
Audit 16

- 1) **Audit Title**
What percentage of radiodiagnostic procedures have established diagnostic reference levels (DRL)?
- 2) **Standard against which the audit topic is to be compared**
Council Directive
Please note also recent European Commission published guidelines on paediatric DRLs – this would be another suitable subject for audit
European Guidelines on Diagnostic Reference Levels for Paediatric Imaging
- 3) **Source of standard**
Council Directive 2013/59/Euratom, Article 56
- 4) **Type of Audit – Clinical, regulatory**
Compulsory. Legal requirement
- 5) **Target / compliance percentage to be achieved**
100 %
- 6) **Item or variable to be audited**
Establishment and regular review of DRLs for all radiodiagnostic examinations
- 7) **Method**
Retrospective/prospective
- 8) **Data or information to be collected**
Exposure levels for all radiodiagnostic procedures compared to DRLs
Percentage in each category above the DRL
- 9) **Sample details**
One-month review of above
- 10) **Target achieved**
Yes / no
- 11) **Action to be taken if the target is not met**
Remedial action to reduce exposure dose levels
Equipment implications / staffing training
Protocols for scanning
Appropriate local reviews instigated whenever DRLs are consistently exceeded and corrective action taken without delay
- 12) **Timing for re-audit**
Rolling audit programme, frequency to be agreed locally and with medical physics expert