CHAPTER 286: SURGICAL AND ENDOVASCULAR SERVICES

1 PURPOSE AND SCOPE ........................................................................................................ 286-2
2 DEFINITIONS ...................................................................................................................... 286-2
3 OPERATING RATIONALE AND BASIS OF CRITERIA .................................................. 286-7
4 INPATIENT SURGICAL FACILITY PROGRAM DATA REQUIRED (Input Data Statements) .......................................................................................................................... 286-9
5 INPATIENT SURGICAL FACILITY SPACE CRITERIA .................................................... 286-11
6 AMBULATORY SURGERY CENTER PROGRAM DATA REQUIRED (Input Data Statements) .......................................................................................................................... 286-29
7 AMBULATORY SURGERY CENTER (ASC) SPACE CRITERIA ......................................... 286-30
8 DESIGN CONSIDERATIONS ............................................................................................... 286-45
9 FUNCTIONAL RELATIONSHIPS ...................................................................................... 286-50
10 FUNCTIONAL DIAGRAMS ............................................................................................... 286-53
1 PURPOSE AND SCOPE
This document outlines Space Planning Criteria for Surgical and Endovascular Services and it applies to all medical facilities at the Department of Veterans Affairs (VA). It also incorporates certain components of PG-18-9: Chapter 210: Cardiovascular Laboratories. Surgical Services are provided in Inpatient Surgical Facilities or Ambulatory Surgery Centers (ASCs) while Endovascular Services are provided in Inpatient Surgical Facilities only.

The Veterans Health Administration (VHA) assigned a complexity level to each of its inpatient and ambulatory surgical programs based on VHA Directive 2010-018 “Facility Infrastructure Requirements to Perform Standard, Intermediate, or Complex Surgical Procedures” and VHA Directive 2011-037 “Facility Infrastructure Requirements to Perform Invasive Procedures in an Ambulatory Surgery Center”. Surgical Procedures performed in an Ambulatory Surgery Center (ASC) are assigned either a Basic or Advanced complexity level.

This document incorporates these policies and sets forth Room Criteria Statements for each room / space in both Inpatient and Ambulatory Surgery facility types. I also incorporates OMB Memorandum M-12-12 “Promoting Efficient Spending to Support Agency Operations” and OMB Memorandum 2015-01 “Implementation of OMB Memorandum M-12-12”

2 DEFINITIONS
Ambulatory Surgery Center (ASC): An ASC is a free standing VHA facility separate from an inpatient VHA Surgery Program. Outpatient (same day) surgery performed in a separate building on a VHA campus with an inpatient VHA Surgery Program would be considered an ASC if community paramedics are used to respond to emergencies according to current VHA policy on Out-of-Operating Room Airway Management.

Ambulatory Surgery Program: An Ambulatory Surgery Program provides surgical procedures on an outpatient basis in an ASC; distinguishable from an inpatient VHA Surgery Program performing surgical procedures on a same-day or outpatient basis at a VA medical center.

Anesthesia Procedure Room: A dedicated space for Anesthesia Providers to perform regional blocks or line placement prior to surgery. A patient would be transported to this area or room from the Pre-Op area or another area of the hospital if applicable. If this space is authorized, it should be near the ORs but observable by staff working at a nursing station.

Anesthesia Workroom: Room with space for storing and maintaining anesthesia equipment and supplies. Includes a workstation for the anesthesia technician, space for work counter(s) and sink(s) and racks for cylinders.

Biplane Hybrid OR: An operating room designed to accommodate use of a Biplane advanced imaging technology system.

Biplane System: Advanced interventional imaging technology capable of shooting images along two axis or planes simultaneously. Used for a variety of cardiovascular and neurovascular image-guided interventional procedures. The biplane imaging system is physically large because it is made up of two x-ray systems, or two C-arms, as opposed to a monoplane system which has one C-arm.

Bariatric Surgery: Surgical procedures, generally performed on morbidly obese individuals, which cause weight loss by restricting the amount of food the stomach can
hold, causing malabsorption of nutrients, or by a combination of both gastric restriction and malabsorption. Bariatric Surgery is a recognized subspecialty in the field of General Surgery.

Cardiac Catheterization (Cardiac Cath.): A cardiac procedure where a thin plastic tube (catheter) is inserted into an artery or vein in the arm or leg. The catheter is then advanced into the chambers of the heart, or into the coronary arteries. This procedure is performed to obtain diagnostic information about the patient’s heart and blood vessels. It may also be used to provide therapeutic interventions in certain types of heart conditions.

Cardiology: The study of the heart and its functions.

Case Cart(s): Case Cart(s) are used to bring sterile materials and instruments from Sterile Processing Service (SPS) to the Operating Room. A typical case cart contains specific items required for each surgical case, including all required instruments and other supplies. After the operation is completed, reusable items are reloaded onto the cart and sent back to SPS for decontamination, disposal or reprocessing. Case carts are also supplied and kept in the surgery department for most frequently performed emergency cases.

Cardiothoracic OR: An operating room designed to support Cardiac and Thoracic surgeries using special equipment and generally requiring a larger space.

Clean Core: Operating rooms are grouped around a clean core. The Clean Core is used for sterile supply storage. This is the cleanest area of the entire Operating Suite. Only staff wearing appropriate surgical attire shall be permitted in the Clean Core.

Clinic Stop: A clinic stop is one encounter of a patient with a healthcare provider. Per these criteria, the clinic stop is a workload unit of measure for space planning. One individual patient can have multiple Clinic Stops in a single visit or in one day.

Complexity Level: See Surgical Complexity Level.

Control Station: A space located to permit visual observation of all traffic which enters the operating suite.

Departmental Net to Gross (DNTG) Conversion Factor: A parameter, determined by the VA for each space planning criteria chapter, used to convert the programmed Net Square Foot (NSF) area to the Department Gross Square Foot (DGSF) area. Refer to Section 8 Design Consideration.

Endovascular Service Procedure Rooms: Endovascular service procedure rooms consist of individual procedures such as cardiac catheterization laboratories, electrophysiology laboratories, interventional radiology (IR) laboratories and vascular surgery laboratories. Endovascular service procedure rooms provide minimally invasive image-guided diagnosis and treatment of diseases in every organ system. The range of procedures performed in these rooms are broad, the unifying concept behind these procedures is the use of current accepted interventional medical practice to provide the least invasive technique available in order to minimize risk to the patient and improve health outcomes.

