

CHAPTER 295: IMAGING SERVICE

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1 PURPOSE AND SCOPE

This document outlines Space Planning Criteria for Program Guide (PG) 18-9 Chapter 295: Imaging Services. It applies to all medical facilities at the Department of Veterans Affairs (VA).

Imaging Services, as used in these criteria, include General Radiology, Fluoroscopy, Breast Imaging, Ultrasound, Bone Densitometry, Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Nuclear Medicine, Positron Emission Tomography/Computed Tomography (PET/CT), and Positron Emission Tomography/Magnetic Resonance Imaging (PET/MRI), for both inpatients and outpatients, and is a resource for the entire medical facility.

2 DEFINITIONS

Automated Breast Ultrasound (ABUS): Specialized imaging system utilizing three-dimensional ultrasound technology to supplement screening mammography.

Automated Supply Dispensing Unit (ASDU): Automated material or medication dispensing and inventory control systems.

Bone Densitometry: Imaging technique utilizing low-dose ionizing radiation to measure bone loss, commonly used to diagnose osteoporosis. Also known as dual-energy x-ray absorptiometry (DEXA).

Breast Imaging: A modality utilizing low-energy X-ray imaging for breast examinations; also referred as Mammography.

Chest Imaging Room: A specific or specialized radiology room used for routine chest X-rays and those radiographic procedures which can or should be performed in an upright position.

Class: Designation of an imaging room based on the level of intervention / acuity it is intended to support, with Class 1 being low-acuity diagnostic, Class 2 being higher-acuity diagnostic or interventional, and Class 3 being intraoperative.

Computed Tomography (CT): The technique employing X-ray radiation to produce tomographic (cross sectional) images.

Department Net to Gross (DNTG) Factor: A parameter, determined by the VA for each clinical and non-clinical department PG-18-9 space planning criteria chapter, used to convert the programmed Net Square Feet (NSF) area to the Department Gross Square Feet (DGSF) area.

Fluoroscopy: The technique using X-rays to produce cinematic images. Images produced by this modality include upper and lower gastrointestinal series, cystography, myelography and esophageal mobility studies.

Full-Time Equivalent (FTE): A staffing parameter equal to the amount of time assigned to one full time employee. It may be composed of several part-time employees whose



combined time commitment equals that of one full-time employee (i.e., 40 hours per week).

Functional Area (FA): The grouping of rooms and spaces based on their function within a clinical service or department.

General Radiology Room: A room in which radiography is performed, also known as General Purpose Radiology Room.

General Radiology: Images produced by the basic X-ray process.

“Hot”: A colloquial term used to describe the presence of measurable radioactivity.

“Hot Lab” / Radiopharmacy: Area for storage, preparation and dispensing of radiopharmaceuticals. Hot labs must be secured and provided with adequate shielding.

Imaging / Radiology: The medical specialty that utilizes imaging examinations with or without ionizing radiation to affect diagnosis or guide treatment. Techniques include radiography, tomography, fluoroscopy, ultrasonography, Breast Imaging, computed tomography (CT), and SPECT or PET imaging.

Imaging Room: Designated room containing diagnostic equipment performing patient procedures such as Radiography, Radiography/Fluoroscopy (R/F), Breast Imaging, Ultrasound, Interventional Radiology (IR), Computed Tomography (CT), Magnetic Resonance Imaging (MRI), SPECT and PET imaging.

Input Data Statements: A set of questions designed to elicit information about the healthcare project in order to create a Program for Design (PFD) based on the parameters set forth in this set of documents. This information is processed through mathematical and logical operations in the VA Space and Equipment Planning system (SEPS).

Interventional Radiology (IR): The clinical subspecialty that uses various imaging technologies to guide percutaneous (through the skin) procedures such as performing biopsies, draining fluids, inserting catheters, or dilating or stenting narrowed ducts or vessels. Surgical and near-surgical Interventional Radiology space, equipment, and planning criteria are located within the Surgical and Endovascular design resources.

JSN (Joint Schedule Number): A unique five alpha-numeric code assigned to each content item in the PG-18-5 Standard. JSNs are defined in DoD’s Military Standard 1691 and included in SEPS Content Table.

MR / MRI: Imaging technique utilizing magnetic and radio frequency fields to produce computer calculated images of human anatomy and monitor body chemistry. Abbreviations for Magnetic Resonance, Magnetic Resonance Imaging and Nuclear Magnetic Resonance. All refer to the same process.

Net Square Feet / Net Square Meters (NSF/NSM): The area of a room or space derived from that within the interior surface of the bounding walls or boundaries.



Nuclear Medicine / Molecular Imaging: Method of producing images using devices that detect radiation from different parts of a patient’s body after administration of a radioactive tracer material. Modalities include Single Photon Emission Computed Tomography (SPECT) imaging, and Positron Emission Tomography (PET).

PET/CT: An imaging modality that combines the functions of each Positron Emission Tomography (PET) and Computed Tomography (CT).

PET/MRI: An imaging modality that combines the functions of each Positron Emission Tomography (PET) and Magnetic Resonance Imaging (MRI).

Picture Archiving and Communication System (PACS): A system designed for the digital capture, transfer, storage and evaluation of medical images.

Positron Emission Tomography (PET): An imaging modality that generates the signal used for constructing the physiologic image from the energy emissions of a radioisotope that has been injected, ingested, or inhaled, which either binds to or absorbed by targeted cells within the body. Typically provided in hybrid form with another modality (i.e. PET/CT).

Program for Design (PFD): A project specific itemized listing of the spaces, rooms, and areas required for the proper operation of a specific service / department, and the corresponding area for each. PFDs are generated by SEPS based on the PG-18-9 Standard.

PG-18-9: A Department of Veterans Affairs’ Space Planning Criteria Standard for planning, design and construction of VA healthcare facilities; a Program Guide (PG) that provides space planning guidance for VA Medical Centers (VAMCs) and Community Bases Outpatient Clinics (CBOCs). PG-18-9 is organized by chapters, as of Jan 2020 there are 64 clinical and non-clinical PG-18-9 chapters; they are implemented and deployed in SEPS so that space planners working on VA healthcare projects can develop baseline space programs.

PG-18-5: A Department of Veterans Affairs’ Equipment Guidelist Standard for planning, design and construction of VA healthcare facilities; a Program Guide (PG) that lists assigned room contents (medical equipment, furniture and fixtures) to each room in PG-18-9. PG-18-5 follows PG-18-9’s chapter organization and nomenclature.

PG-18-12: A Department of Veterans Affairs’ Design Guide Standard for planning, design and construction of VA healthcare facilities, a Program Guide (PG) that provides design guidance for VA Medical Centers (VAMCs) and Community Bases Outpatient Clinics (CBOCs). The narrative section details functional requirements and the Room Template section details the planning and design of key rooms in PG-18-9. Not all PG-18-9 chapters have a corresponding PG-18-12 Design Guide; one Design Guide can cover more than one PG-18-9 chapter.

Radiography: A still image of the density of tissues created through the use of ionizing X-ray radiation.



Radiology / Fluoroscopy Room (R/F): A room containing a radiographic / fluoroscopic system that produces either still photographic records or real-time cinematic images of internal body structures.

Room Code (RC): A unique five alpha-numeric code assigned to each room in the PG-18-9 Standard. Room Codes in PG-18-9 are unique to VA and are included SEPS's Space Table.

SEPS: Acronym for Space and Equipment Planning System which produces equipment lists and Program for Design for a healthcare project based on specific information entered in response to Input Data Questions.

Single Photon Emission Computed Tomography (SPECT): An imaging technique using signal from photons generated by the decay of a radioisotope injected or ingested by a patient. May be stand-alone or provided in hybrid form with another modality (i.e. SPECT/CT).

Space Planning Concept Matrix (SPCM): A working document developed during this chapter's update process. It lists all the rooms organized by Functional Area and establishes ratios between the directly and the indirectly workload driven rooms for the planning range defined in this document.

Ultrasound: An imaging modality using high frequency sound waves to determine the size and shape of internal vessels, organs, or structures based on the differential rates of reflection

VA Room Family (VA RF): An organizational system of rooms / spaces grouped by function, a Room Family. There are two "Orders" in the VA RF: Patient Care and Patient Care Support; Patient Care features four sub-orders: Clinical, Inpatient, Outpatient and Residential Clinical. There are also four sub-orders in the Patient Care Support order: Building Support, Clinical Support, Staff Support and Veteran Support. Each room in a Family has a unique Room Code and NSF assigned based on its Room Contents which correspond to the specific use of the room. The same RC can be assigned to different Room Names in this document, toilets, office space, etc. and can feature a variable NSF based on the PG-18-5 Room Contents assigned to the room.

VA Technical Information Library (TIL): A resource website maintained by the Facilities Standards Service (FSS) Office of Construction and Facilities Management (CFM) containing a broad range of technical publications related to the planning, design, leasing, and construction of VA facilities. VA-TIL can be accessed at: <https://www.cfm.va.gov/TIL/>

3 OPERATING RATIONALE AND BASIS OF CRITERIA

- A. Space planning criteria have been developed based on research of clinical and non-clinical activities performed in the functional areas of VA Imaging Services facilities. These criteria are predicated on established and/or anticipated best practice standards as well as applicable policy requirements for Imaging Services in the



- Department of Veterans Affairs and are the basis for generation of a baseline space program for the Imaging Services components of a VA construction project. These criteria are subject to modification and adjustment relative to developments in state-of-the-art equipment, medical practice, and subsequent detailed planning and design.
- B. Update of the PG-18-9, PG-18-5 & PG-18-12 Standards is a research based effort executed with participation of VHA Imaging Services Subject Matter Experts (SMEs), VA-Construction and Facilities Management Office (CFM) professional staff and specialty consultants hired for the task. Based on a review of current applicable VHA policies and guidelines, and imaging technology developments the Space Planning Concept Matrix (SPCM) was developed. The SPCM details all the baseline components a VA Imaging Services department, renovation or new facility project, should include. The Functional Areas, Rooms, room quantities and square footages (NSFs) included in the PG-18-9 standards document are based on the SPCM discussed, agreed upon by all participants and approved by VA VHA.
- C. The Imaging Services Planning Range, the maximum number of directly workload-driven imaging / scanning rooms, in this document is 40 imaging / scanning rooms – all modalities. The maximum number of imaging / scanning rooms by modality is as follows:
1. General Radiography: 8
 2. Chest Radiography: 2
 3. Radiography / Fluoroscopy: 2
 4. Multipurpose Radiography / Fluoroscopy: 2
 5. Prone Breast Imaging: 1
 6. Standing Breast Imaging: 2
 7. ABUS Scanning: 1
 8. Ultrasound: 6
 9. Bone Densitometry: 1
 10. CT: 5
 11. MRI: 4
 12. Nuclear Medicine: 1
 13. SPECT/CT: 4
 14. Thyroid Probe: 1
 15. PET/CT: 2
 16. PET/MRI: 1
- If a project requires provision of imaging / scanning rooms above these values, please refer to CFM for guidance.
- D. Rooms in the Imaging Services space planning document are organized in fourteen Functional Areas (FAs) as follows:
1. FA 1: Imaging / Scanning Room Calculation
 2. FA 2: Imaging Services Reception Area
 3. FA 3: General Radiology Area



4. FA 4: Breast Imaging Area
 5. FA 5: Ultrasound Area
 6. FA 6: Bone Densitometry Area
 7. FA 7: Computed Tomography (CT) Area
 8. FA 8: Magnetic Resonance Imaging (MRI) Area
 9. FA 9: Nuclear Medicine (NM) Area
 10. FA 10: Positron Emission Tomography (PET) Computed Tomography (CT) - PET/CT Area
 11. FA 11: Positron Emission Tomography (PET) Magnetic Resonance Imaging (MRI) - PET/MRI Area
 12. FA 12: Imaging Services Support Area
 13. FA 13: Imaging Services Staff and Administrative Area
 14. FA 14: Imaging Services Academic Education Area
- E. Based on its intended function, each room / space in a PG-18-9 Functional Area (FA) is assigned a:
1. Room Name (RN),
 2. Room Code (RC),
 3. Room Area, the Net Square Feet (NSF) and its corresponding “soft metric” Net Square Meters (NSM),
 4. Unique Room Criteria Statement (RCS) correlated to answers to Input Data Statements (IDSs) or SEPS Importer Shortcuts (at end of Section 4), and
 5. Room Comment if needed.
- F. Section 4 Input Data Statements (IDSs) and Section 5 Space Planning Criteria in this document have been uploaded / implemented and tested in the Space and Equipment Planning System (SEPS), a web-based software for use in federal projects. Planners working on a VA Imaging Services project can develop a baseline space program, the Program for Design (PFD), by answering the IDSs in SEPS. These answers trigger mathematical and logical calculations embedded in the unique RCSs and generate the baseline PG-18-9 Standard-based PFD as the starting point of the project’s space planning process. Once the baseline space program has been vetted by the VISN / facility leadership, SEPS produces the list of contents for each room in the project based on the corresponding PG-18-5 Standard.
- G. Determination of the number of imaging and scanning rooms, the directly workload driven rooms, for a project is based on answers to the projected workload IDSs, please refer to item R below for the calculation methodology.
- H. Imaging Services modality Workload Projections for a specific VA Medical Center project are provided by the VHA Support Service Center (VSSC) or VA Central Office (VACO). The modality workload projections are generated by methodology based upon the expected veteran population in the respective market / service area.
- I. The modality projected workload is divided by the calculated annual room throughput (refer to Table 1) to determine the number of modality imaging /



- scanning rooms required. Assignment of Class 1 or Class 2 to the resulting number of modality imaging / scanning rooms is determined by the Facility Procedure Complexity designation (refer to Table 2).
- J. Determination of the number and NSF of most of the Reception, Clinical Support and Support rooms, the indirectly workload driven rooms, is based on assigned ratios correlating directly and indirectly workload driven rooms as detailed in the SPCM document. Additionally, some rooms are generated by answers to Mission or Staffing.
 - K. Rooms in FA 2 Reception Area and FA 12 Support Area will generate if the total number combined imaging / scanning rooms in a project is between 1 and 40 except for Low-energy Isotope “hot” patient Waiting which correlates to the number of SPECT / Thyroid scanning rooms only.
 - L. Clinical Patient Care rooms in FAs 3 through 11, will generate based on the ranges for each corresponding modality detailed in C, I and J above.
 - M. Some office space as well as workrooms in FA 12 Staff and Administrative Area will generate based on answers to the staffing IDSs; the rest of the office spaces, workrooms, conference rooms, toilets, and showers will generate via ratios to the 1 – 40 imaging / scanning room range.
 - N. The Room Codes included in this chapter stem from the VA Room Family. A unique support space is assigned a unique Room Code and adopts the square footage, as needed, correlated to the room contents assigned which in turn corresponds to the imaging / scanning 1 to 40 range for those rooms in FAs 3 to 11. A unique clinical space or a direct clinical support room, i.e. control room, system components room, etc. typically does not feature variable NSF. Patient Care room names for rooms unique to this chapter end in “, Imgng Svcs”. Patient Care Support room names end in “, Bldg Sprt”, “Clncl Sprt”, “Stff Sprt”, or “, Vet Sprt”, correlating to Building, Clinical, Staff or Veteran Support room families.
 - O. Section 5, sub-section O lists the SEPS Importer Shortcuts used during Sections 4 & 5 implementation in SEPS. These shortcuts are inserted into the Room Criteria Statement (RCS) for each room which upon upload into the Space and Equipment Planning System (SEPS) allows planners developing VA healthcare projects determine quantity and square footage of each room by performing mathematical or logical calculations. Shortcuts can refer Input Data Statements (IDSs), Rooms or calculation parameters stemming from the SPCM.
 - P. Refer to PG-18-5: Imaging Services Equipment Guidelist for the Room Content assignment for each room included in this document.
 - Q. Refer to PG-18-12: Imaging Services Design Guide for additional planning and design information and for Room Guideplates for selected rooms in this document.



