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
   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