Frozen Section Laboratory: This is the area for preparation and examination of frozen sections. The frozen section procedure is performed under a microscope by the surgical pathologist while surgery is taking place. Interpretation is rapid and results are communicated with the surgeon while surgery is taking place.

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 total
time commitment equals that of a full-time employee (40 hours per week).

**Functional Area:** The grouping of rooms and spaces based on their function within a clinical service. Typical Functional Areas are Reception Area, Patient Area, Support Area, Staff and Administrative Area, Education Area.

**Hybrid OR:** An operating room which integrates the traditional surgical functions of the OR with advanced imaging technologies. This is the largest OR in size.

**Immediate Use Sterilization:** It is a process designed for the steam sterilization of patient care items for immediate use. Also known as “emergent sterilization” or “flash sterilization”. An example would be a dropped instrument. Sterilizers for flash sterilization should be located as close as possible to the Operating Rooms, preferably in a shared space adjacent to the Operating Rooms with immediate access from the semi-restricted corridor for service.

**Inpatient Surgical / Endovascular Services:** Inpatient surgical and endovascular services is an integrated interventional platform which provides both surgical and endovascular services on either a single or vertically stacked platform (floor plate) consisting of dedicated interventional radiology, interventional cardiology (catheterization), electrophysiology and neurointerventional services including standard and complex surgical services. The operating rooms are larger and can accommodate more specialized equipment and technology, including intraoperative imaging, microsurgery and robotics. A special hybrid suite includes imaging capability, meaning, for example, that an angiogram can be performed during an operation without requiring movement of the patient to another location.

**Input Data Statement (IDS):** A set of questions designed to elicit information about the healthcare project in order to create a Program for Design (PFD) based on the criteria parameters set forth in this document. Input Data Statements could be Mission related; Workload or Staffing related. Workload IDSs use projections and data provided by the VHA or the VISN about the estimated number of patients by model of operation. This information is processed through mathematical and logical operations in SEPS.

**Integrated Surgical Platform:** Surgical services which are co-located with interventional cardiac and/or interventional radiology services. The surgical operating rooms, cardiac catheterization / procedure laboratories, and interventional radiology procedure rooms are located proximate to one another allowing joint use of perioperative nursing support services (preoperative and postoperative recovery nursing services) for multiple departments. In new construction, the ideal layout locates surgical operating rooms and interventional procedure rooms behind the red line of the semi-restricted area in the Surgical Services Department. A renovation project may be unable to expand the existing semi-restricted area to accommodate additional interventional rooms, but may be able to achieve horizontal or vertical adjacencies of the interventional procedure rooms with the surgical services department to facilitate joint use of perioperative nursing support services.

**Interventional Radiology (IR):** also known as vascular and interventional radiology (VIR) or surgical radiology, is a medical sub-specialty of radiology providing minimally-invasive image-guided procedures to diagnose and treat diseases in nearly every organ system. The concept behind interventional radiology is to diagnose and treat patients using the least invasive techniques currently available in order to minimize risk to the patient and improve health outcomes. These procedures have less risk, less pain and less recovery time in comparison to open surgery. The IR Suite utilizes the same imaging modality type a in a catheterization-EP Lab and/or hybrid OR, clinical staffing is different.
Invasive Cardiology: Procedures that include all invasive cardiac related services such as Cardiac Cath., Therapeutic Cardiovascular Procedures, Electrophysiology (EP) and Pacemaker Implantation.

Monoplane Hybrid OR: An operating room designed to accommodate use of a Monoplane advanced imaging technology system.

Monoplane System: Advanced interventional imaging technology which produces images along one axis or plane at a time. Multiple axis or plane images can only be produced by shooting images subsequently.

Net Square Feet (NSF): The area of a room or space derived by multiplying measurements of the room or space taken from the inside surface of one wall to the inside surface of the opposite wall.

Neurosurgical OR: An operating room designed to support Neurosurgical surgeries using special equipment and generally requiring a larger space.

Operating Room (OR): A room designed and equipped to perform a wide variety of surgical procedures involving the administration of anesthesia.

Orthopedic OR: An operating room designed to support orthopedic surgeries using special equipment and generally requiring a larger space.

Phase II Recovery: The patient is transitioned from Phase I recovery to Phase II recovery when intensive nursing care is no longer needed and the patient becomes more alert and functional. Phase II allows preparations to be made to progress the patient towards discharge to home.

Picture Archiving and Communication System (PACS) Viewing Room: A digital radiology reading room that consists of workstations for interpretation.

Pre-Operative Holding / Phase II Recovery: This is where the majority of surgical patients are prepared for their surgical procedures under the care of a nurse. In this area, the patient changes into a gown, a nursing assessment is performed and teaching is provided. Belongings will be secured, and an Intravenous line may be started. An Anesthesiology will interview the patient here and may give intravenous sedation. Patient will be transported from this area to the OR.

Post-Anesthesia Care Unit (PACU) / Phase I Recovery: Patient cubic area for the recovery of patients after surgical procedures. PACU/ Phase I Recovery is an area dedicated to receive patients following general anesthesia, regional anesthesia, or monitored anesthesia care. Phase I requires close monitoring, including airway, ventilator, and hemodynamic support. Patients are generally accommodated in a stretcher bay or cubicule.

Program for Design (PFD): A space program generated by SEPS based on criteria set forth in this document and specific information entered by the user / planner in response to the IDSs.

Robotics Surgery: A method to perform surgery using very small tools attached to a robotic arm controlled by the surgeon via computer.

Robotics OR: An operating room with appropriate infrastructure support to accommodate use of robotics equipment during a surgical procedure.

Room Efficiency Factor: A planning factor that provides flexibility in the utilization of a room to account for patient delays, scheduling conflicts, and equipment maintenance.
Common factors are in the 80 to 85% range. A room with 80% room efficiency provides a buffer to assume that this room would be available 20% of the time beyond the planned operational practices of the room. This factor may be adjusted based on the actual and/or anticipated operations and processes of the room / department.

**Scrubs Distribution Alcove:** This is a room or area to dispense and receive scrubs. Space may be provided within the locker rooms or directly adjacent to them. This may include an automated scrub management system / automated dispensing and receiving machine.

**Scrub Sink Area:** A space with at least one scrub position. A scrub position is equipped with a hands-free fixture to enable medical personnel to scrub their hands prior / after performing a surgical procedure; the hot / cold mixing valve is activated via a knee or foot control.

