

CLASS 3 IMAGING ROOM SUMMARY CHECKLIST

Facility Name:			
OSHPD Project Number:			
Facility Number:		Date:	
Class 3 Imaging (hybrid Operating Room) includes invasive procedures.			
Includes diagnostic imaging before, during, and after surgical procedures (Hybrid Operating Room)			
	1. Minimum Room Size = 650 square feet, minimum width = 24'-0" (1224.28.5).		
	2. Clearances between the sides and foot of the exam/gantry table and any wall or other fixed obstruction shall accommodate the sterile field/surgical team, sterile instrument table(s), circulating nurse access, imaging equipment, anesthesia equipment and team, perfusion equipment and team if present, and maintenance/maneuvering clearances around the imaging equipment.		
	3. If required, a control room shall be provided that accommodates the imaging system control equipment.		
	4. More space may be required for the specific procedure modality.		
Meets restricted finish criteria in Section 1224.4.11:			
	1. Floors shall be smooth, waterproof, durable and slip resistant. Flooring materials shall be monolithic, not physically affected by germicidal or other types of cleaning solutions. (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 monolithic, scrubbable and able to withstand cleaning with chemicals. Wall finishes shall be free of fissures, open joints or crevices that may retain or permit passage of dirt particles. (1224.4.11.3-2 & 3).		

	4. Ceiling shall be monolithic with no cracks or perforations equal in smoothness to enamel plaster. Ceilings shall be scrubbable and able to withstand cleaning and/or disinfecting chemicals. All access openings in restricted area ceilings shall be gasketed. (1224.4.11.4.1-3, 4 & 5).
Restricted area that can only be accessed from a semi-restricted area (e.g., semi-restricted surgical corridor) (Table 1224.4.11.4a). The surgical service space shall be located and arranged to provide direct support from the anesthesia/recovery service space with a common door to prevent nonrelated traffic through the surgical service space.	
Scrub facilities with direct-wired or battery-operated clock shall be located outside of sterile areas. A minimum of two scrub sinks shall be provided in a surgical unit containing one Operating Room or hybrid Operating Room. Four scrub sinks shall be provided in surgical units containing two Operating Rooms and/or hybrid Operating Rooms. One additional scrub sink shall be provided for each additional Operating Room or hybrid Operating Room. (1224.15.3.5)	
Imaging Modality:	
	1. Cardiac Catheterization Labs used with invasive procedures - 1224.28.5
	2. Interventional Imaging (vascular imaging) – See specific imaging requirements 1224.28.5 including 1224.4.
	3. Intraoperative Computed Tomography (CT) – See specific imaging requirements 1224.18.5.5.1.
	4. Intraoperative Magnetic Resonance Imaging (iMRI) – See specific imaging requirements 1224.28.5.5.2
HVAC requirements – CMC Table 4-A:	
	1. Non-aspirating (laminar flow) primary supply diffuser array above the sterile field (12" minimum beyond the width and length of the table) & low-level sidewall return air grilles w/ (4) outside air / (20) total air changes per hour.
	2. Pressure Differential: Positive 0.01"w.c. relative to surrounding spaces.
Medical Gas: (2) Oxygen, (5) Vacuum, and (1) Medical Air; WAGD required for anesthesia use.	

Electrical: Category 1 (Critical Care) space - CEC Article 517.19(C):	
	1. Minimum of (36) receptacles
	2. Critical Branch and Normal Branch circuits with at least (12) receptacles, but no more than (24), on each. Grounding and bonding per CEC Article 517.19.
	3. Wet procedure determination.
Anesthesia/Sedation: Class 3 Imaging Rooms shall be equipped for potential administration of general anesthesia.	
Pre- post-procedure: A patient preparation/holding 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 post-anesthesia care unit (PACU) recovery area shall provide 4-foot clearance between the sides and foot of patient beds/gurneys and adjacent walls or fixed obstructions, minimum of 80 square foot area in an open-bay plan (1224.16.3.1), and include a minimum of (2) Oxygen, (3) Vacuum, and (1) Medical Air med gas port. Access to the PACU shall be in compliance with Section 1224.16. 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 room shall have a clear floor area of 120 square feet which may include fixed work surfaces. The room shall be physically separated from the hybrid Operating Room with walls and a door. The room shall have viewing windows that provide a full view of the patient and the surgical team.
Support Spaces – compliance with CBC Section 1224.15.3 as noted below:	
	1. Waiting area(s) if outpatient procedures are performed (1224.39.1)
	2. Dressing Room facilities (1224.18.7.2)
	3. Patient toilet(s) located in the perioperative space. (CPC Table 4-2).
	4. Staff toilet rooms in the staff changing area (1224.15.3.11) and separate staff toilet room(s) in the perioperative suite (1224.16.16).

	5. Clean utility (1224.15.3.8) and soiled workroom (1224.15.3.7) are dedicated to the surgical service space and accessed off the semi-restricted corridor.
	6. Locked storage for medications and drugs (1224.15.3.4) 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).
	7. Control Station located to permit visual observation of all traffic into the surgical service space. (1224.15.3.1)
Specific Imaging Modalities	
In addition to the basic requirements for Class 3 Imaging Rooms (1224.28.5), specific requirements apply to following Imaging Modalities:	
<u>Interventional Imaging</u> – 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.
<u>C.T.</u> – Hybrid Operating Rooms with intraoperative computed tomography (CT) systems shall have control rooms that comply with Section 1224.18.3.1.	

iMRI – Hybrid Operating Rooms with intraoperative magnetic resonance imaging (iMRI) shall comply with the following:

	1. Space and configuration requirements in Section 1224.18.4 except the clearances shall comply with 1224.28.5.1.
	2. The control room shall comply with Section 1224.18.4, Item 1.
	3. The anteroom shall comply with Section 1224.18.4, Item 2.
	4. Entry doors to iMRI hybrid Operating Rooms shall swing outward from inside the room.