- R. The following Sections in this document have been implemented and tested in the Space and Equipment Planning System (SEPS):
 - 1. Section 4: Input Data Statements,
 - 2. Section 5: Space Planning Criteria
- S. SEPS is accessible to government healthcare planners and private sector consultants working on VA HC projects during their Period of Performance (PoP) through the MAX.gov website; government provided Training is a requisite for access.
- T. Planners developing new footprint or renovation construction projects provide answers to the Input Data Statements (IDSs); based on this project-based information SEPS produces a Program for Design (PFD) by performing applicable calculations contained in the Room Criteria Statements (RCSs) for each room and generates the project Baseline Space Program (PFD) listing all the rooms to be included in the project with their respective quantity and their area in net square feet (NSF) organized by Functional Area, their total departmental gross area (DGSF) by multiplying the total NSF by the Department Net to Gross (DNTG) factor, and the project (building) total area (BGSF) by multiplying the DGSF by 1.35.
- U. Calculation of the workload-driven rooms is based on the following parameters:
 - 1. Operating days per year: 250
 - 2. Hours of Operation per day: 8
 - 3. Average length of modality encounter (ALoE) (in minutes): see Table 1
 - 4. Room Utilization: 85% of annual throughput

Workload driven room annual throughput calculation:

$$\begin{aligned} & \text{Operating days per year} \times \text{Hours of operation per day} \div (\text{ALoE} \div 60 \text{ minutes}) \\ & = \text{Annual Encounters} \end{aligned}$$

Example:

$$\begin{aligned} & 250 \text{ operating days per year} \times 8 \text{ hours of operation per day} \div (40 \div 60 \text{ minutes}) \\ & = 3,000 \end{aligned}$$

3,000 annual encounters in an imaging ÷ scanning room assuming 100% utilization.

$$3,000 \times 85\% = 2,550 \text{ annual capacity}$$

Then:

$$12,900 \text{ annual encounters} \div 2,550 = 5.05 \text{ Workload-Driven Rooms}$$

$$5 \times 2,550 = 12,750 \text{ annual encounters}$$

5 Workload-Driven Rooms provided



TABLE 1: SCANNING / IMAGING ROOM WORKLOAD PARAMETER CALCULATION

FA	IMAGING / SCANNING ROOM	AVERAGE	ANNUAL	ANNUAL
		LENGTH OF	ROOM	ROOM
		ENCOUNTER	THROUGHPUT	THROUGHPUT
		(ALoE)	(Encounters)	(Encounters)
		(Minutes)	100%	85%
	General Radiology Room	15	8,000	6,800
	Chest Imaging Room	15	8,000	6,800
FA 3	Radiology / Fluoroscopy (RF) Room	30	4,000	3,400
	Multipurpose Radiology / Fluoroscopy (RF) Room	60	2,000	1,700
	Prone Breast Imaging Room	60	2,000	1,700
FA 4	Standing Breast Imaging Room	30	4,000	3,400
	ABUS Scanning Room	30	4,000	3,400
FA 5	Ultrasound Room	30	4,000	3,400
FA 6	Bone Densitometry Room	30	4,000	3,400
FA 7	CT Scanning Room	30	4,000	3,400
FA 8	MRI Scanning Room	45	2,500	2,125
	Nuclear Medicine Scanning Room	45	2,500	2,125
FA 9	SPECT/CT Scanning Room	45	2,500	2,125
	Thyroid Probe Scanning Room	30	4,000	3,400
FA 10	PET/CT Scanning Room	45	2,500	2,125
FA 11	PET/MRI Scanning Room	60	2,000	1,700



TABLE 2: MODALITY CLASS 1 / CLASS 2 IMAGING / SCANNING ROOM PROVISION BY FACILITY PROCEDURE COMPLEXITY LEVEL (FPCL)

MODALITY	FPCL 1a	FPCL 1b	FPCL 1c	FPCL 2	FPCL 3
Class 1 Radiology Room	no	no	no	yes	yes
Class 2 Radiology Room	yes	yes	yes	if ICU or ED provided or if authorized	if authorized
Chest Imaging Room	yes	yes	yes	if authorized	if authorized
Class 1 Radiology / Fluoroscopy (RF) Room	no	no	no	yes	yes
Class 2 Radiology / Fluoroscopy (RF) Room	yes	yes	yes	if ICU or ED provided or if authorized	if authorized
Class 2 Multipurpose Radiology / Fluoroscopy (RF) Room	yes	yes	yes	yes	if authorized
Class 2 Prone Breast Imaging Room	yes	yes	yes	if authorized	if authorized
Class 2 Standing Breast Imaging Room	yes	yes	yes	if performing biopsies	if authorized
ABUS Scanning Room	yes	yes	yes	if authorized	if authorized
Class 1 Ultrasound Room	no	no	no	yes	yes
Class 2 Ultrasound Room	yes	yes	yes	if ICU or ED provided or if authorized	if authorized
Bone Densitometry Room	yes	yes	yes	yes	yes
Class 1 CT Scanning Room	no	no	no	yes	yes
Class 2 CT Scanning Room	yes	yes	yes	if ICU or ED provided or if authorized	if authorized
Class 1 MRI Scanning Room	no	no	no	yes	yes
Class 2 MRI Scanning Room	yes	yes	yes	if ICU or ED provided or if authorized	if authorized
Class 1 Nuclear Medicine Scanning Room	yes	yes	yes	if authorized	if authorized
Class 1 SPECT/CT Scanning Room	no	no	no	yes	yes
Class 2 SPECT/CT Scanning Room	yes	yes	yes	if ICU or ED provided or if authorized	if authorized
Thyroid Probe Scanning Room	yes	yes	yes	if authorized	if authorized
Class 1 PET/CT Scanning Room	no	no	no	yes	yes
Class 2 PET/CT Scanning Room	yes	yes	yes	if ICU or ED provided or if authorized	if authorized
Class 1 PET/MRI Scanning Room	no	no	no	yes	yes
Class 2 PET/MRI Scanning Room	yes	yes	yes	if ICU or ED provided or if authorized	if authorized



4 INPUT DATA STATEMENTS (IDS)

- 1 What is the Facility Procedure Complexity Designation? (M)
- 2 Does Facility provide Intensive Care (ICU) or Emergency (ED) Services? (M)
- 3 Is Class 2 Radiology authorized? (M)
- 4 Is Class 2 Radiology / Fluoroscopy (R/F) authorized? (M)
- 5 Is Class 2 Multipurpose Radiology / Fluoroscopy (R/F) authorized? (M)
- 6 Is Chest Imaging authorized for Facility Procedure Complexity Level 2 or 3? (M)
- 7 Is Class 2 Prone Breast Imaging authorized for Facility Procedure Complexity Level 2 or 3? (M)
- 8 Is facility authorized to perform breast biopsies? (M)
- 9 Is ABUS Scanning authorized for Facility Procedure Complexity Level 2 or 3? (M)
- 10 Is Class 2 Ultrasound authorized? (M)
- 11 Is Class 2 CT authorized? (M)
- 12 Is Class 2 MRI authorized? (M)
- 13 Is Class 1 Nuclear Medicine Scanning authorized for Facility Procedure Complexity Level 2 or 3? (M)
- 14 Is Class 2 SPECT/CT authorized? (M)
- 15 Is Class 2 PET/CT authorized? (M)
- 16 Is Thyroid Probe Scanning authorized for Facility Procedure Complexity Level 2 or 3? (M)
- 17 Is Class 2 PET/MRI authorized? (M)
- 18 Is Tele-Radiology authorized? (M)
- 19 Is an additional On-Call Bedroom authorized? (M)
- 20 How many annual General Radiographic procedures are projected? (W)
- 21 How many annual Chest procedures are projected? (W)
- 22 How many annual Radiographic / Fluoroscopic (RF) procedures are projected? (W)
- 23 How many annual Multipurpose Radiographic / Fluoroscopic (RF) procedures are projected? (W)
- 24 How many annual Prone Breast imaging procedures are projected? (W)
- 25 How many annual Standing Breast imaging procedures are projected? (W)
- 26 How many annual ABUS procedures are projected? (W)
- 27 How many annual Ultrasound procedures are projected? (W)
- 28 How many annual Bone Densitometry procedures are projected? (W)
- 29 How many annual CT procedures are projected? (W)
- 30 How many annual MRI procedures are projected? (W)
- 31 How many annual Nuclear Medicine procedures are projected? (W)
- 32 How many annual SPECT/CT procedures are projected? (W)
- 33 How many annual Thyroid Probe procedures are projected? (W)
- 34 How many annual PET/CT procedures are projected? (W)
- 35 How many annual PET/MRI procedures are projected? (W)
- 36 How many Radiology Service Assistant Chief FTE positions are authorized? (S)
- 37 How many Radiology Service Administrative Officer (AO) FTE positions are authorized? (S)



- 38 How many Chief Technologist FTE positions are authorized? (S)
- 39 How many Imaging Physician FTE positions are authorized? (S)
- 40 How many Fellow FTE positions are authorized? (S)
- 41 How many Resident FTE positions are authorized? (S)
- 42 How many Student FTE positions are authorized? (S)
- 43 Is an additional Data Processing workstation authorized? (Misc)
- 44 Is an additional Administrative Assistant workstation authorized? (Misc)
- 45 Is an additional Secretary workstation authorized? (Misc)
- 46 Is an additional PACS 3D workstation authorized? (Misc)
- 47 Is an additional Professional Non-Physician workstation authorized? (Misc)
- 48 Is an additional Physicist workstation authorized? (Misc)
- 49 Is an additional Quality Assurance workstation authorized? (Misc)

5 SPACE PLANNING CRITERIA

A. FA 1: IMAGING & SCANNING ROOM CALCULATION

- 1. Number of General Radiology Imaging Rooms, Clncl Sprt (SC111) 0 NSF (0 NSM)**
 - a. Provide one if [projected annual General Radiographic procedures] is between 1,020 and 6,800
 - b. Provide two if [projected annual General Radiographic procedures] is between 6,801 and 13,600
 - c. Provide three if [projected annual General Radiographic procedures] is between 13,601 and 20,400
 - d. Provide four if [projected annual General Radiographic procedures] is between 20,401 and 27,200
 - e. Provide five if [projected annual General Radiographic procedures] is between 27,201 and 34,000
 - f. Provide six if [projected annual General Radiographic procedures] is between 34,001 and 40,800
 - g. Provide seven if [projected annual General Radiographic procedures] is between 40,801 and 47,600
 - h. Provide eight if [projected annual General Radiographic procedures] is between 47,601 and 54,400
- 2. Number of Chest Imaging Rooms, Clncl Sprt (SC112) 0 NSF (0 NSM)**
 - a. Provide one if [projected annual Chest procedures] is between 1,020 and 6,800
 - b. Provide two if [projected annual Chest procedures] is between 6,801 and 13,600
- 3. Number of R/F Imaging Rooms, Clncl Sprt (SC113) 0 NSF (0 NSM)**
 - a. Provide one if [projected annual Radiographic / Fluoroscopic (R/F) procedures] is between 510 and 3,400



- b. Provide two if [projected annual Radiographic / Fluoroscopic (R/F) procedures] is between 3,401 and 6,800*
- 4. Number of Multipurpose R/F Imaging Rooms, Clncl Sprt (SC114) 0 NSF (0 NSM)**
 - a. Provide one if [projected annual Multipurpose Radiographic / Fluoroscopic (R/F) procedures] is between 255 and 1,700*
 - b. Provide two if [projected annual Multipurpose Radiographic / Fluoroscopic (R/F) procedures] is between 1,701 and 3,400*
- 5. Number of Prone Breast Imaging Rooms, Clncl Sprt (SC115)..... 0 NSF (0 NSM)**
 - a. Provide one if [projected annual Prone Breast imaging procedures] is between 255 and 1,700*
- 6. Number of Standing Breast Imaging Rooms, Clncl Sprt (SC116) 0 NSF (0 NSM)**
 - a. Provide one if [projected annual Standing Breast imaging procedures] is between 510 and 3,400*
 - b. Provide two if [projected annual Standing Breast imaging procedures] is between 3,401 and 6,800*
- 7. Number of ABUS Scanning Rooms, Clncl Sprt (SC117) 0 NSF (0 NSM)**
 - a. Provide one if [projected annual ABUS procedures] is between 510 and 3,400*
- 8. Number of Ultrasound Scanning Rooms, Clncl Sprt (SC118)..... 0 NSF (0 NSM)**
 - a. Provide one if [projected annual Ultrasound procedures] is between 510 and 3,400*
 - b. Provide two if [projected annual Ultrasound procedures] is between 3,401 and 6,800*
 - c. Provide three if [projected annual Ultrasound procedures] is between 6,801 and 10,200*
 - d. Provide four if [projected annual Ultrasound procedures] is between 10,201 and 13,600*
 - e. Provide five if [projected annual Ultrasound procedures] is between 13,601 and 17,000*
 - f. Provide six if [projected annual Ultrasound procedures] is between 17,001 and 20,400*
- 9. Number of Bone Densitometry Scanning Rooms, Clncl Sprt (SC119) 0 NSF (0 NSM)**
 - a. Provide one if [projected annual Bone Densitometry procedures] is between 510 and 3,400*



- 10. Number of CT Scanning Rooms, Clncl Sprt (SC121) 0 NSF (0 NSM)**
- a. Provide one if [projected annual CT procedures] is between 510 and 3,400
 - b. Provide two if [projected annual CT procedures] is between 3,401 and 6,800
 - c. Provide three if [projected annual CT procedures] is between 6,801 and 10,200
 - d. Provide four if [projected annual CT procedures] is between 10,201 and 13,600
 - e. Provide five if [projected annual CT procedures] is between 13,601 and 17,000
- 11. Number of MRI Scanning Rooms, Clncl Sprt (SC122)..... 0 NSF (0 NSM)**
- a. Provide one if [projected annual MRI procedures] is between 319 and 2,125
 - b. Provide two if [projected annual MRI procedures] is between 2,126 and 4,250
 - c. Provide three if [projected annual MRI procedures] is between 4,251 and 6,375
 - d. Provide four if [projected annual MRI procedures] is between 6,376 and 8,500
- 12. Number of Nuclear Medicine Scanning Rooms, Clncl Sprt (SC123) 0 NSF (0 NSM)**
- a. Provide one if [projected annual Nuclear Medicine procedures] is between 319 and 2,125
- 13. Number of SPECT/CT Scanning Rooms, Clncl Sprt (SC124) 0 NSF (0 NSM)**
- a. Provide one if [projected annual SPECT/CT procedures] is between 319 and 2,125
 - b. Provide two if [projected annual SPECT/CT procedures] is between 2,126 and 4,250
 - c. Provide three if [projected annual SPECT/CT procedures] is between 4,251 and 6,375
 - d. Provide four if [projected annual SPECT/CT procedures] is between 6,376 and 8,500
- 14. Number of Thyroid Probe Scanning Rooms, Clncl Sprt (SC125) 0 NSF (0 NSM)**
- a. Provide one if [projected annual Thyroid Probe procedures] is between 510 and 3,400
- 15. Number of PET/CT Scanning Rooms, Clncl Sprt (SC126)..... 0 NSF (0 NSM)**
- a. Provide one if [projected annual PET/CT procedures] is between 319 and 2,125
 - b. Provide two if [projected annual PET/CT procedures] is between 2,126 and 4,250
- 16. Number of PET/MRI Scanning Rooms, Clncl Sprt (SC127) 0 NSF (0 NSM)**
- a. Provide one if [projected annual PET/MRI procedures] is between 255 and 1,700