**SEPS (VA-SEPS):** Acronym for Space and Equipment Planning System, a digital tool developed by the Department of Veterans Affairs and the Department of Defense (DoD) to generate a Program for Design (PFD) and a Project Room Contents list (PRC) for a VA healthcare project based on this document’s approved Space Planning Criteria and specific project-related Mission, Workload and Staffing information entered by the user / planner in response to the Program Data Required - Input Data Statements (IDSs).

**Surgical Complexity Level:** Based on recommendation of the Operative Complexity and Infrastructure Workgroup VHA established the Procedure Infrastructure Matrix (PIM) and the Operative Complexity Matrix (OCM). A VHA facility with an Inpatient Surgical Program shall be designated as Standard, Intermediate or Complex while a VHA facility with an Ambulatory Surgery Program shall be designated as Basic or Advanced. The PIM documents the infrastructure requirements each facility type and the OCM establishes a complexity assignment to all surgical procedures by Current Procedure Terminology (CPT) code.

**Surgical Suite:** The surgical suite is a group of rooms designed to provide all surgical and endovascular services to patients. Includes surgical and endovascular procedure rooms, preparation and anesthesia for the patient, sterile preparation of the surgeon and surgical / interventional team members, equipment storage, post anesthesia care unit, phase II recovery rooms, satellite pharmacy, frozen section laboratory, staff changing-toilets and lounge including family waiting and consultation areas, and in general, encompasses all areas.

**Technical Information Library (TIL):** The Office of Construction & Facilities Management (CFM) provides support for all major construction and lease projects. The TIL contains design and construction standards for the Department of Veterans Affairs. The TIL is aimed at VA employees in medical centers, community based clinics, regional offices and national cemeteries as well as A/E consultants and provides relevant technical information for project development. Department of Veterans Affairs’ Technical Information Library (http://www.cfm.va.gov/TIL/).

**Transesophageal Echocardiography (TEE):** A diagnostic echocardiogram test which is done through the esophagus and employs ultrasound waves to make images of the heart chambers, valves, and surrounding structures. The esophagus is located directly behind the heart, and images from a TEE test can give very clear pictures of the heart and its structure.

**Transplant OR:** An operating room designed to support harvesting of body organs and tissues from one patient (donor), and transplantation of such organs and tissues into another patient (recipient.) Two OR’s are programmed allowing immediate transport from
the donor to the recipient.

Urology / Cystoscopy OR: An operating room designed to support Urology and Cystoscopy surgeries using special equipment and generally requiring a larger space.

Workload: Workload is the anticipated number of procedures or clinic stops that is processed through a department / service area. The total workload applied to departmental operational assumptions will determine overall room requirements by modality.

3 OPERATING RATIONALE AND BASIS OF CRITERIA

Surgical planned services approval and workload projections for specific services / modalities for a VA Medical Center, Hospital or Ambulatory Surgery Center (ASC) project are provided by Veterans Health Affairs (VHA) Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP). Project Planner shall request input from OSPA for General and Specialty ORs.

Invasive Cardiology workload projections for a specific VA Medical Center or Hospital project are provided by VA Office of Policy and Planning and the VISN Support Services Center (VSSC).

It is VHA policy that

VA medical facilities with an inpatient Surgical Program shall:

A. have a surgical complexity designation of either Standard, Intermediate, or Complex that determines the functions and spaces that will be provided; and

B. the scheduled (non-emergent) surgical procedures performed, are not to exceed the infrastructure capabilities of the facility.

VA medical facilities with an Ambulatory Surgery Center (ASC) shall:

A. have a surgical complexity designation of either Basic or Advanced that determines the functions and spaces that will be provided; and

B. the scheduled (non-emergent) surgical procedures performed, are not to exceed the infrastructure capabilities of the facility.

Space planning criteria have been developed on the basis of an understanding of the activities involved in the functional areas of Surgical and Endovascular Services and their relationship with other services of a medical facility. These criteria are predicated on established and/or anticipated best practice standards, as adapted to provide environments supporting the highest quality health care for Veterans.

These criteria are subject to modification relative to development in the equipment, medical practice, vendor requirements, and subsequent planning and design. The selection of the size and type of the Surgical and Endovascular Services equipment is determined by VACO and upon Veterans Health Administration (VHA) anticipated medical needs.

There is no direct correlation with demand and the Operative Complexity designation of the facility, although facilities with >50k patient uniques assigned tend to be Inpatient Complex.

Facility Operative Complexity designation is associated with a variable number of surgeon provider FTEs by specialty. Cardiothoracic Surgery, Neurosurgery, and Plastic
Surgery FTEs are only associated with Inpatient facilities with a surgical complexity designation of Complex.

VHA “operative complexity” establishes the infrastructure that is required at a VHA facility in relationship to the complexity of the surgical procedures being performed. This requirement ensures that the scope of the surgical procedure is within the capability of the facility. This requirement makes sure that surgeries are performed under the safest possible conditions.

Provision of services such as diagnostic evaluation; consultation; surgical physician staffing; operating room staffing, instruments, equipment, coverage, and radiology; anesthesia services; post anesthesia care unit; intensive care unit; ward; supply, processing, and distribution; and other support services shall be provided based on the assignment of the complexity level of the surgical services assigned.

Examples of procedures by complexity designation are:

A. Appendectomy (removal of the appendix) in Inpatient Standard.
B. Shoulder joint reconstruction in Inpatient Intermediate.
C. Coronary artery bypass graft (CABG), a type of open heart surgery in Inpatient Complex.
D. Surgical removal of a skin cancer in an Ambulatory Surgery Center (ASC) Basic.
E. Laparoscopic cholecystectomy (removal of the gallbladder) in an Ambulatory Surgery Center (ASC) Advanced.

Workload based Room Capacity calculation that is the number of annual procedures for a Cardiac Catheterization or an Electrophysiology Laboratory procedure room is based on the following formula and Table 1 below.

\[
\frac{\text{Operating days per year} \times \text{Hours of operation per day}}{\text{Duration of procedure in minutes / 60 minutes}} = \text{Room Capacity}
\]

The general planning model for VA facilities assumes 250 Operating Days per Year and 8 Hours of Operation per Day.

The Room Efficiency Factor for Interventional Cardiology is 85%.

