CHECKLIST 8. COMPUTER SYSTEMS AND DATA HANDLING

No.	Component	LC	Example of result / type of evidence
8.1	Are written policies available for specifying, procuring and testing new Radiology Information System, picture archiving and communication systems (PACSs) and image processing and analysis workstations?		Check the procedure
8.2	Do these policies require certification of all equipment that will be acquired (e.g. CE mark, United States Food and Drug Administration clearance or approval by a national authority)?		Check the procedure
8.3	Are the above policies in line with recommendations made in IAEA / International Electrotechnical / National Electrical Manufacturers Association publications?		Check the procedure
8.4	Is an independent assessment of the performance of the actual delivered equipment performed and documented against specifications of the tender?		Observation on-site / example records / check the procedure
8.5	Is there a policy for security assessment of all information technology systems (against viruses, intruders, etc.)?		Check the procedure
8.6	Is there a policy for ensuring integrity, security and privacy of data, including remote access?		Check the procedure
8.7	For PACSs, is there a standard operating procedure (SOP) available for monitoring and correcting mismatches between image files and patient data and/or other non-conforming situations?		Observation on-site / example records / check the procedure
8.8	For PACSs, is there an SOP for quality assurance / quality control of image display monitors?		Observation on-site / example records / check the procedure

CHECKLIST 8. COMPUTER SYSTEMS AND DATA HANDLING (cont.)

No.	Component	LC	Example of result / type of evidence
8.9	Is there a policy to ensure consistency of data acquisition, processing and analysis protocols after major software revisions, also taking into account any site customization?		Check the procedure
8.10	Is there a policy available on quality management of 'in-house' or non-registered software intended to support clinical use?		Observation on-site / example records / check the procedure
8.11	Is there a policy for granting backup and maintaining patient data files?		Check the procedure

Note: LC: level of conformance (range 0–4). 0: absent or inappropriate; 1: planned or approximate; 2: partial conformance or partial implementation; 3: near full conformance or near full implementation; 4: full conformance or full implementation.