B. FA 2: IMAGING SERVICES RECEPTION AREA

1. Imgng Svcs General Waiting, Bldg Sprt (SB003)80 NSF (7.5 NSM)

- a. Provide one if [imaging / scanning room(s) - all modalities] is 1
- b. Provide one at 100 NSF if [imaging / scanning room(s) - all modalities] is 2
- c. Provide one at 130 NSF if [imaging / scanning room(s) - all modalities] is 3
- d. Provide one at 170 NSF if [imaging / scanning room(s) - all modalities] is 4
- e. Provide one at 215 NSF if [imaging / scanning room(s) - all modalities] is 5
- f. Provide one at 260 NSF if [imaging / scanning room(s) - all modalities] is 6
- g. Provide one at 290 NSF if [imaging / scanning room(s) - all modalities] is 7
- h. Provide one at 330 NSF if [imaging / scanning room(s) - all modalities] is 8
- i. Provide one at 370 NSF if [imaging / scanning room(s) - all modalities] is 9
- j. Provide one at 415 NSF if [imaging / scanning room(s) - all modalities] is 10
- k. Provide one at 465 NSF if [imaging / scanning room(s) - all modalities] is 11
- l. Provide one at 520 NSF if [imaging / scanning room(s) - all modalities] is 12
- m. Provide one at 530 NSF if [imaging / scanning room(s) - all modalities] is 13
- n. Provide one at 540 NSF if [imaging / scanning room(s) - all modalities] is 14
- o. Provide one at 575 NSF if [imaging / scanning room(s) - all modalities] is 15
- p. Provide one at 615 NSF if [imaging / scanning room(s) - all modalities] is 16
- q. Provide one at 640 NSF if [imaging / scanning room(s) - all modalities] is 17
- r. Provide one at 675 NSF if [imaging / scanning room(s) - all modalities] is 18
- s. Provide one at 695 NSF if [imaging / scanning room(s) - all modalities] is 19
- t. Provide one at 720 NSF if [imaging / scanning room(s) - all modalities] is 20
- u. Provide one at 880 NSF if [imaging / scanning room(s) - all modalities] is 21
- v. Provide one at 930 NSF if [imaging / scanning room(s) - all modalities] is 22
- w. Provide one at 980 NSF if [imaging / scanning room(s) - all modalities] is 23
- x. Provide one at 1,040 NSF if [imaging / scanning room(s) - all modalities] is 24
- y. Provide one at 1,050 NSF if [imaging / scanning room(s) - all modalities] is 25
- z. Provide one at 1,060 NSF if [imaging / scanning room(s) - all modalities] is 26
- aa. Provide one at 1,070 NSF if [imaging / scanning room(s) - all modalities] is 27
- bb. Provide one at 1,080 NSF if [imaging / scanning room(s) - all modalities] is 28
- cc. Provide one at 1,110 NSF if [imaging / scanning room(s) - all modalities] is 29
- dd. Provide one at 1,150 NSF if [imaging / scanning room(s) - all modalities] is 30
- ee. Provide one at 1,190 NSF if [imaging / scanning room(s) - all modalities] is 31
- ff. Provide one at 1,230 NSF if [imaging / scanning room(s) - all modalities] is 32
- gg. Provide one at 1,250 NSF if [imaging / scanning room(s) - all modalities] is 33
- hh. Provide one at 1,280 NSF if [imaging / scanning room(s) - all modalities] is 34
- ii. Provide one at 1,320 NSF if [imaging / scanning room(s) - all modalities] is 35
- jj. Provide one at 1,350 NSF if [imaging / scanning room(s) - all modalities] is 36
- kk. Provide one at 1,360 NSF if [imaging / scanning room(s) - all modalities] is 37
- ll. Provide one at 1,390 NSF if [imaging / scanning room(s) - all modalities] is 38
- mm. Provide one at 1,410 NSF if [imaging / scanning room(s) - all modalities] is 39
- nn. Provide one at 1,440 NSF if [imaging / scanning room(s) - all modalities] is 40



Allocated space accommodates standard chairs, bariatric chairs, accessible spaces, and circulation per Table 3.

TABLE 3a: GENERAL WAITING SPACE ALLOCATION

NSF	Stndr Chair	Brtrc Chair	Accssble Space	Total People
80	1	1	1	3
100	2	1	1	4
130	4	1	1	6
170	6	1	1	8
215	8	1	1	10
260	10	1	1	12
290	12	1	1	14
330	12	2	2	16
370	14	2	2	18
415	16	2	2	20
465	18	2	2	22
520	20	2	2	24
530	20	3	3	26
540	22	3	3	28
575	24	3	3	30
615	26	3	3	32
640	28	3	3	34
675	28	4	4	36
695	30	4	4	38
720	32	4	4	40

TABLE 3b: GENERAL WAITING SPACE ALLOCATION

NSF	Stndr Chair	Brtrc Chair	Accssble Space	Total People
880	34	4	4	42
930	36	4	4	44
980	38	4	4	46
1,040	40	4	4	48
1,050	38	6	6	50
1,060	40	6	6	52
1,070	42	6	6	54
1,080	44	6	6	56
1,110	46	6	6	58
1,150	48	6	6	60
1,190	50	6	6	62
1,230	52	6	6	64
1,250	54	6	6	66
1,280	56	6	6	68
1,320	54	4	4	62
1,350	56	4	4	64
1,360	58	4	4	66
1,390	60	4	4	68
1,410	62	4	4	70
1,440	64	4	4	72

2. Imgng Svcs Family Waiting, Bldg Sprt (SB051)125 NSF (11.7 NSM)

- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 16
- b. Provide one at 200 NSF if [imaging / scanning room(s) - all modalities] is between 17 and 32
- c. Provide one at 275 NSF if [imaging / scanning room(s) - all modalities] is between 33 and 40

Allocated space accommodates standard chairs, bariatric chairs, accessible spaces, and circulation per Table 4.



TABLE 4: FAMILY WAITING SPACE ALLOCATION

NSF	Stndrd Chair	Lounge Chair	2-seat Sofa	3-seat Sofa	Bariatric Chair	Accessible Space	Total People
125	0	1	1	0	0	1	4
200	0	1	1	1	0	1	7
225	2	1	0	1	1	1	8

3. Imgng Svcs Low-energy Isotope

"hot" Patient Waiting, Bldg Sprt (SB003)130 NSF (11.7 NSM)

- a. Provide one if [SPECT/CT and Thyroid Probe scanning room(s)] is 1 or 2
- b. Provide one at 170 NSF if [SPECT/CT and Thyroid Probe scanning room(s)] is 3 or 4

TABLE 5: GENERAL WAITING SPACE ALLOCATION

NSF	Stndrd Chair	Bariatric Chair	Accessible Space	Total People
100	2	1	1	4
170	6	1	1	8

4. Imgng Svcs Reception, Cncl Sprt (SC183)85 NSF (7.9 NSM)

- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 4
- b. Provide one at 260 NSF if [imaging / scanning room(s) - all modalities] is between 5 and 24
- c. Provide one at 385 NSF if [imaging / scanning room(s) - all modalities] is between 25 and 40

Allocated space accommodates a. one Receptionist position; b. two Receptionist positions, and c. three Receptionist positions.

5. Imgng Svcs Patient Check-in Kiosk, Cncl Sprt (SC165)55 NSF (5.2 NSM)

- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 8
- b. Provide one at 105 NSF if [imaging / scanning room(s) - all modalities] is between 9 and 20
- c. Provide one at 160 NSF if [imaging / scanning room(s) - all modalities] is between 21 and 40

Allocated space accommodates a. two check-in kiosks and privacy space; b. four check-in kiosks and privacy space; c. six check-in kiosks and privacy space.



- 6. Imgnng Svcs Patient Interview Room, Clncl Sprt (SC174)120 NSF (11.2 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 8*
 - b. *Provide two if [imaging / scanning room(s) - all modalities] is between 9 and 24*
 - c. *Provide three if [imaging / scanning room(s) - all modalities] is between 25 and 40*
- 7. Imgnng Svcs Patient Education Kiosk, Clncl Sprt (SC170)60 NSF (5.6 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 8*
 - b. *Provide two if [imaging / scanning room(s) - all modalities] is between 9 and 24*
 - c. *Provide three if [imaging / scanning room(s) - all modalities] is between 25 and 40*
- 8. Imgnng Svcs Public Toilet, Bldg Sprt (SB191)60 NSF (5.6 NSM)**
 - a. *Provide two if [imaging / scanning room(s) - all modalities] is between 1 and 20*
 - b. *Provide four if [imaging / scanning room(s) - all modalities] is between 21 and 40*

Allocated space accommodates one accessible toilet, one wall-hung lavatory, ABA clearances, and circulation.

C. FA 3: GENERAL RADIOLOGY AREA

- 1. General Radiology Patient Holding Bay, Clncl Sprt (SC291) ...120 NSF (11.2 NSM)**
 - a. *Provide one if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 1 and 2*
 - b. *Provide two if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 3 and 4*
 - c. *Provide three if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 5 and 6*
 - d. *Provide four if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 7 and 8*
 - e. *Provide five if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 9 and 10*
 - f. *Provide six if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 11 and 12*
 - g. *Provide seven if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 13 and 14*



- 2. General Radiology Nurse Station, Clncl Sprt (SC152)60 NSF (5.6 NSM)**
 - a. *Provide one if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 1 and 8*
 - b. *Provide two if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 9 and 14*

- 3. General Radiology Patient Toilet, Bldg Sprt (SB201)60 NSF (5.6 NSM)**
 - a. *Provide one per each [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)]*

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

- 4. General Radiology R/F Patient Toilet, Bldg Sprt (SB201).....60 NSF (5.6 NSM)**
 - a. *Provide one if [R/F imaging room(s)] is between 1 and 2*

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

- 5. General Radiology Patient Dressing Room, Bldg Sprt (SB138)...60 NSF (5.6 NSM)**
 - a. *Provide one per each [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)]*

- 6. General Radiology Patient Personal Property Locker Alcove, Bldg Sprt (SB139).....20 NSF (1.9 NSM)**
 - a. *Provide one if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 1 and 4*
 - b. *Provide two if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 5 and 8*
 - c. *Provide three if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 9 and 12*
 - d. *Provide four if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is between 13 and 14*



- 7. General Radiology Patient Waiting Alcove, Bldg Sprt (SB001).....60 NSF (5.6 NSM)**
- a. Provide one if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 1 and 2
 - b. Provide two if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 3 and 4
 - c. Provide three if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 5 and 6
 - d. Provide four if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 7 and 8
 - e. Provide five if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 9 and 10
 - f. Provide six if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 11 and 12
 - g. Provide seven if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 13 and 14

Gowned patient waiting. Allocated space accommodates one standard chair @ 9 NSF, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total three people.

- 8. Class 1 Radiology Imaging Room, Imgng Svcs (CI011)325 NSF (30.2 NSM)**
- a. Provide one per each [Radiology imaging room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3)
- 9. Class 1 Radiology Control Alcove, Imgng Svcs (CI012)75 NSF (7.0 NSM)**
- a. Provide one per each [Class 1 Radiology imaging room(s)]
- 10. Class 1 Radiology System Component Room, Imgng Svcs (CI013)20 NSF (1.9 NSM)**
- a. Provide one per each [Class 1 Radiology imaging room(s)]
- 11. Class 1 Radiology Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI014)20 NSF (1.9 NSM)**
- a. Provide one if [Class 1 Radiology imaging room(s)] is between 1 and 8

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.



- 12. Class 2 Radiology Imaging Room, Imgng Svcs (CI016)350 NSF (32.6 NSM)**
- a. *Provide one per each [Radiology imaging room(s) generated] if [Facility Procedure Complexity Designation] is 1*
 - b. *Provide one per each [Radiology imaging room(s) generated] if ([Facility Procedure Complexity Designation] is 2 and ([ICU or ED] or [Class 2 Radiology authorized]) is Yes)*
 - c. *Provide one per each [Radiology imaging room(s) generated] if ([Facility Procedure Complexity Designation] is 3 and [Class 2 Radiology authorized] is Yes)*
- 13. Class 2 Radiology Control Room, Imgng Svcs (CI017)75 NSF (7.0 NSM)**
- a. *Provide one per each [Class 2 Radiology imaging room(s)]*
- 14. Class 2 Radiology System Component Alcove, Imgng Svcs (CI018)20 NSF (1.9 NSM)**
- a. *Provide one per each [Class 2 Radiology imaging room(s)]*
- 15. Class 2 Radiology Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI019)20 NSF (1.9 NSM)**
- a. *Provide one if [Class 2 Radiology imaging room(s)] is between 1 and 2*
 - b. *Provide two if [Class 2 Radiology imaging room(s)] is between 3 and 4*
 - c. *Provide three if [Class 2 Radiology imaging room(s)] is between 5 and 6*
 - d. *Provide four if [Class 2 Radiology imaging room(s)] is between 7 and 8*
- With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.
- 16. Chest Imaging Room, Imgng Svcs (CI021)200 NSF (18.6 NSM)**
- a. *Provide one per each [Chest imaging room(s) generated] if [Facility Procedure Complexity Designation] is 1*
 - b. *Provide one per each [Chest imaging room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3) and [Chest Imaging authorized] is Yes*
- 17. Chest Imaging Control Alcove, Imgng Svcs (CI022).....50 NSF (4.7 NSM)**
- a. *Provide one per each [Chest imaging room(s)]*
- 18. Chest Imaging System Component Alcove, Imgng Svcs (CI023)20 NSF (1.9 NSM)**
- a. *Provide one per each [Chest imaging room(s)]*



- 19. Chest Imaging Automated Supply Dispenser Unit (ASDU) Alcove
Imngng Svcs (CI024)20 NSF (1.9 NSM)**
a. Provide one if [Chest imaging room(s)] is 1 or 2

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

- 20. Class 1 R/F Patient Toilet / Dressing Room, Bldg Sprt (SB204) ..70 NSF (6.6 NSM)**
a. Provide one per each [Class 1 R/F imaging room(s)]

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, one bench, ABA clearances, and circulation.

- 21. Class 1 R/F Imaging Room, Imngng Svcs(CI031)415 NSF (38.6 NSM)**
a. Provide one per each [R/F imaging room(s) generated] if [[Facility Procedure Complexity Designation] is 2 or 3]

- 22. Class 1 R/F Control Room, Imngng Svcs(CI032).....105 NSF (9.8 NSM)**
a. Provide one per each [Class 1 R/F imaging room(s)]

- 23. Class 1 R/F System Component Room, Imngng Svcs(CI033)45 NSF (4.2 NSM)**
a. Provide one per each [Class 1 R/F imaging room(s)]

- 24. Class 1 R/F Automated Supply Dispenser Unit (ASDU) Alcove,
Imngng Svcs (CI034)20 NSF (1.9 NSM)**
a. Provide one if [Class 1 R/F imaging room(s)] is 1 or 2

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

- 25. Class 1 R/F Patient Toilet, Bldg Sprt (SB201).....60 NSF (5.6 NSM)**
a. Provide one per each [Class 1 R/F imaging room(s)]

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.



26. Class 2 R/F Patient Toilet / Dressing Room, Bldg Sprt (SB204).....70 NSF (6.6 NSM)

- a. *Provide one per each [Class 2 R/F imaging room(s)]*

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, one bench, ABA clearances, and circulation.

27. Class 2 R/F Imaging Room, Imgng Svcs (CI036)435 NSF (40.5 NSM)

- a. *Provide one per each [R/F imaging room(s) generated] if [Facility Procedure Complexity Designation] is 1*
- b. *Provide one per each [R/F imaging room(s) generated] if ([Facility Procedure Complexity Designation] is 2 and ([ICU or ED] or [Class 2 Radiology / Fluoroscopy (R/F) authorized]) is Yes)*
- c. *Provide one per each [R/F imaging room(s) generated] if ([Facility Procedure Complexity Designation] is 3 and [Class 2 Radiology / Fluoroscopy (R/F) authorized] is Yes)*

28. Class 2 R/F Control Room, Imgng Svcs (CI037).....105 NSF (9.8 NSM)

- a. *Provide one per each [Class 2 R/F imaging room(s)]*

29. Class 2 R/F System Component Room, Imgng Svcs (CI038)45 NSF (4.2 NSM)

- a. *Provide one per each [Class 2 R/F imaging room(s)]*

30. Class 2 R/F Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI039)20 NSF (1.9 NSM)

- a. *Provide one per each [Class 2 R/F imaging room(s)]*

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

31. Class 2 R/F Patient Toilet, Bldg Sprt (SB201).....60 NSF (5.6 NSM)

- a. *Provide one per each [Class 2 R/F imaging room(s)]*

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

32. Class 2 Multipurpose R/F Patient Toilet / Dressing Room, Bldg Sprt (SB204).....70 NSF (6.6 NSM)

- a. *Provide one per each [Class 2 Multipurpose Radiology / Fluoroscopy (RF) imaging room(s)]*

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, one bench, ABA clearances, and circulation.