Example: Annual Clinic Stops for Cardiac Catheterization (Stop Code 333) based upon an average of 100 minutes procedure duration, including set-up, procedure time and clean-up afterwards:

\[
\frac{250 \times 8}{100 / 60} = 1,177 \text{ annual procedures} = \text{Room Capacity}
\]

Based on those parameters, the maximum annual capacity of Cardiac Catheterization procedure room is 1,177 procedures per year, assuming 100% utilization. In order to define a planning standard a Room Efficiency Factor of 85% will be applied to this value.

\[1,177 \times 85\% = 1,000 \text{ annual Cardiac Catheterization procedures}\]

The minimum number of projected annual procedures to generate a room is set at 30% of the established Room Capacity for each procedure type.
TABLE 1: WORKLOAD PARAMETER CALCULATION

<table>
<thead>
<tr>
<th>INVASIVE CARDIO-VASCULAR SPECIALTIES</th>
<th>AVERAGE LENGTH OF CASE TIME (Minutes)</th>
<th>UTILIZATION RATE</th>
<th>ANNUAL WORKLOAD CAPACITY OF ONE ROOM</th>
<th>MINIMUM WORKLOAD TO GENERATE ONE ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cardiac Catheterization Stop Code 333</td>
<td>100</td>
<td>85%</td>
<td>1,000</td>
<td>300</td>
</tr>
<tr>
<td>Electrophysiology Laboratory Stop Code 369</td>
<td>180</td>
<td>85%</td>
<td>567</td>
<td>170</td>
</tr>
</tbody>
</table>

4 INPATIENT SURGICAL FACILITY INPUT DATA STATEMENTS

A. Inpatient Surgical Facility Mission Input Data Statements:
   1. Is Standard surgical complexity authorized for the Inpatient Surgical Facility? (M)
   2. Is Intermediate surgical complexity authorized for the Inpatient Surgical Facility? (M)
   3. Is Complex surgical complexity authorized for the Inpatient Surgical Facility? (M)
   4. Is a Family Waiting for the Inpatient Surgical Facility Reception Area authorized? (M)
   5. Is a Patient Education / Resource Room for the Inpatient Surgical Facility Reception Area authorized? (M)
   6. Is a PACS Viewing Room for the Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area authorized? (M)
   7. Is an Inpatient Surgical Facility Anesthesia Induction / Procedure Room authorized? (M)
   8. Is a Cardiothoracic Surgery Program or an Endovascular or a Trans-aortic Catheter Implant Surgical Program authorized? (M)
   9. Is a Satellite Laboratory for the Inpatient Surgical Facility Support Area authorized? (M) (Intermediate and Complex only)
  10. Is an Inpatient Surgical Facility Surgical Service Residency Program authorized? (M)
  11. How many Inpatient Surgical Facility Surgical Service Resident / Student FTE positions are authorized? (S)
  12. Is an Inpatient Surgical Facility Endovascular Service Residency Program authorized? (M)
      a. How many Inpatient Surgical Facility Endovascular Service Resident / Student FTE positions are authorized? (S)

B. Inpatient Surgical Facility Workload Input Data Statements:
   1. How many additional Inpatient Facility General Operating Rooms are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)
   2. How many Inpatient Facility Orthopedic Operating Rooms are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)
   3. How many Inpatient Facility Urology / Cystoscopy Operating Rooms are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)
Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)

4 How many Inpatient Facility Cardiothoracic Operating Rooms are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)

5 How many Inpatient Facility Neurosurgical Operating Rooms are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)

6 How many Inpatient Facility Robotics Operating Rooms are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)

7 How many Inpatient Facility Transplant Operating Rooms are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)

8 How many Inpatient Facility Monoplane Hybrid Operating Rooms are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)

9 How many Inpatient Facility Biplane Hybrid Operating Rooms are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)

10 How many annual Cardiac Catheterization clinic stops (Stop Code 333) are projected? (W)

11 How many annual Electrophysiology Laboratory clinic stops (Stop Code 369) are projected? (W)

C. Inpatient Surgical Facility Staffing Input Data Statements:

1 How many Inpatient Surgical Facility Surgical Service Assistant Chief FTE positions are authorized? (S)

2 How many Inpatient Surgical Facility Endovascular Service Assistant Chief FTE positions are authorized? (S)

3 How many Inpatient Surgical Facility Assistant Chief of Anesthesiology FTE positions are authorized? (S)

4 How many Inpatient Surgical Facility OR Nurse Manager FTE positions are authorized? (S)

5 How many Inpatient Surgical Facility Nurse Anesthetist FTE positions are authorized? (S)

6 How many Inpatient Surgical Facility OR Coordinator FTE positions are authorized? (S)

7 How many Inpatient Surgical Facility Staff Surgeon FTE positions are authorized? (S)

8 How many Inpatient Surgical Facility Surgical Services Scheduler FTE positions are authorized? (S)

9 How many Inpatient Surgical Facility Endovascular Services Scheduler FTE positions are authorized? (S)
D. Inpatient Surgical Facility Miscellaneous Input Data Statements:

1. How many Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area FTE Staff positions working on peak shift are authorized? (Misc)
2. How many Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area FTE Staff positions working on peak shift are authorized? (Misc)
3. How many Inpatient Surgical Facility Surgical and Endovascular Services FTE positions working on peak shift are authorized? (Misc)

5 INPATIENT SURGICAL FACILITY SPACE CRITERIA

For functional descriptions of key spaces, refer to PG-18-12: Surgical and Endovascular Services.

A FA 1: Inpatient Surgical Facility Reception Area:

1. Waiting, General (WTG08) ................................................... 170 NSF (15.8 NSM)

   Provide one if Standard, Intermediate or Complex surgical complexity is authorized and if two Inpatient Surgical Facility Surgical Operating Room and Endovascular Procedure Room, of any type, are generated; provide WTG12 if three Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, are generated; provide WTG16 if four Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, are generated; provide WTG20 if five Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, are generated; provide WTG24 if six Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, are generated; provide WTG28 if seven Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, are generated; provide WTG32 if eight Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, are generated; provide WTG36 if nine Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, are generated; provide WTG40 if ten Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, are generated.

   Locate adjacent to the patient entrance. It shall be under visual control of the Reception / Registration.

   WTG08: Allocated space accommodates six standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total eight people.

   WTG12: Allocated space accommodates ten standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total twelve people.

   WTG16: Allocated space accommodates twelve standard chairs @ 9 NSF each, two bariatric chairs @ 14 NSF each, two accessible spaces @ 10 NSF each, and circulation; total sixteen people.

