DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

CLASS 2 IMAGING ROOM SUMMARY CHECKLIST

Facility Name:			
OSHPD Project Number:			
Facility Number:		Date:	

Class 2 Imaging includes diagnostic and minimally invasive procedures.	
Diagnostic and minimally invasive procedures (Procedure Room)	
	1. Minimum Room Size = 130 square feet, minimum width = 10’-0” (1224.4.4.1.4).
	2. Minimum Room Size = 160 square feet if anesthesia is used.
	3. Minimum of 3 feet - 6 inches required between the sides and 3’-0” at the foot of the exam/gantry table and any wall or other fixed obstruction. Clearance at the head shall be a minimum of 6 feet where anesthesia is used. Turning space complying with 11B-304 shall be provided within the room.
	4. More space may be required for the specific procedure modality.
Meets semi-restricted finish criteria in Section 1224.4.11:	
	1. Floors shall be smooth, waterproof, durable and slip-resistant (1224.4.11.1).
	2. Floor bases shall be monolithic and have an integral coved wall base that is carried up the wall a minimum of 6 inches and tightly sealed to the wall for procedures that require wet cleaning (1224.4.11.2.2).
	3. Wall finishes shall be washable and able to withstand cleaning with chemicals (1224.4.11.3-4).
	4. Ceiling shall be nonabsorptive, nonperforated, and capable of withstanding cleaning with chemicals, and without crevices that can harbor mold and bacterial growth. If a lay-in ceiling is used, it shall be gasketed or each ceiling tile shall weigh at least one pound per square foot to prevent the passage of particles from the cavity above the ceiling plane into the semi-restricted environment. Perforated, tegular, serrated cut or highly textured tiles are not acceptable. (1224.4.11.4.1-1).

Semi-restricted area accessed from an unrestricted area (e.g., Radiological/Diagnostic Imaging Service Space internal circulation corridor) or another semi-restricted area (e.g., semi-restricted surgical corridor). (Table 1224.4.11.4a)	
Handwashing station required in the Class 2 Imaging Room. Where a hand scrub station is directly accessible to the procedure room, omission of the handwashing station is permitted. (1224.18.1-6-b).	
Imaging Modality:	
	1. Fluoroscopy / still x-ray – C-Arm used with minimally invasive procedures.
	2. Computed Tomography (CT) Scanner – used with minimally invasive procedures.
	3. Diagnostic Angiography – See specific imaging requirements 1224.18.2.
HVAC requirements – CMC Table 4-A:	
	1. Non-aspirating (laminar flow) diffuser above the patient table & standard return air grilles w/ (3) outside air / (15) total air changes per hour.
	2. Pressure Differential: Positive relative to surrounding spaces unless specifically noted otherwise for the procedure (e.g., bronchoscopy procedure rooms will be negative)
Medical Gas: (2) Oxygen, (2) Vacuum, and (1) Medical Air.	
Electrical: Category 1 (Critical Care) space - CEC Article 517.19(B):	
	1. Minimum of (14) receptacles
	2. Critical Branch and Normal Branch circuits with at least one receptacle on each.
Anesthesia/Sedation: General, local anesthesia and minimal and moderate sedation may be administered in the Class 2 Imaging Room. Moderate sedation and/or anxiolytic medications administered under monitored anesthesia care where conversion to general anesthesia is likely to become necessary must be in a Class 3 Imaging Room.	