- 33. Class 2 Multipurpose R/F Imaging Room, Imgnng Svcs (CI041)490 NSF (45.6 NSM)**
a. *Provide one per each [Multipurpose Radiology / Fluoroscopy imaging room(s) generated] if ([Facility Procedure Complexity Designation] is 1 or [Facility Procedure Complexity Designation] is 2)*
b. *Provide one per each [Multipurpose Radiology / Fluoroscopy imaging room(s) generated] if ([Facility Procedure Complexity Designation] is 3 and [Class 2 Radiology / Fluoroscopy (R/F) authorized] is Yes)*
- 34. Class 2 Multipurpose R/F Control Room, Imgnng Svcs (CI042)110 NSF (10.3 NSM)**
a. *Provide one per each [Class 2 Multipurpose Radiology / Fluoroscopy (RF) imaging room(s)]*
- 35. Class 2 Multipurpose R/F System Component Room, Imgnng Svcs (CI043)60 NSF (5.6 NSM)**
a. *Provide one per each [Class 2 Multipurpose Radiology / Fluoroscopy (RF) imaging room(s)]*
- 36. Class 2 Multipurpose R/F Automated Supply Dispenser Unit (ASDU) Alcove, Imgnng Svcs (CI045)20 NSF (1.9 NSM)**
a. *Provide one per each [Class 2 Multipurpose Radiology / Fluoroscopy (RF) imaging room(s)]*

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

- 37. General Radiology Mobile C-Arm Alcove, Clncl Sprt (SC087).....20 NSF (1.9 NSM)**
a. *Provide one if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 1 or 2*



38. General Radiology Team Room, Clncl Sprt (SC243)120 NSF (11.2 NSM)

- a. Provide one if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 1 or 2
- b. Provide two if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 3 or 4
- c. Provide three if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 5 or 6
- d. Provide four if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 7 or 8
- e. Provide five if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 9 or 10
- f. Provide six if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 11 or 12
- g. Provide seven if [General Radiology, Chest, R/F, and Multipurpose imaging Room(s)] is 13 or 14

Allocated space accommodates two workstations.

D. FA 4: BREAST IMAGING AREA

1. Breast Imaging Patient Holding Bay, Clncl Sprt (SC291)120 NSF (11.2 NSM)

- a. Provide one if [Breast imaging room(s)] is between 1 and 2
- b. Provide two if [Breast imaging room(s)] is between 3 and 4

2. Breast Imaging Nurse Station, Clncl Sprt (SC152).....60 NSF (5.6 NSM)

- a. Provide one if [Breast imaging room(s)] is between 1 and 4

3. Breast Imaging Patient Toilet, Bldg Sprt (SB201)60 NSF (5.6 NSM)

- a. Provide one if [Breast imaging room(s)] is between 1 and 2
- b. Provide two if [Breast imaging room(s)] is between 3 and 4

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

4. Breast Imaging Patient Waiting Alcove, Bldg Sprt (SB001)60 NSF (5.6 NSM)

- a. Provide one if [Breast imaging room(s)] is between 1 and 2
- b. Provide two if [Breast imaging room(s)] is between 3 and 4

Gowned patient waiting. Allocated space accommodates one standard chair @ 9 NSF, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total three people.

5. Breast Imaging Consult Room, Clncl Sprt (SC271)120 NSF (11.2 NSM)

- a. Provide one if [Breast imaging room(s)] is between 1 and 4

Mammography practices performing only screening procedures may not require a consultation room. Most Breast Imaging services will require only one consultation room regardless of size. Breast Health Centers where Imaging is combined with Genetic Counseling and patient education may require additional



consultation/education rooms. Consult with NRPO Mammography Director early in the planning process.

6. Class 2 Prone Breast Imaging Patient Dressing Room, Bldg Sprt (SB138).....65 NSF (6.1 NSM)

a. Provide one per each [Class 2 Prone imaging room(s)]

Allocated NSF accommodates one side chair, one linen hamper, one bench, one F/S 5 shelf cabinet and circulation.

7. Class 2 Prone Breast Imaging Room, Imgng Svcs (CI053).....300 NSF (27.9 NSM)

a. Provide one per each [Prone Breast imaging room(s) generated] if [Facility Procedure Complexity Designation] is 1

b. Provide one per each [Prone Breast imaging room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3) and [Class 2 Prone Breast Imaging authorized] is Yes

8. Class 2 Prone Breast Imaging Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI054)20 NSF (1.9 NSM)

a. Provide one per each [Class 2 Prone imaging room(s)]

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

9. Class 2 Standing Breast Imaging Patient Dressing Room, Bldg Sprt (SB138).....65 NSF (6.1 NSM)

a. Provide two per each [Class 2 Standing imaging room(s)]

Allocated NSF accommodates one side chair w/arms, one linen hamper, one cabinet / wardrobe and circulation.

10. Class 2 Standing Breast Imaging Room, Imgng Svcs (CI056)290 NSF (27.0 NSM)

a. Provide one per each [Standing Breast imaging room(s) generated] if [Facility Procedure Complexity Designation] is 1

b. Provide one per each [Standing Breast imaging room(s) generated] if ([Facility Procedure Complexity Designation] is 2 and [facility authorized to perform breast biopsies] is Yes)



- 11. Class 2 Standing Breast Imaging System Component Alcove, Imgng Svcs (CI057)20 NSF (1.9 NSM)**
a. Provide one per each [Class 2 Standing imaging room(s)]

- 12. Class 2 Standing Breast Imaging Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI058)20 NSF (1.9 NSM)**
a. Provide one if [Class 2 Standing imaging room(s)] is 1 or 2

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

- 13. ABUS Patient Dressing Room, Bldg Sprt (SB138)65 NSF (6.1 NSM)**
a. Provide one per each [ABUS scanning room(s)]

Allocated NSF accommodates one side chair w/arms, one tall cabinet, one bench, one linen hamper and circulation.

- 14. ABUS Scanning Room, Imgng Svcs (CI067).....255 NSF (23.7 NSM)**
a. Provide one per each [ABUS scanning room(s) generated] if [Facility Procedure Complexity Designation] is 1
b. Provide one per each [ABUS scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3) and [ABUS Scanning authorized] is Yes

- 15. ABUS Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI068)20 NSF (1.9 NSM)**
a. Provide one if [ABUS scanning room(s)] is 1

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

- 16. Breast Imaging Team Room, CIncl Sprt (SC243)120 NSF (11.2 NSM)**
a. Provide one if [Breast imaging room(s)] is 1 or 2
b. Provide two if [Breast imaging room(s)] is 3 or 4

Allocated space accommodates two workstations.



- 17. Breast Imaging Quality Assurance, Imgng Svcs (CI059)80 NSF (7.5 NSM)**
 - a. Provide one if [Breast imaging room(s)] is 1 or 2*
 - b. Provide two if [Breast imaging room(s)] is 3 or 4*

E. FA 5: ULTRASOUND AREA

- 1. Ultrasound Patient Holding Bay, Cncl Sprt (SC291)120 NSF (11.2 NSM)**
 - a. Provide one if [Ultrasound scanning room(s) generated] is 1 or 2*
 - b. Provide two if [Ultrasound scanning room(s) generated] is 3 or 4*
 - c. Provide three if [Ultrasound scanning room(s) generated] is 5 or 6*
 - d. Provide four if [Ultrasound scanning room(s) generated] is between 7 and 9*

- 2. Ultrasound Nurse Station, Cncl Sprt (SC152)60 NSF (5.6 NSM)**
 - a. Provide one if [Ultrasound scanning room(s) generated] is between 1 and 4*
 - b. Provide two if [Ultrasound scanning room(s) generated] is between 5 and 9*

- 3. Ultrasound Patient Toilet, Bldg Sprt (SB201)60 NSF (5.6 NSM)**
 - a. Provide one if [Ultrasound scanning room(s) generated] is between 1 and 4*
 - b. Provide two if [Ultrasound scanning room(s) generated] is between 5 and 9*

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

- 4. Ultrasound Patient Dressing Room, Bldg Sprt (SB138).....60 NSF (5.6 NSM)**
 - a. Provide one per each [Ultrasound scanning room(s) generated]*

- 5. Ultrasound Patient Personal Property Locker Alcove, Bldg Sprt (SB139).....20 NSF (1.9 NSM)**
 - a. Provide one if [Ultrasound scanning room(s) generated] is between 1 and 4*
 - b. Provide two if [Ultrasound scanning room(s) generated] is between 5 and 9*

- 6. Ultrasound Patient Waiting Alcove, Bldg Sprt (SB001).....60 NSF (5.6 NSM)**
 - a. Provide one if [Ultrasound scanning room(s) generated] is 1 or 2*
 - b. Provide two if [Ultrasound scanning room(s) generated] is 3 or 4*
 - c. Provide three if [Ultrasound scanning room(s) generated] is 5 or 6*
 - d. Provide four if [Ultrasound scanning room(s) generated] is between 7 and 9*

Gowned patient waiting. Allocated space accommodates one standard chair @ 9 NSF, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total three people.

- 7. Ultrasound Consult Room, Cncl Sprt (SC271).....120 NSF (11.2 NSM)**
 - a. Provide one if [Ultrasound scanning room(s) generated] is between 1 and 9*

- 8. Class 1 Ultrasound Patient Toilet Room, Bldg Sprt (SB201)60 NSF (5.6 NSM)**
 - a. Provide one per each [Class 1 US scanning room(s)]*

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.



- 9. Class 1 Ultrasound Scanning Room, Imgng Svcs (CI063).....255 NSF (23.7 NSM)**
a. Provide one per each [Ultrasound scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3)

- 10. Class 1 Ultrasound Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI064)20 NSF (1.9 NSM)**
a. Provide one if [Class 1 US scanning room(s)] is 1 or 2
b. Provide two if [Class 1 US scanning room(s)] is 3 or 4
c. Provide three if [Class 1 US scanning room(s)] is 5 or 6

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

- 11. Class 2 Ultrasound Patient Toilet, Bldg Sprt (SB201).....60 NSF (5.6 NSM)**
a. Provide one per each [Class 2 US scanning room(s)]

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

- 12. Class 2 Ultrasound Scanning Room, Imgng Svcs (CI065).....325 NSF (30.2 NSM)**
a. Provide one per each [Ultrasound scanning room(s) generated] if [Facility Procedure Complexity Designation] is 1
b. Provide one per each [Ultrasound scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 and ([ICU or ED] or [Class 2 Ultrasound authorized])) is Yes)
c. Provide one per each [Ultrasound scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 3 and [Class 2 Ultrasound authorized] is Yes)



- 13. Class 2 Ultrasound Automated Supply Dispenser Unit (ASDU) Alcove, Imgnng Svcs (CI066)20 NSF (1.9 NSM)**
- a. Provide one if [Class 2 US scanning room(s)] is 1 or 2
 - b. Provide two if [Class 2 US scanning room(s)] is 3 or 4
 - c. Provide three if [Class 2 US scanning room(s)] is 5 or 6

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

F. FA 6: BONE DENSITOMETRY AREA

- 1. Bone Densitometry Scanning Room, Imgnng Svcs (CI076)255 NSF (23.7 NSM)**
- a. Provide one per each [Bone Densitometry scanning room(s) generated]

G. FA 7: COMPUTED TOMOGRAPHY (CT) AREA

- 1. CT Patient Holding Bay, Clncl Sprt (SC291)120 NSF (11.2 NSM)**
- a. Provide one if [CT scanning room(s) generated] is between 1 and 3
 - b. Provide two if [CT scanning room(s) generated] is 4 or 5
- 2. CT Nurse Station, Clncl Sprt (SC152).....60 NSF (5.6 NSM)**
- a. Provide one if [CT scanning room(s) generated] is between 1 and 5
- 3. CT Patient Toilet, Bldg Sprt (SB201)60 NSF (5.6 NSM)**
- a. Provide one if [CT scanning room(s) generated] is between 1 and 3
 - b. Provide two if [CT scanning room(s) generated] is 4 or 5

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

- 4. CT Patient Dressing Room, Bldg Sprt (SB138)60 NSF (5.6 NSM)**
- a. Provide two if [CT scanning room(s) generated] is 1
 - b. Provide four if [CT scanning room(s) generated] is 2
 - c. Provide six if [CT scanning room(s) generated] is 3
 - d. Provide eight if [CT scanning room(s) generated] is 4
 - e. Provide ten if [CT scanning room(s) generated] is 5
- 5. CT Patient Personal Property Locker Alcove, Bldg Sprt (SB139).....20 NSF (1.9 NSM)**
- a. Provide one if [CT scanning room(s) generated] is between 1 and 5



- 6. CT Patient Waiting Alcove, Bldg Sprt (SB001)60 NSF (5.6 NSM)**
 - a. *Provide one if [CT scanning room(s) generated] is 1 or 2*
 - b. *Provide two if [CT scanning room(s) generated] is between 3 and 5*

Gowned patient waiting. Allocated space accommodates one standard chair @ 9 NSF, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total three people.
- 7. CT IV Start Room, Imgng Svcs (CI074).....120 NSF (11.2 NSM)**
 - a. *Provide one if [CT scanning room(s) generated] is 1 or 2*
 - b. *Provide two if [CT scanning room(s) generated] is between 3 and 5*

Allocated NSF accommodates one blood drawing chair, one mayo stand, solid surface counter w/SS single compartment sink, one infectious waste bad frame w/lid, two mobile sharps container and circulation.
- 8. Class 1 CT Scanning Room, Imgng Svcs (CI081)560 NSF (52.1 NSM)**
 - a. *Provide one per each [CT scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3)*
- 9. Class 1 CT Control Room, Imgng Svcs (CI082).....210 NSF (19.6 NSM)**
 - a. *Provide one per each [Class 1 CT scanning room(s)]*
- 10. Class 1 CT System Component Room, Imgng Svcs (CI083).....105 NSF (9.8 NSM)**
 - a. *Provide one per each [Class 1 CT scanning room(s)]*
- 11. Class 1 CT Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI084)20 NSF (1.9 NSM)**
 - a. *Provide one if [Class 1 CT scanning room(s)] is between 1 and 5*

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.
- 12. Class 2 CT Scanning Room, Imgng Svcs (CI086)600 NSF (55.8 NSM)**
 - a. *Provide one per each [CT scanning room(s) generated] if [Facility Procedure Complexity Designation] is 1*
 - b. *Provide one per each [CT scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 and ([ICU or ED] or [Class 2 CT authorized]) is Yes)*
 - c. *Provide one per each [CT scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 3 and [Class 2 CT authorized] is Yes)*
- 13. Class 2 CT Control Room, Imgng Svcs (CI087).....210 NSF (19.6 NSM)**
 - a. *Provide one per each [Class 2 CT scanning room(s)]*



- 14. Class 2 CT System Component Room, Imgng Svcs (CI088)105 NSF (9.8 NSM)**
a. Provide one per each [Class 2 CT scanning room(s)]

- 15. Class 2 CT Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI089)20 NSF (1.9 NSM)**
a. Provide one per each [Class 2 CT scanning room(s)]

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

- 16. CT Medication Preparation Room, Cncl Sprt (SC083)100 NSF (9.3 NSM)**
a. Provide one if [CT scanning room(s) generated] is between 1 and 5

Allocated NSF accommodates two automatic medication distribution systems, one mobile emergency cart, one step-on waste disposal, solid surface countertop w/SS single compartment sink, one refrigerator freezer and circulation.

- 17. CT Team Room, Cncl Sprt (SC243)120 NSF (11.2 NSM)**
a. Provide one if [CT scanning room(s) generated] is 1 or 2
b. Provide two if [CT scanning room(s) generated] is between 3 and 5

Allocated space accommodates two workstations.

