Diagnostic Accreditation Program

ACCREDITATION STANDARDS

# Glossary

| Term | Definition | References |
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| decontamination | The process of cleaning, followed by the inactivation of microorganisms, in order to render an object safe for handling. | PICNET - Best Practice Guidelines For Cleaning, Disinfection and Sterilization of Critical and Semi-critical Medical Devices |

| Term | Definition | References |
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| displays | Displays refers to computer monitors utilized in medical imaging, displays are either primary (diagnostic, mammography) or secondary (modality, interventional, clinical specialist) or other.<br><br>Diagnostic displays refer to all displays used for the primary interpretation of radiography, fluoroscopy, computed tomography, magnetic resonance, ultrasound, echocardiography, and nuclear medicine imaging.<br><br>Mammography displays refer to all displays used for the primary interpretation of mammography imaging.<br><br>Modality displays refer to a designated display(s) utilized by technologists to make image quality decisions (e.g. repeat imaging prior to patient discharge), create image reconstructions, and perform advanced post processing.<br><br>Interventional displays refer to all displays used for guidance, navigation or reference during the performance of interventional procedures.<br><br>Clinical specialist displays refers to all secondary displays which physicians review patient images for the purpose of making a health-care management decision, excluding primary interpretation. | DAP |
| diagnostic reference levels (DRLs) | The purpose of diagnostic reference levels, DRLs is to promote a better control of patient exposures to X-rays. This control must be related to the clinical purpose of the examination. DRLs must not be seen as limits but instead as guidance to optimize doses during procedures. DRLs are based on typical examinations of standardized patient or phantom sizes, and for a broad type of equipment. While it is expected that facilities should be able to attain these levels when performing procedures using good methodologies, it is not expected that all patients should receive these dose levels but that the average of the patient population should. | Safety Code 35 |

| Term | Definition | References |
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| ethics | Acknowledged set of principles which guide professional and moral conduct. | ISQua – 5th edition |
| expedited | An accelerated process.<br>Note: For the purpose of the accreditation, there are three categories of requests and examinations: routine; urgent; and stat. Expedited requests and examinations include those requested as urgent or stat. | DAP |
| governance | The way that an organization is controlled by the people who run it. | MW |
| governing body | The title "governing body" is the term defined by the DAP as the group or individual which holds the ultimate authority and responsibility to oversee the service. The governing body may be a board of directors, a council, sole proprietor or another decision-making body. | DAP |
| health level 7 (HL7) | HL7 is a framework (and related standards) for the exchange, integration, | |

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| level 1 magnetic resonance imaging (MRI) personnel | Those who have passed minimal safety educational efforts to ensure their own safety as they work within zone III are referred to as Level 1 MRI personnel. Level 1 MRI personnel are also explicitly permitted to be responsible for accompanying non-MRI personnel into and throughout zone III, excluding zone IV. | ACR Manual on MR Safety - |

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| magnetic resonance (MR) conditional | Is used for items have been demonstrated to pose no known hazards in a specified MRI environment with specified conditions of use. The safety of "MR conditional" items must be verified with the specific scanner and MRI environment in which they will be used. Objects with an "MR conditional" rating are affixed with a triangular yellow MR conditional label prior to being taken into the scan room/Zone IV. | ACR Manual on MR Safety - 2020 |
| magnetic resonance (MR) | | |

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| protocol | A set of required actions which outlines all necessary information to perform a clinical examination or manage a clinical situation. | DAP |
| qualitative | Data and information expressed with descriptions and narratives, a method that investigates the experience of users through observation and interviews. In terms of quality control testing of displays, a qualitative evaluation of displays is undertaken by obtaining an observation (i.e. user observes a display test pattern). | DAP |
| quality | The degree to which a set of inherent characteristics fulfils requirements.<br>Note: The term "quality" can be used with adjectives such as poor, good or excellent "inherent," as opposed to "assigned," means existing in something, especially as a permanent characteristic. | ISO 15189:2012 |
| quality indicator | The measure of the degree to which a large number of characteristics of an object fulfils requirements.<br>Measure can be expressed, for example, as % yield (% within specified requirements), % defects (% outside specified requirements), defects per million occasions (DPMO) or on the Six Sigma scale. Quality indicators can measure how well an organization meets the needs and requirements of users and the quality of all operational processes. | ISO 15189:2022 3.26 |
| quality control testing | Quality control testing is the routine verification of equipment performance, integrity, stability and safety. | DAP |

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| quality improvement | Quality improvement (QI) is a proven, effective way to improve care for patients, residents and clients, and to improve practice for staff. In the healthcare system, there are always opportunities to optimize, streamline, develop and test processes, and QI should be a continuous process and an integral part of everyone's work, regardless of role or position within the organization. | Health Quality Ontario – Quality Improvement Guide |

| Term | Definition | References |
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| refurbished | The modification of a device (cleaning, repairing, replacing parts, and changing aesthetics) that does not significantly change the device's performance or intended use. | DAP |
| reprocessing | The steps performed to prepare used medical equipment devices for use (e.g. cleaning, disinfection (LLD, ILD or HLD) or sterilization). | PICNET - Best Practice Guidelines For Cleaning, Disinfection and Sterilization of Critical and Semi-critical Medical Devices |
| responsible user | | |

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| zone IV | This area is synonymous with the MRI scanner magnet room itself, that is, the physical confines of the room within which the MRI scanner is located. Zone IV, by definition, will always be located within zone III, as it is the MRI magnet and its associated magnetic field that generates the existence of zone IV. | ACR Manual on MR Safety - 2020 |
| Z-score | The number of standard deviations above (+) or below (-) the mean density for an individual of that age and gender. | CAR – BD Reporting |

| Abbreviation | Reference |
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| HL7 International | Health Level Seven International, "About HL7". https://www.hl7.org/about/index.cfm?ref=nav. Accessed 10/30/2024. |
| IHE | IHE International, "About IHE". https://www.ihe.net/about_ihe/. Accessed 10/30/2024. |
| IPAC Canada | IPAC Canada's Reprocessing Group, IPAC Canada Practice Recommendations Reprocessing Ultrasonic Transducer Probes Used in All Healthcare Settings. Ontario: IPAC; 2022. |
| ISCD – Official Positions | ISCD: The International Society for Clinical Densitometry. 2019 ISCD Official Positions: Adults [Internet]. Middletown (CT): International Society for Clinical Densitometry; 2019. Available from: https://iscd.org/wp-content/uploads/2021/09/2019-Official-Positions-Adult-1.pdf |
| ISO 15189:2012 | International Standards Organization, ISO 15189 Medical laboratories – Requirements for quality and competence, Geneva, Switzerland: ISO; 2012 Third edition |
| ISO 15189:2022 | International Standards Organization, ISO 15189 Medical laboratories – Requirements for quality and competence, Geneva, Switzerland: ISO; 2022 Fourth edition |
| ISO 9000 2015 | International Standards Organization, ISO 9000 Quality management systems – Fundamentals and vocabulary, Geneva, Switzerland: ISO; 2015 Fourth edition |
| ISQua – 5th edition | |

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