   WTG20: Allocated space accommodates sixteen standard chairs @ 9 NSF each, two bariatric chairs @ 14 NSF each, two accessible spaces @ 10 NSF each, and circulation; total twenty people.
WTG24: Allocated space accommodates twenty standard chairs @ 9 NSF each, two bariatric chairs @ 14 NSF each, two accessible spaces @ 10 NSF each, and circulation; total twenty-four people.

WTG28: Allocated space accommodates twenty-two standard chairs @ 9 NSF each, three bariatric chairs @ 14 NSF each, three accessible spaces @ 10 NSF each, and circulation; total twenty-eight people.

WTG32: Allocated space accommodates twenty-six standard chairs @ 9 NSF each, three bariatric chairs @ 14 NSF each, three accessible spaces @ 10 NSF each, and circulation; total thirty-two people.

WTG36: Allocated space accommodates twenty-eight standard chairs @ 9 NSF each, four bariatric chairs @ 14 NSF each, four accessible spaces @ 10 NSF each, and circulation; total thirty-six people.

WTG40: Allocated space accommodates thirty-two standard chairs @ 9 NSF each, four bariatric chairs @ 14 NSF each, four accessible spaces @ 10 NSF each, and circulation; total forty people.

2 Waiting, Family (WTF03) .......................................................... 225 NSF (21.0 NSM)
Provide one if Standard, Intermediate or Complex surgical complexity is authorized and if a Family Waiting for the Inpatient Surgical Facility Reception Area is authorized.

Allocated NSF accommodates two standard chairs @ 9 NSF each, one bariatric chair at 14 NSF, one accessible space @ 10 NSF, one child table and chairs @ 50 NSF, and circulation; total eight people. This space shall be incorporated within the General Waiting.

3 Reception / Registration (RCP03) ........................................... 385 NSF (35.8 NSM)
Provide one if Standard, Intermediate or Complex surgical complexity is authorized.

Allocated NSF accommodates three Receptionist FTEs, patient privacy area, and circulation. Allocated NSF accommodates patient check-in and scheduling activities.

4 Kiosk, Patient Check-In (RCHK2) ......................................... 105 NSF (9.8 NSM)
Provide one if Standard, Intermediate or Complex surgical complexity is authorized.

Allocated NSF accommodates two Display Kiosks, patient privacy area, and circulation.

5 Toilet, Public (TNPG1) ............................................................ 60 NSF (5.6 NSM)
Minimum two if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional two for every increment of five Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, greater than five.

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

6 Toilet, Family (TNPFM) .......................................................... 80 NSF (7.5 NSM)
Provide one for the Inpatient Surgical Facility Reception Area if Standard, Intermediate or Complex surgical complexity is authorized.
Allocated NSF accommodates one accessible toilet @ 25 NSF, one wall-hung lavatory @ 12 NSF, ABA clearances, and circulation. Locate adjacent to Public Toilet.

7 **Patient Education / Resource Kiosk (CLSC1) ......................30 NSF (2.8 NSM)**

Provide one if Standard, Intermediate or Complex surgical complexity is authorized and if a Patient Education / Resource Room for the Inpatient Surgical Facility Reception Area is not authorized.

This Kiosk is used to provide medical information for patients and visitors. Locate accessible to General Waiting.

8 **Patient Education / Resource Room (CLSC3) .....................120 NSF (11.2 NSM)**

Provide one if Standard, Intermediate or Complex surgical complexity is authorized and if a Patient Education / Resource Room for the Inpatient Surgical Facility Reception Area is authorized.

This space is used for private patient education and for electronic / printed medical information for patients and visitors. Locate near General Waiting.

9 **Consult Room (OFDC2) .................................................120 NSF (11.2 NSM)**

Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one if the total number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, is greater than five.

10 **Alcove, Refreshment Center (NCWD4) .........................60 NSF (5.6 NSM)**

Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one if the total number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, is greater than ten.

11 **Storage, Wheelchair / Litter (SRLW1) .............................30 NSF (2.8 NSM)**

Provide one for the Inpatient Surgical Facility Reception Area if Standard, Intermediate or Complex surgical complexity is authorized.

**FA 2: Inpatient Surgical Facility Pre-Operative Assessment Unit Area:**

1 **Waiting, Pre-Operative Assessment Unit (WTG06) ............130 NSF (12.1 NSM)**

Provide one if Standard, Intermediate or Complex surgical complexity is authorized and three or four Inpatient Surgical Facility Pre-Operative Assessment Unit Exam Rooms are generated; provide WTG09 if five or six Inpatient Surgical Facility Pre-Operative Assessment Unit Exam Rooms are generated; provide WTG12 if seven or eight Inpatient Surgical Facility Pre-Operative Assessment Unit Exam Rooms are generated.

Locate adjacent to patient entrance. It shall be under visual control of the Inpatient Surgical Facility Pre-Operative Assessment Unit Reception / Registration.

WTG06: Allocated space accommodates four standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total six people.

WTG09: Allocated space accommodates seven standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total nine people.
WTG12: Allocated space accommodates ten standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total twelve people.

2 Reception / Registration, Pre-Operative Assessment Unit (RCP02) ........................... 260 NSF (24.2 NSM)  
Provide one if Standard, Intermediate or Complex surgical complexity is authorized.  
This space is used for patient check-in, scheduling activities, and storage of patients’ surgical charts.

3 Exam Room (EXRG3) .......................................................... 120 NSF (11.2 NSM)  
Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of three Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any type, greater than three; maximum six (Exam Rooms).

4 Toilet, Patient (TPG01)............................................................. 60 NSF (5.6 NSM)  
Provide two for the Inpatient Surgical Facility Pre-Operative Assessment Unit Area if Standard, Intermediate or Complex surgical complexity is authorized.  
Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation. This space is used to collect pre-operative patients’ urine specimens.

5 Alcove, Specimen Collection (RCA07) ................................... 60 NSF (5.6 NSM)  
Provide one for the Inpatient Surgical Facility Pre-Operative Assessment Unit Area if Standard, Intermediate or Complex surgical complexity is authorized.

6 Utility Room, Clean (UCCL1) ................................................. 100 NSF (9.3 NSM)  
Provide one for the Inpatient Surgical Facility Pre-Operative Assessment Unit Area if Standard, Intermediate or Complex surgical complexity is authorized.