H. FA 8: MAGNETIC RESONANCE IMAGING (MRI) AREA

- 1. MRI Patient Holding Bay, Cncl Sprt (SC291)120 NSF (11.2 NSM)**
a. Provide one if [MRI scanning room(s) generated] is 1 or 2
b. Provide two if [MRI scanning room(s) generated] is 3 or 4

- 2. MRI Nurse Station, Cncl Sprt (SC152)60 NSF (5.6 NSM)**
a. Provide one if [MRI scanning room(s) generated] is between 1 and 4

- 3. MRI Patient Toilet, Bldg Sprt (SB201)60 NSF (5.6 NSM)**
a. Provide one if [MRI scanning room(s) generated] is 1 or 2
b. Provide two if [MRI scanning room(s) generated] is 3 or 4

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.



- 4. MRI Patient Dressing Room, Bldg Sprt (SB138).....60 NSF (5.6 NSM)**
 - a. Provide two if [MRI scanning room(s) generated] is 1
 - b. Provide four if [MRI scanning room(s) generated] is 2
 - c. Provide six if [MRI scanning room(s) generated] is 3
 - d. Provide eight if [MRI scanning room(s) generated] is 4
- 5. MRI Patient Personal Property Locker Alcove, Bldg Sprt (SB139).....20 NSF (1.9 NSM)**
 - a. Provide one if [MRI scanning room(s) generated] is between 1 and 4
- 6. MRI Patient Waiting Alcove, Bldg Sprt (SB001)60 NSF (5.6 NSM)**
 - a. Provide one if [MRI scanning room(s) generated] is 1 or 2
 - b. Provide two if [MRI scanning room(s) generated] is 3 or 4

Gowned patient waiting. Allocated space accommodates one standard chair @ 9 NSF, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total three people.
- 7. MRI Consult Room, Cncl Sprt (SC271).....120 NSF (11.2 NSM)**
 - a. Provide one if [MRI scanning room(s) generated] is between 1 and 4
- 8. MRI IV Start Room, Imgng Svcs (CI104)120 NSF (11.2 NSM)**
 - a. Provide one if [MRI scanning room(s) generated] is between 1 and 4

Allocated NSF accommodates one blood drawing chair, one mayo stand, solid surface counter w/SS single compartment sink, one infectious waste bad frame w/lid, two mobile sharps container and circulation.
- 9. Class 1 MRI Scanning Room, Imgng Svcs (CI111).....590 NSF (54.9 NSM)**
 - a. Provide one per each [MRI scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3)
- 10. Class 1 MRI Control Room, Imgng Svcs (CI112)200 NSF (18.6 NSM)**
 - a. Provide one per each [Class 1 MRI scanning room(s)]
- 11. Class 1 MRI System Component Room, Imgng Svcs (CI113)160 NSF (14.9 NSM)**
 - a. Provide one per each [Class 1 MRI scanning room(s)]



**12. Class 1 MRI Automated Supply Dispenser Unit (ASDU)
 Alcove, Imgng Svcs (CI114)20 NSF (1.9 NSM)**

- a. Provide one if [Class 1 MRI scanning room(s)] is between 1 and 4*

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

13. Class 2 MRI Scanning Room, Imgng Svcs (CI121).....590 NSF (54.9 NSM)

- a. Provide one per each [MRI scanning room(s) generated] if [Facility Procedure Complexity Designation] is 1*
b. Provide one per each [MRI scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 and ([ICU or ED] or [Class 2 MRI authorized]) is Yes)
c. Provide one per each [MRI scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 3 and [Class 2 MRI authorized] is Yes)

14. Class 2 MRI Control Room, Imgng Svcs (CI122).....200 NSF (18.6 NSM)

- a. Provide one per each [Class 2 MRI scanning room(s)]*

**15. Class 2 MRI System Component Room,
 Imgng Svcs (CI123)160 NSF (14.9 NSM)**

- a. Provide one per each [Class 2 MRI scanning room(s)]*

**16. Class 2 MRI Automated Supply Dispenser Unit (ASDU)
 Alcove, Imgng Svcs (CI124)20 NSF (1.9 NSM)**

- a. Provide one per each [Class 2 MRI scanning room(s)]*

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

17. MRI Staff Workarea, CIncl Sprt (SC243).....120 NSF (11.2 NSM)

- a. Provide one if [MRI scanning room(s) generated] is 1 or 2*
b. Provide two if [MRI scanning room(s) generated] is 3 or 4

Allocated space accommodates two workstations.



18. MRI Medication Preparation Room, Clncl Sprt (SC083).....100 NSF (9.3 NSM)

- a. *Provide one if [MRI scanning room(s) generated] is between 1 and 4*

Allocated NSF accommodates two automatic medication distribution systems, one mobile emergency cart, one step-on waste disposal, solid surface countertop w/SS single compartment sink, one refrigerator freezer and circulation.

19. MRI Wheelchair / Stretcher Alcove, Bldg Sprt (SC252).....80 NSF (7.5 NSM)

- a. *Provide one if [MRI scanning room(s) generated] is 1 or 2*
b. *Provide two if [MRI scanning room(s) generated] is 3 or 4*

20. MRI Quarantine Closet, Imgng Svcs (CI132).....35 NSF (3.3 NSM)

- a. *Provide one if [MRI scanning room(s) generated] is between 1 and 4*

Lockable closet for storage of larger portable equipment that is MR unsafe or untested (e.g., wheelchair or scooter).

21. Equipment Storage Room, Imgng Svcs (CI151)80 NSF (7.5 NSM)

- a. *Provide one if [MRI scanning room(s) generated] is 1 or 2*
b. *Provide one at 160 NSF if [MRI scanning room(s) generated] is 3 or 4*

I. FA 9: NUCLEAR MEDICINE (NM) AREA

1. NM Patient Holding Bay, Clncl Sprt (SC291)120 NSF (11.2 NSM)

- a. *Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 1 or 2*
b. *Provide two if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 3 or 4*
c. *Provide three if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 5 or 6*

2. NM Nurse Station, Clncl Sprt (SC152).....60 NSF (5.6 NSM)

- a. *Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 4*
b. *Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 5 or 6*

3. NM Patient Toilet, Bldg Sprt (SB201).....60 NSF (5.6 NSM)

- a. *Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 1 or 2*
b. *Provide two if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 3 or 4*
c. *Provide three if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 5 or 6*

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.



- 4. NM "Hot" Patient Toilet, Bldg Sprt (SB201).....60 NSF (5.6 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 3
b. Provide two if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 4 and 6

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

- 5. NM Patient Dressing Room, Bldg Sprt (SB138)60 NSF (5.6 NSM)**
a. Provide one per each [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)]

- 6. NM Patient Personal Property Locker Alcove, Bldg Sprt (SB139).....20 NSF (1.9 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 4
b. Provide two if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 5 or 6

- 7. NM Patient Waiting Alcove, Bldg Sprt (SB001)60 NSF (5.6 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 1 or 2
b. Provide two if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 3 or 4
c. Provide three if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 5 or 6

Gowned patient waiting. Allocated space accommodates one standard chair @ 9 NSF, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total three people.

- 8. NM Consult Room, Clncl Sprt (SC271)120 NSF (11.2 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 6

- 9. NM IV Start Room, Imgng Svcs (CI204).....120 NSF (11.2 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 4
b. Provide two if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 5 or 6
c. Provide three if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 7 or 8

Allocated NSF accommodates one blood drawing chair, one mayo stand, solid surface counter w/SS single compartment sink, one infectious waste bad frame w/lid, two mobile sharps container and circulation.



10. NM Medication Preparation Room, Clncl Sprt (SC083)100 NSF (9.3 NSM)

- a. *Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 1*

Allocated NSF accommodates two automatic medication distribution systems, one mobile emergency cart, one step-on waste disposal, solid surface countertop w/SS single compartment sink, one refrigerator freezer and circulation.

11. Class 1 NM Scanning Room, Imgng Svcs (CI211)500 NSF (46.5 NSM)

- a. *Provide one per each [Nuclear Medicine scanning room(s) generated] if [Facility Procedure Complexity Designation] is 1*
- b. *Provide one per each [Nuclear Medicine scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3) and [Class 1 Nuclear Medicine authorized] is Yes*

12. Class 1 NM System Component Alcove, Imgng Svcs (CI212)20 NSF (1.9 NSM)

- a. *Provide one per each [Class 1 NM scanning room(s)]*

13. Class 1 NM Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI213)20 NSF (1.9 NSM)

- a. *Provide one per each [Class 1 NM scanning room(s)]*

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

14. Class 1 SPECT/CT Scanning Room, Imgng Svcs (CI214)530 NSF (49.3 NSM)

- a. *Provide one per each [SPECT/CT scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3)*

15. Class 1 SPECT/CT Control Room, Imgng Svcs (CI216)210 NSF (19.6 NSM)

- a. *Provide one per each [Class 1 SPECT/CT scanning room(s)]*

16. Class 1 SPECT/CT System Component Room, Imgng Svcs (CI217)105 NSF (9.8 NSM)

- a. *Provide one per each [Class 1 SPECT/CT scanning room(s)]*



- 17. Class 1 SPECT/CT Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI218)20 NSF (1.9 NSM)**
a. Provide one per each [Class 1 SPECT/CT scanning room(s)]

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

- 18. Class 2 SPECT/CT Scanning Room, Imgng Svcs (CI221)560 NSF (52.1 NSM)**
a. Provide one per each [SPECT/CT scanning room(s) generated] if [Facility Procedure Complexity Designation] is 1
b. Provide one per each [SPECT/CT scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 and ([ICU or ED] or [Class 2 SPECT/CT authorized]) is Yes)
c. Provide one per each [SPECT/CT scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 3 and [Class 2 SPECT/CT authorized] is Yes)

- 19. Class 2 SPECT/CT Control Room, Imgng Svcs (CI222).....210 NSF (19.6 NSM)**
a. Provide one per each [Class 2 SPECT/CT scanning room(s)]

- 20. Class 2 SPECT/CT System Component Room, Imgng Svcs (CI223)105 NSF (9.8 NSM)**
a. Provide one per each [Class 2 SPECT/CT scanning room(s)]

- 21. Class 2 SPECT/CT Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI224)20 NSF (1.9 NSM)**
a. Provide one per each [Class 2 SPECT/CT scanning room(s)]

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.



- 22. Thyroid Probe Scanning Room, Imgng Svcs (CI226)120 NSF (11.2 NSM)**
a. Provide one per each [Thyroid Probe scanning room(s) generated] if [Facility Procedure Complexity Designation] is 1
b. Provide one per each [Thyroid Probe scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3) and [Thyroid Probe authorized] is Yes
- 23. NM Cardiac Stress Testing Room, Cardio Svc (CCD31)235 NSF (21.9 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 6
- 24. NM Radiopharmacy / Hot Lab, Imgng Svcs (CI227)240 NSF (22.3 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 6
- 25. NM Radioactive Waste Decay Room, Imgng Svcs (CI228)120 NSF (11.2 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 6
- 26. NM Team Room, Clncl Sprt (SC243)120 NSF (11.2 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 1 or 2
b. Provide two if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 3 or 4
c. Provide three if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is 5 or 6

Allocated space accommodates two workstations.

- 27. NM Environmental Services Closet, Imgng Svcs (SB211)60 NSF (5.6 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 6
- 28. NM Nourishment Room, F&N Svc (SV272)80 NSF (7.5 NSM)**
a. Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 6

An area for water, juice, and light packaged snacks for patients who may need blood sugar management in concert with NM studies.

J. FA 10: POSITRON EMISSION TOMOGRAPHY (PET) COMPUTED TOMOGRAPHY (CT) - PET/CT AREA

- 1. PET/CT Patient Holding Bay, Clncl Sprt (SC291)120 NSF (11.2 NSM)**
a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2
- 2. PET/CT Nurse Station, Clncl Sprt (SC152).....60 NSF (5.6 NSM)**
a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2



- 3. PET/CT Patient Toilet, Bldg Sprt (SB201)60 NSF (5.6 NSM)**
 - a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2*
Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.
- 4. PET/CT Patient Dressing Room, Bldg Sprt (SB138)60 NSF (5.6 NSM)**
 - a. Provide two per each [PET/CT scanning room(s) generated]*
- 5. PET/CT Patient Personal Property Locker Alcove, Bldg Sprt (SB139).....20 NSF (1.9 NSM)**
 - a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2*
- 6. PET/CT Patient Waiting Alcove, Bldg Sprt (SB001)60 NSF (5.6 NSM)**
 - a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2*
Gowned patient waiting. Allocated space accommodates one standard chair @ 9 NSF, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total three people.
- 7. PET/CT Consult Room, Clncl Sprt (SC271)120 NSF (11.2 NSM)**
 - a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2*
- 8. PET/CT IV Start Room, Imgng Svcs (CI236)120 NSF (11.2 NSM)**
 - a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2*
- 9. PET/CT Medication Preparation Room, Clncl Sprt (SC083)100 NSF (9.3 NSM)**
 - a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2*
Allocated NSF accommodates two automatic medication distribution systems, one mobile emergency cart, one step-on waste disposal, solid surface countertop w/SS single compartment sink, one refrigerator freezer and circulation.
- 10. Class 1 PET/CT Scanning Room, Imgng Svcs (CI242)600 NSF (55.8 NSM)**
 - a. Provide one per each [PET/CT scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3)*
- 11. Class 1 PET/CT Control Room, Imgng Svcs (CI243)210 NSF (19.6 NSM)**
 - a. Provide one per each [Class 1 PET/CT scanning room(s)]*
- 12. Class 1 PET/CT System Component Room, Imgng Svcs (CI244)105 NSF (9.8 NSM)**
 - a. Provide one per each [Class 1 PET/CT scanning room(s)]*



- 13. Class 1 PET/CT Automated Supply Dispenser Unit (ASDU) Alcove, Imgnng Svcs (CI245)20 NSF (1.9 NSM)**
a. Provide one per each [Class 1 PET/CT scanning room(s)]

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

- 14. Class 2 PET/CT Scanning Room, Imgnng Svcs (CI251)600 NSF (55.8 NSM)**
a. Provide one per each [PET/CT scanning room(s) generated] if [Facility Procedure Complexity Designation] is 1
b. Provide one per each [PET/CT scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 and ([ICU or ED] or [Class 2 PET/CT authorized]) is Yes)
c. Provide one per each [PET/CT scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 3 and [Class 2 PET/CT authorized] is Yes)

- 15. Class 2 PET/CT Control Room, Imgnng Svcs (CI252)210 NSF (19.6 NSM)**
a. Provide one per each [Class 2 PET/CT scanning room(s)]

- 16. Class 2 PET/CT System Component Room, Imgnng Svcs (CI253)105 NSF (9.8 NSM)**
a. Provide one per each [Class 2 PET/CT scanning room(s)]

- 17. Class 2 PET/CT Automated Supply Dispenser Unit (ASDU) Alcove, Imgnng Svcs (CI254)20 NSF (1.9 NSM)**
a. Provide one per each [Class 2 PET/CT scanning room(s)]

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

- 18. PET/CT Uptake Room, Imgnng Svcs (CI256)145 NSF (13.5 NSM)**
a. Provide three if [PET/CT scanning room(s) generated] is 1
b. Provide six if [PET/CT scanning room(s) generated] is 2



- 19. PET/CT "Hot" Patient Toilet, Bldg Sprt (SB201)60 NSF (5.6 NSM)**
a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

- 20. PET/CT Team Room, Clncl Sprt (SC243)120 NSF (11.2 NSM)**
a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2

Allocated space accommodates two workstations.

