 2000, RP 116] states that 'Member States shall encourage the introduction of a course on radiation protection in the basic curriculum of medical and dental schools'. Radiation protection courses should, however, have a different orientation and content for medical and dental students. Appropriate courses should be available to junior doctors, nurses, radiographers, etc.

6) Item or variable to be audited

Local and national protocol and documentation on relevant initial theory and training in radiation protection

7) Method

Retrospective /prospective

8) Data or information to be collected

Data from staff records and/or national curricula

9) Sample details

List of all relevant staff with records on education and year of examination

10) Target achieved

Yes/No

11) Action to be taken if target not met

If target not met the cause must be identified. Review content/provision of staff relevant curricula at local/national level

12) Timing for re-audit

If target not met a re-audit should be done within one year. If met, the re-audit could be done every two years