7 Utility Room, Soiled (USCL1) .................................................. 90 NSF (8.4 NSM)  
Provide one for the Inpatient Surgical Facility Pre-Operative Assessment Unit Area if Standard, Intermediate or Complex surgical complexity is authorized.

8 Team Room (WRTM4) .......................................................... 180 NSF (16.8 NSM)  
Provide one for the Inpatient Surgical Facility Pre-Procedure Assessment Unit Area if Intermediate or Complex surgical complexity is authorized.  
This shared workspace is for anesthesia providers, nurses, and other Inpatient Surgical Facility Pre-Operative Assessment Unit staff not assigned a dedicated office or workstation.

9 Storage, Equipment / Clean Supply (SRE01) ..................... 120 NSF (11.2 NSM)  
Provide one for the Inpatient Surgical Facility Pre-Operative Assessment Unit Area if Standard, Intermediate or Complex surgical complexity is authorized.  
This space is used to store equipment and clean supplies.
FA 3: Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery

Patient Area:

1. **Locker / Changing Room, Male Patient (LR002) .................90 NSF (8.4 NSM)**
   Provide one for the Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

2. **Toilet, Pre-Operative Holding / Phase II Recovery Male Patient (TPG01) ............................................................... 60 NSF (5.6 NSM)**
   Provide one for the Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.
   
   Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

3. **Locker / Changing Room, Female Patient (LR002) ...............90 NSF (8.4 NSM)**
   Provide one for the Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

4. **Toilet, Pre-Operative Holding / Phase II Recovery Female Patient (TPG01) ................................................................. 60 NSF (5.6 NSM)**
   Provide one for the Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.
   
   Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

5. **Patient Bay, Pre-Operative Holding / Phase II Recovery (RRPR1).........140 NSF (13.1 NSM)**
   Minimum five if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional three per each Inpatient Surgical Facility Surgical Operating Room and Endovascular Procedure Room, of any type, greater than two.

6. **Patient Room, Pre-Operative Holding / Phase II Recovery (RRPR2)..........140 NSF (13.1 NSM)**
   Provide one for the Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

7. **Toilet, Pre-Operative Holding / Phase II Recovery Patient (TPG01) .................60 NSF (5.6 NSM)**
   Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of six Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Bays greater than five.
   
   Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.
8 Nurse Station (NSTA2) .........................................................160 NSF (14.9 NSM)
Minimum NSF if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional 30 NSF for every increment of three Inpatient
Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Bays greater
than twelve.

9 Workroom, Provider (WRCH1) ............................................160 NSF (14.9 NSM)
Minimum NSF if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional 20 NSF per each Inpatient Surgical Facility
Surgical Operating Room and Endovascular Procedure Room, of any type,
greater than eight.

Allocated NSF may be provided centralized or decentralized during project
design. This is a touchdown space for dictation and charting.

10 Handwashing Station (SINK1).................................................10 NSF (1.0 NSM)
Minimum one if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional one for every increment of six Inpatient Surgical
Facility Pre-Operative Holding / Phase II Recovery Patient Bays greater than six.

11 Nourishment Room (NCWD3) .................................................80 NSF (7.5 NSM)
Minimum one if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional one for every increment of ten Inpatient Surgical
Facility Pre-Operative Holding / Phase II Recovery Patient Bays greater than ten.

12 Viewing Room, Picture Archiving and
Communication System - PACS (XVC01) .................................160 NSF (14.9NSM)
Provide one if Standard, Intermediate or Complex surgical complexity is
authorized and if a PACS Viewing Room for the Inpatient Surgical Facility Pre-
Operative Holding / Phase II Recovery Patient Area is authorized.

13 Alcove, Crash Cart (RCA01) ....................................................20 NSF (1.9 NSM)
Minimum one if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional one for every increment of twelve Inpatient
Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Bays greater
than twelve.

14 Alcove, Clean Linen (LCCL3) ..................................................90 NSF (8.4 NSM)
Minimum one if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional one for every increment of ten Inpatient Surgical
Facility Pre-Operative Holding / Phase II Recovery Patient Bays greater than ten.

15 Alcove, Portable Imaging Equipment (XRM01) ......................30 NSF (2.8 NSM)
Minimum one if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional one for every increment of twenty-four Inpatient
Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Bays greater
than twenty-four.

16 Utility Room, Clean (UCCL1) ..................................................120 NSF (11.2 NSM)
Minimum one if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional one for every increment of ten Inpatient Surgical
Facility Pre-Operative Holding / Phase II Recovery Patient Bays greater than ten.
17 **Utility Room, Soiled (USCL1)** .......................................................... 100 NSF (9.3 NSM)  
Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of ten Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Bays greater than ten.

18 **Storage, Equipment (SRE01)** .................................................. 120 NSF (11.2 NSM)  
Provide one for the Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

19 **Housekeeping Aides Closet (HAC) (JANC1)** .......................... 60 NSF (5.6 NSM)  
Provide one for the Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

20 **Lounge, Staff (SL001)** .......................................................... 120 NSF (11.2 NSM)  
Minimum NSF if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional 15 NSF per each Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area FTE Staff position working on peak shift greater than six.

21 **Toilet, Staff (TNPG1)** ............................................................. 60 NSF (5.6 NSM)  
Provide two for the Inpatient Surgical Facility Pre-Operative Holding / Phase II Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

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

FA 4: Inpatient Surgical Facility Anesthesia Procedure Patient Area:

1 **Anesthesia Induction / Procedure Room (ORPP3)** ............ 360 NSF (33.5 NSM)  
Provide one if Standard, Intermediate or Complex surgical complexity is authorized and if an Inpatient Surgical Facility Anesthesia Induction / Procedure Room is authorized.

Allocated NSF accommodates two patient beds. Space is used for placement of blocks and other anesthesia procedures that need to be conducted prior to a patient's surgical procedure.

2 **Nurse Station, Anesthesia Induction / Procedure Room (NSTA3)** ............ 60 NSF (5.6 NSM)  
Provide one if Standard, Intermediate or Complex surgical complexity is authorized and if an Inpatient Surgical Facility Anesthesia Induction / Procedure Room is authorized.

This space allows monitoring of patients who have had regional blocks or other anesthesia procedures. This space may be combined with the Nurse Station for the Pre-Operative Holding / Phase II Recovery Patient Area.