- 21. PET/CT Short Term Holding Decay Room,
Imngng Svcs (CI257)30 NSF (2.8 NSM)**
a. Provide one if [PET/CT scanning room(s) generated] is 1 or 2

**K. FA 11: POSITRON EMISSION TOMOGRAPHY (PET) MAGNETIC RESONANCE
IMAGING (MRI) - PET/MRI AREA**

- 1. PET/MRI Patient Holding Bay, Clncl Sprt (SC291).....120 NSF (11.2 NSM)**
a. Provide one if [PET/MRI scanning room(s) generated] is 1

- 2. PET/MRI Nurse Station, Clncl Sprt (SC251)60 NSF (5.6 NSM)**
a. Provide one if [PET/MRI scanning room(s) generated] is 1

- 3. PET/MRI Patient Toilet, Bldg Sprt (SB201).....60 NSF (5.6 NSM)**
a. Provide one if [PET/MRI scanning room(s) generated] is 1

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

- 4. PET/MRI "Hot" Patient Toilet, Bldg Sprt (SB201)60 NSF (5.6 NSM)**
a. Provide one if [PET/MRI scanning room(s) generated] is 1

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

- 5. PET/MRI Patient Dressing Room, Bldg Sprt (SB138)60 NSF (5.6 NSM)**
a. Provide two if [PET/MRI scanning room(s) generated] is 1

- 6. PET/MRI Patient Personal Property Locker Alcove,
Bldg Sprt (SB139).....60 NSF (5.6 NSM)**
a. Provide one if [PET/MRI scanning room(s) generated] is 1

- 7. PET/MRI Patient Waiting Alcove, Bldg Sprt (SB001)60 NSF (5.6 NSM)**
a. Provide one if [PET/MRI scanning room(s) generated] is 1

Gowned patient waiting. Allocated space accommodates one standard chair @ 9 NSF, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total three people.

- 8. PET/MRI Consult Room, Clncl Sprt (SC271)120 NSF (11.2 NSM)**
a. Provide one if [PET/MRI scanning room(s) generated] is 1



9. PET/MRI IV Start Room, Imgng Svcs (CI265)120 NSF (11.2 NSM)
a. Provide one if [PET/MRI scanning room(s) generated] is 1

Allocated NSF accommodates one blood drawing chair, one mayo stand, solid surface counter w/SS single compartment sink, one infectious waste bad frame w/lid, two mobile sharps container and circulation.

10. PET/MRI Medication Preparation Room, CIncl Sprrt (SC083)100 NSF (9.3 NSM)
a. Provide one if [PET/MRI scanning room(s) generated] is 1

Allocated NSF accommodates two automatic medication distribution systems, one mobile emergency cart, one step-on waste disposal, solid surface countertop w/SS single compartment sink, one refrigerator freezer and circulation.

11. Class 1 PET/MRI Scanning Room, Imgng Svcs (CI271)630 NSF (58.6 NSM)
a. Provide one per each [PET/MRI scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 or 3)

12. Class 1 PET/MRI Control Room, Imgng Svcs (CI272)200 NSF (18.6 NSM)
a. Provide one per each [Class 1 PET/MRI scanning room(s)]

13. Class 1 PET/MRI System Component Room, Imgng Svcs (CI273)160 NSF (14.9 NSM)
a. Provide one per each [Class 1 PET/MRI scanning room(s)]

14. Class 1 PET/MRI Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI274)20 NSF (1.9 NSM)
a. Provide one per each [Class 1 PET/MRI scanning room(s)]

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

15. Class 2 PET/MRI Scanning Room, Imgng Svcs (CI281)630 NSF (58.6 NSM)
a. Provide one per each [PET/MRI scanning room(s) generated] if [Facility Procedure Complexity Designation] is 1
b. Provide one per each [PET/MRI scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 2 and ([ICU or ED] or [Class 2 PET/MRI authorized]) is Yes)
c. Provide one per each [PET/MRI scanning room(s) generated] if ([Facility Procedure Complexity Designation] is 3 and [Class 2 PET/MRI authorized] is Yes)



16. Class 2 PET/MRI Control Room, Imgng Svcs (CI282).....200 NSF (18.6 NSM)
a. Provide one per each [Class 2 PET/MRI scanning room(s)]

17. Class 2 PET/MRI System Component Room, Imgng Svcs (CI283)160 NSF (14.9 NSM)
a. Provide one per each [Class 2 PET/MRI scanning room(s)]

18. Class 2 PET/MRI Automated Supply Dispenser Unit (ASDU) Alcove, Imgng Svcs (CI284)20 NSF (1.9 NSM)
a. Provide one per each [Class 2 PET/MRI scanning room(s)]

With the increasing usage of automated dispensing machines for more accurate inventory control, each imaging modality is assigned ASDUs based on typical storage needs for the modality and the clinical usage. It is the intention that each imaging room be provided with an ASDU alcove proximate to the staff core entrance to the control room / alcove. When multiple modalities share a common staff core, ASDU alcoves may be merged (instead of repeated individual alcoves), and individual ASDU devices may be used for storage of materials for more than one imaging device or modality.

19. PET/MRI Uptake Room, Imgng Svcs (CI291)145 NSF (13.5 NSM)
a. Provide one if [PET/MRI scanning room(s) generated] is 1

20. PET/MRI Team Room, Clncl Sprt (SC243)120 NSF (11.2 NSM)
a. Provide one if [PET/MRI scanning room(s) generated] is 1

Allocated space accommodates two workstations.

21. PET/MRI Short Term Holding Decay Room, Imgng Svcs (CI292)30 NSF (2.8 NSM)
a. Provide one if [PET/MRI scanning room(s) generated] is 1

L. FA 12: IMAGING SERVICES SUPPORT AREA

- 1. Imgng Svcs Crash Cart Alcove, Clncl Sprt (SC052).....20 NSF (1.9 NSM)**
 - a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 12*
 - b. Provide two if [imaging / scanning room(s) - all modalities] is between 13 and 24*
 - c. Provide three if [imaging / scanning room(s) - all modalities] is between 25 and 40*



- 2. Imgng Svcs Mobile X-Ray Alcove, Clncl Sprt (SC099)30 NSF (2.8 NSM)**
 - a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 8
 - b. Provide two if [imaging / scanning room(s) - all modalities] is between 9 and 16
 - c. Provide three if [imaging / scanning room(s) - all modalities] is between 17 and 24
 - d. Provide four if [imaging / scanning room(s) - all modalities] is between 25 and 32
 - e. Provide five if [imaging / scanning room(s) - all modalities] is between 33 and 40

- 3. Imgng Svcs Clean Linen Alcove, EMS (SC467)20 NSF (1.9 NSM)**
 - a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 4
 - b. Provide two if [imaging / scanning room(s) - all modalities] is between 5 and 8
 - c. Provide three if [imaging / scanning room(s) - all modalities] is between 9 and 12
 - d. Provide four if [imaging / scanning room(s) - all modalities] is between 13 and 16
 - e. Provide five if [imaging / scanning room(s) - all modalities] is between 17 and 20
 - f. Provide six if [imaging / scanning room(s) - all modalities] is between 21 and 24
 - g. Provide seven if [imaging / scanning room(s) - all modalities] is between 25 and 28
 - h. Provide eight if [imaging / scanning room(s) - all modalities] is between 29 and 32
 - i. Provide nine if [imaging / scanning room(s) - all modalities] is between 33 and 36
 - j. Provide ten if [imaging / scanning room(s) - all modalities] is between 37 and 40



- 4. Imgng Svcs Wheelchair / Stretcher Alcove, Bldg Sprt (SC252).....50 NSF (4.7 NSM)**
- a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 4*
 - b. *Provide two if [imaging / scanning room(s) - all modalities] is between 5 and 8*
 - c. *Provide three if [imaging / scanning room(s) - all modalities] is between 9 and 12*
 - d. *Provide four if [imaging / scanning room(s) - all modalities] is between 13 and 16*
 - e. *Provide five if [imaging / scanning room(s) - all modalities] is between 17 and 20*
 - f. *Provide six if [imaging / scanning room(s) - all modalities] is between 21 and 24*
 - g. *Provide seven if [imaging / scanning room(s) - all modalities] is between 25 and 28*
 - h. *Provide eight if [imaging / scanning room(s) - all modalities] is between 29 and 32*
 - i. *Provide nine if [imaging / scanning room(s) - all modalities] is between 33 and 36*
 - j. *Provide ten if [imaging / scanning room(s) - all modalities] is between 37 and 40*
- 5. Imgng Svcs Mobile Ultrasound Alcove, Clncl Sprt (SC096).....30 NSF (2.8 NSM)**
- a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 8*
 - b. *Provide two if [imaging / scanning room(s) - all modalities] is between 9 and 16*
 - c. *Provide three if [imaging / scanning room(s) - all modalities] is between 17 and 24*
 - d. *Provide four if [imaging / scanning room(s) - all modalities] is between 25 and 32*
 - e. *Provide five if [imaging / scanning room(s) - all modalities] is between 33 and 40*



- 6. Imgnng Svcs Mobile Patient Lift Alcove, Clncl Sprt (SC093).....20 NSF (1.9 NSM)**
 - a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 8
 - b. Provide two if [imaging / scanning room(s) - all modalities] is between 9 and 16
 - c. Provide three if [imaging / scanning room(s) - all modalities] is between 17 and 24
 - d. Provide four if [imaging / scanning room(s) - all modalities] is between 25 and 32
 - e. Provide five if [imaging / scanning room(s) - all modalities] is between 33 and 40

- 7. Lead Apron Alcove, Imgnng Svcs (CI521)15 NSF (1.4 NSM)**
 - a. Provide one if [imaging / scanning room(s) - all modalities] is 1 or 2
 - b. Provide two if [imaging / scanning room(s) - all modalities] is 3 or 4
 - c. Provide three if [imaging / scanning room(s) - all modalities] is 5 or 6
 - d. Provide four if [imaging / scanning room(s) - all modalities] is 7 or 8
 - e. Provide five if [imaging / scanning room(s) - all modalities] is 9 or 10
 - f. Provide six if [imaging / scanning room(s) - all modalities] is 11 or 12
 - g. Provide seven if [imaging / scanning room(s) - all modalities] is 13 or 14
 - h. Provide eight if [imaging / scanning room(s) - all modalities] is 15 or 16
 - i. Provide nine if [imaging / scanning room(s) - all modalities] is 17 or 18
 - j. Provide ten if [imaging / scanning room(s) - all modalities] is 19 or 20
 - k. Provide eleven if [imaging / scanning room(s) - all modalities] is 21 or 22
 - l. Provide twelve if [imaging / scanning room(s) - all modalities] is 23 or 24
 - m. Provide thirteen if [imaging / scanning room(s) - all modalities] is 25 or 26
 - n. Provide fourteen if [imaging / scanning room(s) - all modalities] is 27 or 28
 - o. Provide fifteen if [imaging / scanning room(s) - all modalities] is 29 or 30
 - p. Provide sixteen if [imaging / scanning room(s) - all modalities] is 31 or 32
 - q. Provide seventeen if [imaging / scanning room(s) - all modalities] is 33 or 34
 - r. Provide eighteen if [imaging / scanning room(s) - all modalities] is 35 or 36
 - s. Provide nineteen if [imaging / scanning room(s) - all modalities] is 37 or 38
 - t. Provide twenty if [imaging / scanning room(s) - all modalities] is 39 or 40



- 8. Imgnng Svcs Clean Utility Room, Lgstcs Svc (SB737)100 NSF (9.3 NSM)**
 - a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 8
 - b. Provide two if [imaging / scanning room(s) - all modalities] is between 9 and 16
 - c. Provide three if [imaging / scanning room(s) - all modalities] is between 17 and 24
 - d. Provide four if [imaging / scanning room(s) - all modalities] is between 25 and 32
 - e. Provide five if [imaging / scanning room(s) - all modalities] is between 33 and 40

- 9. Imgnng Svcs Soiled Utility Room, Lgstcs Svc (SB743)120 NSF (11.2 NSM)**
 - a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 12
 - b. Provide two if [imaging / scanning room(s) - all modalities] is between 13 and 24
 - c. Provide three if [imaging / scanning room(s) - all modalities] is between 25 and 40

- 10. Equipment Storage Room, Imgnng Svcs (CI301)120 NSF (11.2 NSM)**
 - a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 4
 - b. Provide two if [imaging / scanning room(s) - all modalities] is between 5 and 8
 - c. Provide three if [imaging / scanning room(s) - all modalities] is between 9 and 12
 - d. Provide four if [imaging / scanning room(s) - all modalities] is between 13 and 16
 - e. Provide five if [imaging / scanning room(s) - all modalities] is between 17 and 20
 - f. Provide six if [imaging / scanning room(s) - all modalities] is between 21 and 24
 - g. Provide seven if [imaging / scanning room(s) - all modalities] is between 25 and 28
 - h. Provide eight if [imaging / scanning room(s) - all modalities] is between 29 and 32
 - i. Provide nine if [imaging / scanning room(s) - all modalities] is between 33 and 36
 - j. Provide ten if [imaging / scanning room(s) - all modalities] is between 37 and 40



**11. Imaging Sterile Consumables (Soft Goods) Storage Room,
Imgng Svcs (CI304)80 NSF (7.5 NSM)**

- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 4
- b. Provide two if [imaging / scanning room(s) - all modalities] is between 5 and 8
- c. Provide three if [imaging / scanning room(s) - all modalities] is between 9 and 12
- d. Provide four if [imaging / scanning room(s) - all modalities] is between 13 and 16
- e. Provide five if [imaging / scanning room(s) - all modalities] is between 17 and 20
- f. Provide six if [imaging / scanning room(s) - all modalities] is between 21 and 24
- g. Provide seven if [imaging / scanning room(s) - all modalities] is between 25 and 28
- h. Provide eight if [imaging / scanning room(s) - all modalities] is between 29 and 32
- i. Provide nine if [imaging / scanning room(s) - all modalities] is between 33 and 36
- j. Provide ten if [imaging / scanning room(s) - all modalities] is between 37 and 40

**12. Imgng Svcs Housekeeping Aides Closet (HAC),
Bldg Sprt (SB244).....60 NSF (5.6 NSM)**

- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 16
- b. Provide two if [imaging / scanning room(s) - all modalities] is between 17 and 32
- c. Provide three if [imaging / scanning room(s) - all modalities] is between 33 and 40

M. FA 13: IMAGING SERVICES STAFF AND ADMINISTRATIVE AREA

1. Imgng Svcs Administration Reception, Stff Sprt (SS221)85 NSF (7.9 NSM)

- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40

Allocated NSF accommodates one Receptionist FTE, patient privacy area, and circulation.

