

SpaceMed Rule-of-Thumb

Sizing Imaging Procedure Rooms



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The size of an imaging procedure room depends on whether the equipment is small and portable or large and fixed, and whether the equipment requires a separate operator control room and space to accommodate ancillary equipment components. Most imaging equipment can be accommodated in one of three types of procedure rooms as shown below.

Modality	Typical Net Square Feet (NSF)	Comments
Small Procedure Room	140 to 160 NSF per procedure room	To accommodate a small, portable piece of equipment (with operator's console) used for ultrasound, electrocardiography, echocardiography, electromyography, and similar testing. Other room furnishings may include a chair for the operator, patient chair, patient treatment bed/cot, and a sink and storage cabinetry. This equipment can typically be accommodated in an amply-sized clinic exam/treatment room as well.
Typical Imaging Room	220 to 320 NSF per procedure room	Traditional imaging room to accommodate fixed imaging equipment for radiography, fluoroscopy, mammography, bone densitometry, and nuclear medicine procedures. Other furnishings may include an operator's console/alcove, patient exam table, patient chair, and a sink and storage cabinetry. The smaller size room would accommodate a chest X-ray unit or mammography unit with the larger size required for a full-length patient exam table. The minimum procedure room dimension is typically 12'-0" with a minimum ceiling height of 7'-6" (8'-0" recommended).
Specialty Imaging Room:		
Large Procedure Room	320 to 450+ NSF per procedure room	Specialty imaging room to accommodate fixed imaging equipment for computed tomography (CT), positron emission tomography (PET), self-shielded magnetic resonance (MR), single photon emission computed tomography (SPECT), angiography/cardiac catheterization, and other fusion imaging or hybrid equipment. The minimum procedure room dimension is typically 13'-0" with a minimum ceiling height of 8'-0" (9'-0" recommended).
Control Room/Operator's Workstation	80 to 120 NSF per control room	Contains the operator's console; generally contiguous with the procedure room with doors leading both into the procedure room and to the corridor; size of control room depends on the number of operator consoles.
Equipment Room	60 to 120 NSF per equipment room	Optional depending on equipment specifications and manufacturer; to house ancillary equipment components; often contiguous with the procedure room with access via sliding doors.

NSF = Net square feet which represents the inside wall-to-wall dimensions of the individual procedure room.

Source: *SpaceMed — A Space Planning Guide For Healthcare Facilities* (www.spacemed.com).