3 **Clean Workroom, Anesthesia (ANCW2)** ............................ 240 NSF (22.3 NSM)  
Minimum NSF if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional 60 NSF per each Inpatient Surgical Facility Surgical Operating Room and Endovascular Procedure Room, of any type, greater than four; maximum 600 NSF.
4 Equipment Room, Anesthesia (SRE02) .............................. 120 NSF (11.2 NSM)
Minimum NSF if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional 120 NSF if the total number of Inpatient Surgical
Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any
type, is greater than six.

5 Medication Room (MEDP2) ..................................................... 80 NSF (7.5 NSM)
Minimum one if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional one if the total number of Inpatient Surgical
Facility Surgical Operating Rooms and Endovascular Procedure Rooms, of any
type, is greater than six.

6 Team Room, Anesthesiology (WRTM4) ............................. 180 NSF (16.8 NSM)
Minimum NSF if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional 30 NSF per each Inpatient Surgical Facility
Surgical Operating Room and Endovascular Room, of any type, greater than two;
maximum 360 NSF.

Minimum allocated NSF provides space for six computer workstations.

FA 5: Inpatient Surgical Facility Surgical Service Patient Area:

1 Control Station (NSTA5) ...................................................... 120 NSF (11.2 NSM)
Provide one for the Inpatient Surgical Facility Surgical Service Patient Area if
Standard, Intermediate or Complex surgical complexity is authorized.

Locate this space to allow visual observation of all traffic coming into the semi-
restricted area of the Inpatient Surgical Facility Surgical Service Patient Area. The
Surgical Program Scheduler may be located here.

2 Operating Room, General (ORGS1) ............................. 650 NSF (60.4 NSM)
Minimum two if Standard, Intermediate or Complex surgical complexity is
authorized; provide additional ones as required by the Office of Strategic Planning
and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health
for Policy and Planning (ADUSH / OPP) for this location.

3 Equipment Room, General (ORGE1) ............................. 200 NSF (18.6 NSM)
Minimum NSF if Standard, Intermediate or Complex surgical complexity is
authorized; provide an additional 50 NSF per each Inpatient Surgical Facility
General Operating Room greater than four.

4 Operating Room, Orthopedic (OROS1) ............................. 750 NSF (69.7 NSM)
Provide one per each Inpatient Surgical Facility Orthopedic Operating Room
required by the Office of Strategic Planning and Analysis (OSPA) Office of the
Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP)
for this location if Standard, Intermediate or Complex surgical complexity is
authorized.

5 Equipment Room, Orthopedic (OROE1) ............................. 180 NSF (16.8 NSM)
Provide one per each Inpatient Surgical Facility Orthopedic Operating Room if
Standard, Intermediate or Complex surgical complexity is authorized.
6 Operating Room, Urology / Cystoscopy (ORCS1) .............650 NSF (60.4 NSM)

Provide one per each Inpatient Surgical Facility Urology / Cystoscopy Operating Room required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location if Standard, Intermediate or Complex surgical complexity is authorized.

This OR provides a fixed operating table; fluoroscopy shielded control is provided within the room. Coordinate final location of this space with Urology Clinic.

7 Equipment Room, Urology / Cystoscopy (ORCE1) ...........100 NSF (9.3 NSM)

Provide one per each Inpatient Surgical Facility Urology / Cystoscopy Operating Room if Standard, Intermediate or Complex surgical complexity is authorized.

8 Operating Room, Cardiothoracic (ORCT1) .....................750 NSF (69.7 NSM)

Provide one per each Inpatient Surgical Facility Cardiothoracic Operating Room required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location if Intermediate or Complex surgical complexity is authorized.

9 Equipment Room, Cardiothoracic (ORCM1) ...............180 NSF (16.8 NSM)

Provide one per each Inpatient Surgical Facility Cardiothoracic Operating Room if Intermediate or Complex surgical complexity is authorized.

10 Pump Room, Cardiothoracic OR (ORHL1) .....................260 NSF (24.2 NSM)

Provide one per each Inpatient Surgical Facility Cardiothoracic Operating Room if Intermediate or Complex surgical complexity is authorized.

This space is provided to accommodate extra corporeal pump(s), supplies, accessories and service area when open heart surgery is performed. It should be located in the OR restricted area, preferably adjacent to the Cardiothoracic Operating Room.

11 Operating Room, Neurosurgical (ORNS1) .....................750 NSF (69.7 NSM)

Provide one per each Neurosurgical Operating Room required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location if Complex surgical complexity is authorized.

12 Equipment Room, Neurosurgical (ORNE1) .................180 NSF (16.8 NSM)

Provide one per each Inpatient Surgical Facility Neurosurgical Operating Room if Complex surgical complexity is authorized.

13 Operating Room, Robotics (ORRB1) .........................750 NSF (69.7 NSM)

Provide one per each Robotics Operating Room required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location if Complex surgical complexity is authorized.

14 Equipment Room, Robotics (ORRE1) .......................180 NSF (16.8 NSM)

Provide one per each Inpatient Surgical Facility Robotics Operating Room if Complex surgical complexity is authorized.
15 **Operating Room, Transplant (ORTR1)** ........................................ 750 NSF (69.7 NSM)
Provide one per each Transplant Operating Room required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location if Complex surgical complexity is authorized.

16 **Equipment Room, Transplant (ORTE1)** ..................................... 180 NSF (16.8 NSM)
Provide one per each Inpatient Surgical Facility Transplant Operating Room if Complex surgical complexity is authorized.

17 **Operating Room, Monoplane Hybrid (ORHY1)** .......................... 900 NSF (83.7 NSM)
Provide one per each Monoplane Hybrid Operating Room required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location if Complex surgical complexity is authorized.

18 **Operating Room, Biplane Hybrid (ORHY2)** ............................... 900 NSF (83.7 NSM)
Provide one per each Biplane Hybrid Operating Room required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location if Complex surgical complexity is authorized.

19 **Control Room, Hybrid OR (ORHC1)** ....................................... 220 NSF (20.5 NSM)
Provide one per each Inpatient Surgical Facility Monoplane and Biplane Hybrid Operating Room if Complex surgical complexity is authorized.

20 **System Component Room, Hybrid OR (XCCA1)** ....................... 150 NSF (14.0 NSM)
Provide one per each Inpatient Surgical Facility Monoplane and Biplane Hybrid Operating Room if Complex surgical complexity is authorized.