2. Radiology Service Chief Office, Stff Sprt (SS204).....100 NSF (9.3 NSM)

- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40



- 3. Radiology Service Assistant Chief Office, Stff Sprt (SS204)100 NSF (9.3 NSM)**
 - a. *Provide one per each [Radiology Service Assistant Chief FTE position authorized]*
- 4. Radiology Service AO Office, Stff Sprt (SS204).....100 NSF (9.3 NSM)**
 - a. *Provide one per each [Radiology Service AO FTE position authorized]*
- 5. NM Chief Office, Stff Sprt (SS204)100 NSF (9.3 NSM)**
 - a. *Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 6*
- 6. Imgng Svcs Executive Conference Room, Educ Svc (SS101)100 NSF (9.3 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40*
- 7. Breast Imaging Supervisor Office, Stff Sprt (SS205)80 NSF (7.5 NSM)**
 - a. *Provide one if [Breast imaging room(s)] is between 1 and 4*
- 8. Ultrasound Supervisor Office, Stff Sprt (SS205)80 NSF (7.5 NSM)**
 - a. *Provide one if [Ultrasound scanning room(s) generated] is between 1 and 9*
- 9. CT Supervisor Office, Stff Sprt (SS205)80 NSF (7.5 NSM)**
 - a. *Provide one if [CT scanning room(s) generated] is between 1 and 5*
- 10. MRI Supervisor Office, Stff Sprt (SS205).....80 NSF (7.5 NSM)**
 - a. *Provide one if [MRI scanning room(s) generated] is between 1 and 4*
- 11. NM Supervisor Office, Stff Sprt (SS205).....80 NSF (7.5 NSM)**
 - a. *Provide one if [Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s)] is between 1 and 6*
- 12. PET/CT Supervisor Office, Stff Sprt (SS205)80 NSF (7.5 NSM)**
 - a. *Provide one if [PET/CT scanning room(s) generated] is 1 or 2*
- 13. PET/MRI Supervisor Office, Stff Sprt (SS205).....80 NSF (7.5 NSM)**
 - a. *Provide one if [PET/MRI scanning room(s) generated] is 1*
- 14. Imgng Svcs Chief Technologist Office, Stff Sprt (SS205)80 NSF (7.5 NSM)**
 - a. *Provide one per each [Chief Technologist FTE position authorized]*
- 15. Radiation Safety Officer (RSO) Office, Stff Sprt (SS204)100 NSF (9.3 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 30*
 - b. *Provide two if [imaging / scanning room(s) - all modalities] is between 31 and 40*
- 16. MSA Supervisor Office, Stff Sprt (SS205)80 NSF (7.5 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40*



- 17. Imaging Physician Reading Room, Imgng Svcs (CI401)145 NSF (13.5 NSM)**
 - a. *Provide one per each [Imaging Physician FTE position authorized]*
- 18. Tele-Radiology Workroom, Imgng Svcs (CI402)150 NSF (14.0 NSM)**
 - a. *Provide one if [Tele-Radiology authorized] is Yes*
- 19. PACS Administrator Workroom, Imgng Svcs (CI404)150 NSF (14.0 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 13*
 - b. *Provide two if [imaging / scanning room(s) - all modalities] is between 14 and 26*
 - c. *Provide three if [imaging / scanning room(s) - all modalities] is between 27 and 40*
- 20. PACS Digital Quality Control Workroom, Imgng Svcs (CI403)150 NSF (14.0 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 13*
 - b. *Provide two if [imaging / scanning room(s) - all modalities] is between 14 and 26*
 - c. *Provide three if [imaging / scanning room(s) - all modalities] is between 27 and 40*
- 21. Imgng Svcs Nurse Manager Office, Stff Sprt (SS205)80 NSF (7.5 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40*
- 22. Imgng Svcs Data Processing Workstation, Stff Sprt (SS218)56 NSF (5.3 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40*
 - b. *Provide two if ([imaging / scanning room(s) - all modalities] is between 1 and 40 and [additional Data Processing Workstation authorized] is Yes)*
- 23. Imgng Svcs Administrative Assistant Workstation, Stff Sprt (SS218)56 NSF (5.3 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40*
 - b. *Provide two if ([imaging / scanning room(s) - all modalities] is between 1 and 40 and [additional Administrative Assistant Workstation authorized] is Yes)*
- 24. Imgng Svcs Secretary Workstation, Stff Sprt (SS218)56 NSF (5.3 NSM)**
 - a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40*
 - b. *Provide two if ([imaging / scanning room(s) - all modalities] is between 1 and 40 and [additional Secretary Workstation authorized] is Yes)*



- 25. PACS 3D Workstation, Imgng Svcs (CI405).....56 NSF (5.3 NSM)**
- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40
 - b. Provide two if ([imaging / scanning room(s) - all modalities] is between 1 and 40 and [additional PACS 3D Workstation authorized] is Yes)
- 26. Imgng Svcs Professional Non-Physician Workstation, Stff Sprt (SS218)56 NSF (5.3 NSM)**
- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40
 - b. Provide two if ([imaging / scanning room(s) - all modalities] is between 1 and 40 and [additional Professional Non-Physician Workstation authorized] is Yes)
- 27. Imgng Svcs Physicist Office, Stff Sprt (SS205)80 NSF (7.5 NSM)**
- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40
 - b. Provide two if ([imaging / scanning room(s) - all modalities] is between 1 and 40 and [additional Physicist Workstation authorized] is Yes)
- 28. Imgng Svcs Quality Assurance Office, Stff Sprt (SS205)80 NSF (7.5 NSM)**
- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40
 - b. Provide two if ([imaging / scanning room(s) - all modalities] is between 1 and 40 and [additional Quality Assurance Workstation authorized] is Yes)
- 29. Imgng Svcs Scheduler Workstation, Stff Sprt (SS218)56 NSF (5.3 NSM)**
- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 10
 - b. Provide two if [imaging / scanning room(s) - all modalities] is between 11 and 20
 - c. Provide one if [imaging / scanning room(s) - all modalities] is between 21 and 30
 - d. Provide two if [imaging / scanning room(s) - all modalities] is between 31 and 40
- 30. Imgng Svcs Staff Classroom, Educ Svc (SS111)300 NSF (27.9 NSM)**
- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 10
 - b. Provide two if [imaging / scanning room(s) - all modalities] is between 11 and 20
 - c. Provide three if [imaging / scanning room(s) - all modalities] is between 21 and 30
 - d. Provide four if [imaging / scanning room(s) - all modalities] is between 31 and 40

Planner shall accommodate aggregate NSF to cater for classroom space for a range of 10 to 25 people.



31. Imgnng Svcs Conference Room, Educ Svc (SS101).....240 NSF (22.3 NSM)

- a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 10*
- b. *Provide two if [imaging / scanning room(s) - all modalities] is between 11 and 20*
- c. *Provide three if [imaging / scanning room(s) - all modalities] is between 21 and 30*
- d. *Provide four if [imaging / scanning room(s) - all modalities] is between 31 and 40*

Planner shall accommodate aggregate NSF to cater for meeting space for facility.

32. Imgnng Svcs Copy / Supply Room. Stff Sprt (SS272)120 NSF (11.2 NSM)

- a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 8*
- b. *Provide two if [imaging / scanning room(s) - all modalities] is between 9 and 16*
- c. *Provide three if [imaging / scanning room(s) - all modalities] is between 17 and 24*
- d. *Provide four if [imaging / scanning room(s) - all modalities] is between 25 and 32*
- e. *Provide five if [imaging / scanning room(s) - all modalities] is between 33 and 40*

33. Imgnng Svcs Staff Lounge, Stff Sprt (SS262).....160 NSF (14.9 NSM)

- a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 5*
- b. *Provide two if [imaging / scanning room(s) - all modalities] is between 6 and 10*
- c. *Provide three if [imaging / scanning room(s) - all modalities] is between 11 and 15*
- d. *Provide four if [imaging / scanning room(s) - all modalities] is between 16 and 20*
- e. *Provide five if [imaging / scanning room(s) - all modalities] is between 21 and 25*
- f. *Provide six if [imaging / scanning room(s) - all modalities] is between 26 and 30*
- g. *Provide seven if [imaging / scanning room(s) - all modalities] is between 31 and 35*
- h. *Provide eight if [imaging / scanning room(s) - all modalities] is between 35 and 40*

Planner shall accommodate aggregate NSF to cater the facility requirement.



34. Imgng Svcs Female Staff Locker Room, Stff Sprt (SS232).....100 NSF (9.3 NSM)

- a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 10*
- b. *Provide two if [imaging / scanning room(s) - all modalities] is between 11 and 20*
- c. *Provide three if [imaging / scanning room(s) - all modalities] is between 21 and 30*
- d. *Provide four if [imaging / scanning room(s) - all modalities] is between 31 and 40*

35. Imgng Svcs Male Staff Locker Room, Stff Sprt (SS241)100 NSF (9.3 NSM)

- a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 10*
- b. *Provide two if [imaging / scanning room(s) - all modalities] is between 11 and 20*
- c. *Provide three if [imaging / scanning room(s) - all modalities] is between 21 and 30*
- d. *Provide four if [imaging / scanning room(s) - all modalities] is between 31 and 40*

36. Imgng Svcs Universal Staff Toilet, Bldg Sprt (SB191)60 NSF (5.6 NSM)

- a. *Provide two if [imaging / scanning room(s) - all modalities] is between 1 and 10*
- b. *Provide four if [imaging / scanning room(s) - all modalities] is between 11 and 20*
- c. *Provide six if [imaging / scanning room(s) - all modalities] is between 21 and 30*
- d. *Provide eight if [imaging / scanning room(s) - all modalities] is between 31 and 40*

Allocated NSF accommodates one accessible toilet @ 25 NSF, one wall-hung lavatory @ 12 NSF, ABA clearances, and circulation.

37. Imgng Svcs Female Staff Shower, Bldg Sprt (SB195)70 NSF (6.6 NSM)

- a. *Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 20*
- b. *Provide two if [imaging / scanning room(s) - all modalities] is between 21 and 40*

Allocated NSF accommodates one accessible shower @ 28 NSF, one accessible bench @ 16 NSF, ABA clearances, and circulation.



38. Imgng Svcs Male Staff Shower, Bldg Sprt (SB195).....70 NSF (6.6 NSM)

- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 20
- b. Provide two if [imaging / scanning room(s) - all modalities] is between 21 and 40

Allocated NSF accommodates one accessible shower @ 28 NSF, one accessible bench @ 16 NSF, ABA clearances, and circulation.

39. Imgng Svcs On-Call Bedroom, Stff Sprt (SS287)120 NSF (11.2 NSM)

- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 40
- b. Provide two if ([imaging / scanning room(s) - all modalities] is between 1 and 40) and [additional On-Call Bedroom authorized] is Yes)

40. Imgng Svcs

On-Call Bedroom Toilet / Shower, Bldg Sprt (SB196)85 NSF (7.9 NSM)

- a. Provide one per each [On-Call Bedroom(s)]

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, one accessible shower @ 28 NSF, ABA clearances, and circulation. Toilet / Shower shall be located adjacent and with direct access from On-Call Bedroom.

N. FA 14: IMAGING SERVICES ACADEMIC EDUCATION AREA

1. Imgng Svcs Trainee Workstation, Stff Sprt (SS217)48 NSF (4.5 NSM)

- a. Provide one per each ([Fellow FTE position authorized] + [Resident FTE position authorized] + [Student FTE position authorized])

2. Imgng Svcs Academic Training Room, Educ Svc (SS111).....300 NSF (27.9 NSM)

- a. Provide one if [imaging / scanning room(s) - all modalities] is between 1 and 20
- b. Provide two if [imaging / scanning room(s) - all modalities] is between 21 and 40

Allocated NSF accommodates ten chairs @ 7.5 NSF each, four tables at 10 NSF each, one credenza @ 8 NSF, and circulation; total ten people.



**3. Teaching Reading / Consultation Room,
Imngng Svcs (CI411)240 NSF (22.3 NSM)**

- a. *Provide one if ([Fellow FTE position authorized] + [Resident FTE position authorized]) is 1 or 2*
- b. *Provide one if ([Fellow FTE position authorized] + [Resident FTE position authorized]) is 3 or 4*
- c. *Provide one if ([Fellow FTE position authorized] + [Resident FTE position authorized]) is 5 or 6*
- d. *Provide one if ([Fellow FTE position authorized] + [Resident FTE position authorized]) is 7 or 8*
- e. *Provide one if ([Fellow FTE position authorized] + [Resident FTE position authorized]) is 9 or 10*

O. SEPS IMPORTER SHORTCUTS

- 1. *Facility Procedure Complexity Designation: [What is the Facility Procedure Complexity Designation?]*
- 2. *ICU or ED: [Does Facility provide Intensive Care (ICU) or Emergency (ED) Services?]*
- 3. *Class 2 Radiology authorized: [Is Class 2 Radiology authorized?]*
- 4. *Class 2 Radiology / Fluoroscopy (R/F) authorized: [Is Class 2 Radiology / Fluoroscopy (R/F) authorized?]*
- 5. *Chest Imaging authorized: [Is Chest Imaging authorized for Facility Procedure Complexity Level 2 or 3?]*
- 6. *Class 2 Radiology / Fluoroscopy (R/F) authorized: [Is Class 2 Multipurpose Radiology / Fluoroscopy (R/F) authorized?]*
- 7. *Class 2 Prone Breast Imaging authorized: [Is Class 2 Prone Breast Imaging authorized for Facility Procedure Complexity Level 2 or 3?]*
- 8. *facility authorized to perform breast biopsies: [Is facility authorized to perform breast biopsies?]*
- 9. *ABUS Scanning authorized: [Is ABUS Scanning authorized for Facility Procedure Complexity Level 2 or 3?]*
- 10. *Class 2 Ultrasound authorized: [Is Class 2 Ultrasound authorized?]*
- 11. *Class 2 CT authorized: [Is Class 2 CT authorized?]*
- 12. *Class 2 MRI authorized: [Is Class 2 MRI authorized?]*
- 13. *Class 1 Nuclear Medicine authorized: [Is Class 1 Nuclear Medicine Scanning authorized for Facility Procedure Complexity Level 2 or 3?]*
- 14. *Class 2 SPECT/CT authorized: [Is Class 2 SPECT/CT authorized?]*
- 15. *Class 2 PET/CT authorized: [Is Class 2 PET/CT authorized?]*
- 16. *Thyroid Probe authorized: [Is Thyroid Probe Scanning authorized for Facility Procedure Complexity Level 2 or 3?]*
- 17. *Class 2 PET/MRI authorized: [Is Class 2 PET/MRI authorized?]*
- 18. *Tele-Radiology authorized: [Is Tele-Radiology authorized?]*
- 19. *additional On-Call Bedroom authorized: [Is an additional On-Call Bedroom authorized?]*



20. *projected annual General Radiographic procedures:* [How many annual General Radiographic procedures are projected?]
21. *projected annual Chest Imaging procedures:* [How many annual Chest Imaging procedures are projected?]
22. *projected annual Radiographic / Fluoroscopic (R/F) procedures:* [How many annual Radiographic / Fluoroscopic (RF) procedures are projected?]
23. *projected annual Multipurpose Radiographic / Fluoroscopic (R/F) procedures:* [How many annual Multipurpose Radiographic / Fluoroscopic (RF) procedures are projected?]
24. *projected annual Prone Breast imaging procedures:* [How many annual Prone Breast Imaging procedures are projected?]
25. *projected annual Standing Breast imaging procedures:* [How many annual Standing Breast imaging procedures are projected?]
26. *projected annual ABUS procedures:* [How many annual ABUS procedures are projected?]
27. *projected annual Ultrasound procedures:* [How many annual Ultrasound procedures are projected?]
28. *projected annual Bone Densitometry procedures:* [How many annual Bone Densitometry procedures are projected?]
29. *projected annual CT procedures:* [How many annual CT procedures are projected?]
30. *projected annual MRI procedures:* [How many annual MRI procedures are projected?]
31. *projected annual Nuclear Medicine procedures:* [How many annual Nuclear Medicine procedures are projected?]
32. *projected annual SPECT/CT procedures:* [How many annual SPECT/CT procedures are projected?]
33. *projected annual Thyroid Probe procedures:* [How many annual Thyroid Probe procedures are projected?]
34. *projected annual PET/CT procedures:* [How many annual PET/CT procedures are projected?]
35. *projected annual PET/MRI procedures:* [How many annual PET/MRI procedures are projected?]
36. *Radiology Service Assistant Chief FTE position authorized:* [How many Radiology Service Assistant Chief FTE positions are authorized?]
37. *Radiology Service AO FTE position authorized:* [How many Radiology Service Administrative Officer (AO) FTE positions are authorized? (S)]
38. *Chief Technologist FTE position authorized:* [How many Chief Technologist FTE positions are authorized?]
39. *Imaging Physician FTE position authorized:* [How many Imaging Physician FTE positions are authorized?]
40. *Fellow FTE position authorized:* [How many Fellow FTE positions are authorized?]
41. *Resident FTE position authorized:* [How many Resident FTE positions are authorized?]



