



TOOLKIT 23 · RADIATION & IMAGING SAFETY · TOOL 2 OF 3

Imaging Justification and Dose Log

Every examination justified by a clinical question, optimised to the lowest dose that answers it, and recorded — the three principles on one sheet

Before the examination — justification								☐
A specific clinical question is written on the request (not "chest X-ray" but "cough 3 weeks, ? pneumonia")								☐
Previous imaging checked — is the answer already available?								☐
Would a test without ionising radiation answer it (ultrasound, MRI, blood test, clinical review)?								☐
Pregnancy check done (Tool 1) and recorded								☐
The referrer is authorised to request this examination; the radiographer/radiologist may decline an unjustified request and document why								☐
Patient told what the examination involves and, on request, the approximate dose								☐
Date	Patient (no.)	Examination · protocol	Justified ☐	Pregnancy check ☐	kV · mAs (X-ray) / CTDIvol · DLP (CT) / activity (NM)	Repeats (no., reason)	Above DRL ☐ (reason)	Radiographer
			☐	☐			☐	
			☐	☐			☐	
			☐	☐			☐	
			☐	☐			☐	
			☐	☐			☐	
			☐	☐			☐	
			☐	☐			☐	
			☐	☐			☐	

Monthly review. Median dose per standard examination compared with the national or European diagnostic reference level (DRL); repeat rate (target < 5 %); unjustified requests declined; equipment QA due. Findings to the radiation protection committee. Where no national DRLs exist, use the European Commission RP 185 values as reference and say so.

ASF standards: Hospital Standard 4 — radiation safety (means of verification: justification records, dose log, DRL review)