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## Audit 17

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**1) Audit Title**

**Specific technical requirements for equipment for use in medical exposures**

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

BSSD

The BSSD article 60 has introduced specific requirements for new equipment, there are no current requirements for equipment replacement solely based on age (as opposed to performance, see article 60.2)

**3) Source of standard**

National legislation intended to transpose and implement requirements included within the Council Directive 2013/59/Euratom, Article 60

**4) Type of audit - regulatory****5) Target / compliance percentage to be achieve**

100 % – mandatory and subject to inspection

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

A number of potential audit variables, including:

Fluoroscopy equipment without a device to automatically control dose rate, or without an image intensifier, is prohibited

IR equipment should have the facility to inform the practitioner of the quantity of radiation produced during the procedure

IR/CT equipment should have the facility to inform the practitioner at the end of the procedure of relevant parameters for assessing patient dose

IR/CT equipment has the capacity to transfer the above information to the record of the examination

Please note there are a number of exemptions detailed within the BSSD, these should be referred to prior to auditing

**7) Method**

Retrospective/Prospective/Other

Assessment of all existing/prospective equipment

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

See above

**9) Sample details (number of patients, collection time period)**

See above

**10) Target achieved (yes / no / not applicable)**

Y/N

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

If N, this is an important issue which needs urgent review and discussion with appropriate authorities/regulatory bodies and likely investment in new, updated equipment

**12) Timing for re-audit**

(yes/no/not applicable)