42. *Student FTE position authorized:* [How many Student FTE positions are authorized?]
43. *additional Data Processing workstation authorized:* [Is an additional Data Processing workstation authorized?]
44. *additional Administrative Assistant workstation authorized:* [Is an additional Administrative Assistant workstation authorized?]
45. *additional Secretary workstation authorized:* [Is an additional Secretary workstation authorized?]
46. *additional PACS 3D workstation authorized:* [Is an additional PACS 3D workstation authorized?]
47. *additional Professional Non-Physician workstation authorized:* [Is an additional Professional Non-Physician workstation authorized?]
48. *additional Physicist workstation authorized:* [Is an additional Physicist workstation authorized?]
49. *additional Quality Assurance workstation authorized:* [Is an additional Quality Assurance workstation authorized?]
50. *imaging / scanning room(s) - all modalities:* ([Number of General Radiology Imaging Rooms, Cncl Sprt (SC111)] + [Number of Chest Imaging Rooms, Cncl Sprt (SC112)] + [Number of R/F Imaging Rooms, Cncl Sprt (SC113)] + [Number of Multipurpose R/F Imaging Rooms, Cncl Sprt (SC114)] + [Number of Prone Breast Imaging Rooms, Cncl Sprt (SC115)] + [Number of Standing Breast Imaging Rooms, Cncl Sprt (SC116)] + [Number of ABUS Scanning Rooms, Cncl Sprt (SC117)] + [Number of Ultrasound Scanning Rooms, Cncl Sprt (SC118)] + [Number of Bone Densitometry Scanning Rooms, Cncl Sprt (SC119)] + [Number of CT Scanning Rooms, Cncl Sprt (SC121)] + [Number of MRI Scanning Rooms, Cncl Sprt (SC122)] + [Number of Nuclear Medicine Scanning Rooms, Cncl Sprt (SC123)] + [Number of SPECT/CT Scanning Rooms, Cncl Sprt (SC124)] + [Number of Thyroid Probe Scanning Rooms, Cncl Sprt (SC125)] + [Number of PET/CT Scanning Rooms, Cncl Sprt (SC126)] + [Number of PET/MRI Scanning Rooms, Cncl Sprt (SC127)])
51. *General Radiology, Chest, R/F, and Multipurpose imaging room(s):* ([Number of General Radiology Imaging Rooms, Cncl Sprt (SC111)] + [Number of Chest Imaging Rooms, Cncl Sprt (SC112)] + [Number of R/F Imaging Rooms, Cncl Sprt (SC113)] + [Number of Multipurpose R/F Imaging Rooms, Cncl Sprt (SC114)])
52. *R/F imaging room(s):* ([Number of R/F Imaging Rooms, Cncl Sprt (SC113)] + [Number of Multipurpose R/F Imaging Rooms, Cncl Sprt (SC114)])
53. *Breast imaging room(s):* ([Number of Prone Breast Imaging Rooms, Cncl Sprt (SC115)] + [Number of Standing Breast imaging Rooms, Cncl Sprt (SC116)] + [Number of ABUS Scanning Rooms, Cncl Sprt (SC117)])
54. *Nuclear Medicine, SPECT/CT, and Thyroid Probe scanning room(s):* ([Number of Nuclear Medicine Scanning Rooms, Cncl Sprt (SC123)] + [Number of SPECT/CT Scanning Rooms, Cncl Sprt (SC124)] + [Number of Thyroid Probe Scanning Rooms, Cncl Sprt (SC125)])



55. *SPECT/CT and Thyroid Probe scanning room(s)*: ([Number of SPECT/CT Scanning Rooms, Clncl Sprt (SC124)] + [Number of Thyroid Probe Scanning Rooms, Clncl Sprt (SC125)])
56. *Radiology imaging room(s) generated*: [Number of General Radiology Imaging Rooms, Clncl Sprt (SC111)]
57. *Chest imaging room(s) generated*: [Number of Chest Imaging Rooms, Clncl Sprt (SC112)]
58. *R/F imaging room(s) generated*: [Number of R/F imaging room, Clncl Sprt (SC113)]
59. *Multipurpose R/F imaging room(s) generated*: [Number of Multipurpose R/F Imaging Rooms, Clncl Sprt (SC114)]
60. *Prone Breast imaging room(s) generated*: [Number of Prone Breast Imaging Rooms, Clncl Sprt (SC115)]
61. *Standing Breast imaging room(s) generated*: [Number of Standing Breast Imaging Rooms, Clncl Sprt (SC116)]
62. *ABUS scanning room(s) generated*: [Number of ABUS Scanning Rooms, Clncl Sprt (SC117)]
63. *Ultrasound scanning room(s) generated*: [Number of Ultrasound Scanning Rooms, Clncl Sprt (SC118)]
64. *Bone Densitometry scanning room(s) generated*: [Number of Bone Densitometry Scanning Rooms, Clncl Sprt (SC119)]
65. *CT scanning room(s) generated*: [Number of CT Scanning Rooms, Clncl Sprt (SC121)]
66. *MRI scanning room(s) generated*: [Number of MRI Scanning Rooms, Clncl Sprt (SC122)]
67. *Nuclear Medicine scanning room(s) generated*: [Number of Nuclear Medicine Scanning Rooms, Clncl Sprt (SC123)]
68. *Thyroid Probe scanning room(s) generated*: [Number of Thyroid Probe Scanning Rooms, Clncl Sprt (SC125)]
69. *PET/CT scanning room(s) generated*: [Number of PET/CT Scanning Rooms, Clncl Sprt (SC126)]
70. *PET/MRI scanning room(s) generated*: [Number of PET/MRI Scanning Rooms, Clncl Sprt (SC127)]
71. *SPECT/CT scanning room(s) generated*: [Number of SPECT/CT Scanning Rooms, Clncl Sprt (SC124)]
72. *Class 1 Radiology imaging room(s)*: [Class 1 Radiology Imaging Room, Imgng Svcs (CI011)]
73. *Class 2 Radiology imaging room(s)*: [Class 2 Radiology Imaging Room, Imgng Svcs (CI016)]
74. *Chest imaging room(s)*: [Chest Imaging Room, Imgng Svcs (CI021)]
75. *Class 1 R/F imaging room(s)*: [Class 1 R/F Imaging room, Imgng Svcs (CI031)]
76. *Class 2 R/F imaging room(s)*: [Class 2 R/F Imaging room, Imgng Svcs (CI036)]
77. *Class 2 Multipurpose R/F imaging room(s)*: [Multipurpose R/F Imaging Room, Imgng Svcs (CI041)]



78. *Class 2 Prone imaging room(s)*: [Class 2 Prone Breast Imaging Room, Imgng Svcs (CI053)]
79. *Class 2 Standing imaging room(s)*: [Class 2 Standing Breast Imaging Room, Imgng Svcs (CI056)]
80. *ABUS scanning room(s)*: [ABUS Scanning Room, Imgng Svcs (CI067)]
81. *Class 1 US scanning room(s)*: [Class 1 Ultrasound Scanning Room, Imgng Svcs (CI063)]
82. *Class 2 US scanning room(s)*: [Class 2 Ultrasound Scanning Room, Imgng Svcs (CI065)]
83. *Class 2 CT scanning room(s)*: [Class 2 CT Scanning Room, Imgng Svcs (CI086)]
84. *Class 2 MRI scanning room(s)*: [Class 2 MRI Scanning Room, Imgng Svcs (CI121)]
85. *Class 1 NM scanning room(s)*: [Class 1 NM Scanning Room, Imgng Svcs (CI211)]
86. *Class 2 SPECT/CT scanning room(s)*: [Class 2 SPECT/CT Scanning Room, Imgng Svcs (CI221)]
87. *Class 1 SPECT/CT scanning room(s)*: [Class 1 SPECT/CT Scanning Room, Imgng Svcs (CI214)]
88. *Class 1 PET/CT scanning room(s)*: [Class 1 PET/CT Scanning Room, Imgng Svcs (CI242)]
89. *Class 2 PET/CT scanning room(s)*: [Class 2 PET/CT Scanning Room, Imgng Svcs (CI251)]
90. *Class 1 PET/MRI scanning room(s)*: [Class 1 PET/MRI Scanning Room, Imgng Svcs (CI271)]
91. *Class 2 PET/MRI scanning room(s)*: [Class 2 PET/MRI Scanning Room, Imgng Svcs (CI281)]
92. *On-Call Bedroom(s)*: [Imgng Svcs On-Call Bedroom, Stff Sprt (SS287)]
93. *Class 1 CT scanning room(s)*: [Class 1 CT Scanning Room, Imgng Svcs (CI081)]
94. *Class 1 MRI scanning room(s)*: [Class 1 MRI Scanning Room, Imgng Svcs (CI111)]



6 PLANNING AND DESIGN CONSIDERATIONS

- A. For additional planning and design criteria, refer to the Department of Veterans Affairs (VA) Office of Construction and Facilities Management (CFM) Handbooks, Standards, Details, and Design Guides available at the VA-TIL.
- B. The Department Net to Gross (DNTG) factor for Imaging Services is 1.55, this number when multiplied by the programmed net square feet (NSF) area determines the departmental gross square feet (DGSF).
- C. The location of the Imaging Service department within the medical facility should be readily accessible to both inpatients and outpatients, and in close proximity to the central patient vertical transportation system serving nursing units. At the same time, careful consideration should be given to limitation and control of public access within the Imaging department due to the potential safety hazards.
- D. Centralized check-in/check-out/scheduling for all imaging modalities allows for more efficient utilization of staff and space. Provisions should be made for in-person scheduling areas that preserve patient privacy. Refer to PG 18-12 Imaging Services for additional information.
- E. Locate holding areas adjacent to modalities that have a higher volume of inpatients and in relative proximity to the inpatient access point. Locate sub-waiting areas adjacent to modalities that have a higher volume of outpatient traffic.
- F. Public/patient corridors should be designed with a minimum of 8 feet clear width to accommodate passage of two stretchers and/or wheelchairs, equipment, or beds. Corridors in staff/support spaces with no public access can be 5 feet clear width.
- G. When planning an Imaging Service suite, centralized support should be considered to the greatest extent possible to maximize staff and space efficiency. Grouping of modalities with similar characteristics should also be considered when appropriate, in terms of staffing efficiencies or patient access (i.e. General Radiography and R/F, Ultrasound and Breast imaging, etc.).
- H. When planning an Imaging Service Suite, arrange multiple adjacent imaging / scanning rooms along a central work core that includes staff work areas, reading areas, equipment and apron storage, while segregating back-of-house staff circulation and patient circulation. The work core provides access to the individual control rooms, which then open to the scan rooms.
- I. Rooms used for quick-turnaround, high volume routine examinations (radiography of chest, abdomen, extremities, etc.) should be located closer to the reception and patient waiting areas or building access point to decrease patient travel time/distance and increase staff efficiency. Rooms used for longer duration procedures (R/F, Class-2, minor interventional procedures, etc.) can be located further away.
- J. Patient changing suites can be created by combining patient dressing rooms, personal property lockers, and a patient toilet, located between and accessing two scan rooms. Direct access from dressing room to scan room is also possible with this configuration.



- K. Imaging rooms are sized to accommodate transfer of patient from stretcher or hospital bed to table/equipment.
- L. Alcoves for parking mobile imaging equipment (portable X-ray, C-arm, Ultrasound), as well as for lead apron carts, crash carts, personal protective equipment carts, etc., should be recessed from corridors and work areas. Alcoves should be located to provide quick access near the point of use, either within the Imaging Service or to support remote departments within the facility (Ambulatory Care, Inpatient Nursing Units, etc.).
- M. Staff facilities such as lockers, lounges, and staff toilets should be located within the Service and be convenient to employee assigned work areas, though separated from patient traffic flow.
- N. Consult with imaging equipment vendors for recommended and minimum room sizes and equipment layouts / clearances prior to finalizing planning documents.
- O. All scanning and procedure spaces should be planned with flexibility to accommodate the rapid technological improvements occurring in this field. When possible, plan for the entire Imaging Service to be located within a contiguous footprint on a single floor, preferably at exterior grade level. Locating scan rooms next to adjacent soft space provides the opportunity to expand the Imaging Service in place rather than needing to relocate the department.
- P. Consider access routes for replacement of large equipment (CT, MRI, PET/CT, etc.). If the Imaging Service aligns with an exterior wall of the building, plan for either a dedicated service entrance, or design a knock-out or removable wall section to facilitate equipment access. If located above grade, ensure freight elevator is of sufficient size and weight capacity to support the equipment. Structural floor load bearing capacity along the path from the elevator to the scan room should also be verified.
- Q. Provide space to park stretcher/gurney while patient is undergoing an exam, either as a recessed corridor alcove, or directly within the scan room if sufficient space is available to avoid disruption of the exam/procedure functionality.
- R. To address privacy concerns for female veterans, consider designing Breast Imaging services as a self-contained suite (i.e. Women’s Clinic) with dedicated reception and waiting space, dressing rooms, gowned waiting, and patient toilets. A portion of the Ultrasound and Bone Densitometry services may also be included within this suite, though male patients will still need access to these services.
- S. Modalities within Nuclear Medicine that utilize radioactive materials for imaging processes should be located in close proximity to the Radiopharmacy due to time sensitivity on decay of radioactive isotopes, as well as controlling distribution of hazardous materials.
- T. Nuclear Medicine service should have dedicated toilets for patients who have been administered a radioactive tracer compound to facilitate containment and clean-up of any bodily fluid spills. These toilets can be connected to the primary waste piping system, and do not require the dedicated waste line and decay tank system more commonly associated with Radiation Therapy treatment.



- U. The MRI suite should be functionally organized to separate staff and patient circulation as much as possible. Diagnostic rooms, processing functions, staff workstations, and staff support space should be organized contiguous to a centralized hub element for staff efficiency. Patient waiting and public areas should be organized in conjunction with a patient circulation element, which provides separate access to diagnostic rooms and dressing rooms. Layout of this space must be in compliance with all applicable VHA directives, and the American College of Radiology guidelines – with the most restrictive guidance taking precedence.
- V. Storage areas for supplies should be planned in coordination with and in close proximity to the sections they will support.
- W. This Imaging Services Space Planning Criteria chapter provides accommodations for a multipurpose fluoroscopy procedure room intended for procedures that do not require a high-level Interventional Radiology suite. Refer to PG 18-9 Chapter 286: Surgical and Endovascular Services for complete planning information for Interventional Radiology services.
- X. In Section 8: Functional Diagram,
 1. Spaces labeled “Patient Preparation” refer to: General, Family and low-energy Isotope “hot” patient Waiting, Reception, Patient Dressing rooms, IV Start rooms, Medication Preparation rooms, Patient Waiting alcoves, Patient Toilets, Patient Holding bays, Nurse Stations, alcoves and storage rooms, and Patient / Public circulation areas.
 2. Spaces labeled “Work Core” refer to: PACS 3D workstations, Automated Supply Dispenser units (ASDUs), Crash Cart alcoves, Mobile X-Ray, Ultrasound, and Lead Apron alcoves, Clean Linen alcoves / rooms, Soiled Utility rooms, Supervisor, Chief Technologist, Radiation Safety Officer (RSO), and Imaging Physician Hoteling offices, Professional Non-Physician workstations, Trainee workstations, Teaching Reading / Consultation rooms, and staff circulation areas.
 3. Spaces labeled “Inpatient Holding” illustrates an option for centralized patient holding bays to gather inpatient holding in a centralized area for greater potential levels of observation and care. If exercised, it is understood that a collective inpatient holding area would decrease the number of individualized patient holding bays used within modality-level suite.



7 FUNCTIONAL RELATIONSHIPS

TABLE 6: IMAGING SERVICE FUNCTIONAL RELATIONSHIP MATRIX

SERVICES	RELATIONSHIP	REASON
Main Entrance – Lobby	2	H
Ambulatory Care	2, 5	A, G, H
Audiology & Speech Pathology	7	K
Cardiovascular Lab	3	H, I
Digestive Diseases - Endoscopy	3	H
Emergency Department	2, 4	A, C, G, H, I
Inpatient Nursing Units	3, 5	A, H
Laboratory Service	3	H
Pharmacy Service	7	K
Physical Medicine & Rehab	3	H
Pulmonary Medicine	3	H
Radiation Therapy	3	A, G, H
Spinal Cord Injury / Disorder	3	H
Surgical Service	3	H
Biomedical Engineering	6	G
Canteen / Dining Service	7	D, E, K

Legend:

Relationship:

1. Adjacent
2. Close / Same Floor
3. Close / Different Floor Acceptable
4. Satellite Location
5. Remote Equipment Location
6. Limited Traffic
7. Separation Desirable

Reasons:

- A. Common use of resources
- B. Accessibility of supplies
- C. Urgency of contact
- D. Noise or vibration
- E. Presence of odors or fumes
- F. Contamination hazard
- G. Sequence of work
- H. Patient convenience
- I. Frequent contact
- J. Need for security



8 FUNCTIONAL DIAGRAM

