

---

## Audit 18

---

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**

National legislation intended to transpose and implement requirements included within the 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 is 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