
Audit 10

- 1) **Audit Title**
Image quality in radiography
- 2) **Standard against which the audit topic is to be compared**
To be discussed and agreed locally.
Preferably combined with patient dose evaluation.
- 3) **Source of standard (or reference document)**
EU 16260 EN
EU 16261 for pediatrics
(National reference levels for dose comparison, for pediatrics EC RP 185 if no national DRLs)
- 4) **Type of audit – clinical audit, BSSD related, patient focussed**
- 5) **Target / compliance percentage to be achieved**
To be discussed locally.
- 6) **Item or variable to be audited**
Image quality
- 7) **Method: Retrospective / Prospective / Other**
Retrospective
- 8) **Data or information to be collected**
Radiographic images.
- 9) **Sample details (categories, number of patients, collection time period)**
Usually the most common examinations, or if new equipment/new or updated protocols. E.g., 20 consecutive chest/pelvis, hip X-rays
- 10) **Target achieved (yes / no / not applicable)**
- 11) **Actions to be taken if the target is not met**
Actions depend on the problem recognized in the evaluation (positioning, projection, collimation, noise etc.)
If the image quality is good, but the DRLs are exceeded, look at the possibilities to decrease dose without losing diagnostic image quality, also record the true collimation.
- 12) **Timing for re-audit (yes / no / not applicable)**
Should be part of yearly QA.