Pre- post-procedure: Where sedation is used, a patient preparation/holding and recovery area, or room, shall be provided and arranged to provide visual observation before and after the procedure. Each patient care station shall have a minimum floor area of 80 square feet and minimum clearance of 3 feet provided between the sides and foot of patient lounge chairs/gurneys and adjacent walls, partitions, or fixed elements (1224.16.2). The recovery area shall include a minimum of (1) Oxygen and (1) Vacuum port. Provide access to a PACU in compliance with 1224.16 where required by the specific procedure/modality. PACU serving patients under inhalation anesthetics will require exhaust ventilation.	
Radiation Protection – As specified by certified physicist – CBC Section 1224.18.1.1.	
	1. Control alcove with view window – 18” min solid partition between window and outside edge.
	2. Control room where required by specific imaging modality.
Support Spaces:	
	1. Dressing Room facilities (1224.18.7.2)
	2. Patient toilet(s) located in the radiological/diagnostic imaging space provided in addition to toilets dedicated to specific procedure rooms. (1224.18.7.1).
	3. Office or other suitable area for viewing and reporting radiographic examination. (1224.18.1-4).
	4. Storage spaces for all image equipment, supplies, and copies of reports. (1224.18.1-5).
	5. Staff toilet room(s) internal to the service space with three or more imaging/procedure rooms. (1224.18.7.3).
	6. Clean supply (1224.4.4.6.1) and soiled holding (1224.4.4.7.1) are permitted to be shared with compatible adjacent service spaces.
	7. Locked storage for medications and drugs (1224.18.7.5) may be a self-contained medication dispensing unit located in a nurse station, clean utility room, or in an area where access is under the monitoring and control of nursing staff. (1224.4.4.4.2).

Specific Imaging Modalities	
In addition to the basic requirements for Class 2 Imaging Rooms, specific requirements apply to following Imaging Modalities:	
Diagnostic Angiography (1224.18.2)	
	1. A control room with a view window to permit full view of the patient.
	2. A scrub sink located outside the staff entry to the procedure room.
	3. Patient holding area shall accommodate at least one patient gurney with a minimum of 3-foot clearance on the long side.
	4. Storage for portable equipment and catheters shall be provided.
Interventional Imaging – Interventional Angiography, Interventional Radiology (IR), Vascular Imaging (1224.28.4)	
	1. Minimum clear dimension of 18 feet and a minimum clearance of 4 feet on all sides of the procedure table.
	2. A control room, sized to accommodate the image-recording and viewing equipment, with a view window to permit full view of the patient.
	3. A scrub sink located outside of sterile areas. A minimum of one scrub sink shall be provided for each interventional imaging procedure room.
	4. Medication station provided in compliance with Section 1224.4.4.4.
	5. Clean utility room in compliance with 1224.4.4.4 and soiled workroom in compliance with 1224.4.4.7.
	6. Housekeeping room in compliance with 1224.4.15.
	7. Staff changing areas arranged to ensure traffic pattern so that personnel can enter from an unrestricted area, change their clothing, and move directly into the interventional imaging suite.

Catheterization Labs – Electrophysiology (EP) Studies	
If purely diagnostic procedures such as EP studies and/or minimally invasive procedures are performed in a Cath Lab, and the clinical risk assessment suggests that a Class 2 Imaging Room is appropriate, the following shall be added to the basic requirements (1224.28.2):	
	1. The procedure room shall have a minimum floor area of 400 square feet, in addition to spaces for control, monitoring and recording equipment and imaging equipment power and controls.
	2. Dedicated space and equipment for emergency resuscitation and stabilization shall be immediately accessible to the procedure room.
	3. An equipment space or enclosure large enough to contain imaging equipment transformers, power modules and associated electronic and electrical gear shall be provided.
	4. Scrub facilities with hands-free operable controls shall be provided adjacent to the entrance of procedure rooms. A minimum of one scrub sink shall be provided for each catheterization laboratory.
	5. Appropriate areas shall be provided for male and female staff working within the surgical service space. The areas shall contain lockers showers, toilets, handwashing stations and space for donning surgical attire. These areas shall be arranged to ensure a traffic pattern so that personnel entering from outside the service space can enter, change their clothing, and move directly into the cardiac catheterization service space.
	6. A patient preparation holding, and recovery area or room shall be provided and arranged to provide visual observation before and after the procedure.
	7. A clean utility room shall be provided and contain a work counter and handwashing station.
	8. A soiled utility room shall be provided and contain a handwashing station and a clinical sink.
	9. A housekeeping room shall have a minimum floor area of 15 square feet and contain a service sink or floor receptor. This may be shared with an adjacent surgical unit.