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## Audit 18

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**1) Audit Title**

**Eye lens dose limits for occupational exposure**

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

The BSSD modifies the occupational dose limit for the eye lens to 20 mSv/year from the previous value of 150 mSv/year. Special circumstances exist, allowing 100 mSv over 5 years, subject to a maximum dose of 50 mSv in a single year. Please note new lens dose limits for apprentices and students also (Article 11)

**3) Source of standard**

Council Directive 2013/59/Euratom Article 9

**4) Type of audit**

Regulatory

**5) Target / compliance percentage to be achieved**

100 %

**6) Item or variable to be audited**

Local protocols/procedures, implemented and updated  
Measurement of occupational dose exposure

**7) Method**

Retrospective or prospective

**8) Data or information to be collected**

Personal eye dosimetry measurements

**9) Sample details**

Eye dosimetry measurements for individuals/radiologists with potential high dose ionising lens exposure e.g. interventional radiology

**10) Target achieved**

(yes / no)

**11) Actions to be taken if the target is not met**

If target not met the cause must be identified. Review protocols and procedures, involve medical physicist. Education/discussion and review local radiation protective practice with relevant radiologist/individual

**12) Timing for re-audit**

A continuous programme of rolling audit, with early and prompt intervention and re-audit if target is not met

Please see also audit template 22.