21 **Equipment Room, Hybrid OR (ORHE1)** .................................... 200 NSF (18.6 NSM)
Provide one per each Inpatient Surgical Facility Monoplane and Biplane Hybrid Operating Room if Complex surgical complexity is authorized.

22 **Pump Room, Hybrid OR (ORHL1)** ............................................ 260 NSF (24.2 NSM)
Provide one per each Inpatient Surgical Facility Monoplane and Biplane Hybrid Operating Room if Complex surgical complexity is authorized.

   This space is provided to accommodate extra corporeal pump(s), supplies, accessories and service area when open heart surgery is performed. It should be located in the OR restricted area, preferably adjacent to the Hybrid Operating Room.

23 **Scrub Sink Area (ORSA1)** ...................................................... 20 NSF (1.9 NSM)
Provide one per each Inpatient Surgical Facility Surgical Operating Room, of any type if Standard, Intermediate or Complex surgical complexity is authorized.

24 **Storage, Stretcher (SRLW2)** ................................................... 40 NSF (3.8 NSM)
Minimum two if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one per each Inpatient Surgical Facility Surgical Operating Room, of any type, greater than two.

   Locate resulting spaces near each Inpatient Surgical Facility Operating Room’s entry doors. This area can be used for patient beds, patient specialty beds, stretchers, and gurneys.
FA 6: Inpatient Surgical Facility Endovascular Service Patient Area:

1. **Cardiac Catheterization Laboratory (XCCE1)**
   - Provide one for every increment of 1,000 projected annual Cardiac Catheterization clinic stops (Stop Code 333) if Intermediate or Complex surgical complexity is authorized; minimum annual workload to generate a room is 300.
   - NSF = 850, NSM = 79.0

2. **Control Room, Cardiac Catheterization (XCCC1)**
   - Provide one per each Cardiac Catheterization Laboratory if Intermediate or Complex surgical complexity is authorized.
   - NSF = 220, NSM = 20.5

3. **System Component Room, Cardiac Catheterization (XCCA1)**
   - Provide one per each Cardiac Catheterization Laboratory if Intermediate or Complex surgical complexity is authorized.
   - NSF = 150, NSM = 14.0

4. **Procedure Room, Electrophysiology (XCEP1)**
   - Provide one for every increment of 567 projected annual Electrophysiology Laboratory clinic stops (Stop Code 369) if Intermediate or Complex surgical complexity is authorized; minimum annual workload to generate a room is 170.
   - NSF = 900, NSM = 83.7

5. **Control Room, Electrophysiology (XCEC1)**
   - Provide one per each Electrophysiology Procedure Room if Intermediate or Complex surgical complexity is authorized.
   - NSF = 220, NSM = 20.5

6. **System Component Room, Electrophysiology (XCCA1)**
   - Provide one per each Electrophysiology Procedure Room if Intermediate or Complex surgical complexity is authorized.
   - NSF = 150, NSM = 14.0

7. **Equipment Room, Cardiac Catheterization Laboratory and Electrophysiology (OREE1)**
   - Minimum NSF; provide an additional 100 NSF per each Cardiac Catheterization Laboratory and Electrophysiology Procedure Room greater than two if Intermediate or Complex surgical complexity is authorized.
   - NSF = 180, NSM = 16.8

8. **Transesophageal Echocardiograph (TEE) Procedure Room (TRTE1)**
   - Provide one for the Inpatient Surgical Facility Endovascular Service Patient Area if Intermediate or Complex surgical complexity is authorized.
   - NSF = 350, NSM = 32.6

9. **Decontamination, TEE Probe (TRTE2)**
   - Provide one for the Inpatient Surgical Facility Endovascular Service Patient Area if Intermediate or Complex surgical complexity is authorized.
   - NSF = 160, NSM = 14.9

10. **Storage, Clean TEE Probe (TRTE3)**
    - Provide one for the Inpatient Surgical Facility Endovascular Service Patient Area if Intermediate or Complex surgical complexity is authorized.
    - NSF = 70, NSM = 6.6

11. **Scrub Sink Area (ORSA1)**
    - Provide one per each Inpatient Surgical Facility Endovascular Procedure Room, of any type if Intermediate or Complex surgical complexity is authorized.
    - NSF = 20, NSM = 1.9

12. **Storage, Stretcher (SRLW2)**
    - Minimum two if Intermediate or Complex surgical complexity is authorized; provide an additional one per each Inpatient Surgical Facility Endovascular Procedure Room, of any type, greater than two.
    - NSF = 40, NSM = 3.8
Locate Stretcher Storage at the entrance to the Procedure Room. This area can be used for patient beds, patient specialty beds, stretchers, and gurneys.

**FA 7: Inpatient Surgical Facility Clean Core Area:**

1. **Clean Core,**
   Surgical and Endovascular Services (ORCC2) ............... 660 NSF (61.4 NSM)
   Minimum NSF if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional 330 NSF per each Inpatient Surgical Facility Surgical Operating Room and Endovascular Service Procedure Room, of any type, greater than two.

   Minimum allocated NSF accommodates sterile supplies, holding area for clean case carts and blanket warmer for two Operating Rooms. A Clean Core Area shall serve a maximum of eight ORs in a "pod" configuration; the minimum number of ORs in a "pod" shall be two.

2. **Immediate Use Sterilization Room (ORSR1) .................. 185 NSF (17.2 NSM)**
   Minimum one if Standard, Intermediate or Complex surgical complexity is authorized and if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between two and eight; provide an additional one if the number of Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between nine and sixteen; provide an additional two if the number of Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is greater than sixteen.

   Minimum allocated NSF accommodates decontamination and sterilization of surgical materials and instruments.

3. **Alcove, Blood Bank Refrigerator (RCA03) ...................... 30 NSF (2.8 NSM)**
   Minimum one if Standard, Intermediate or Complex surgical complexity is authorized and if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between two and eight; provide an additional one if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between nine and sixteen; provide an additional two if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is greater than sixteen.

4. **Cart Holding, Clean (CHC01) ............................................... 120 NSF (11.2 NSM)**
   Provide one for the Clean Core Area if Standard, Intermediate or Complex surgical complexity is authorized.

   Locate this space immediately adjacent to the Clean Case Cart Elevator if Sterile Processing Service is on a different floor than the Surgical and Endovascular Services.

**FA 8: Inpatient Surgical Facility Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area:**

1. **Patient Bay, PACU / Phase I Recovery (RRBP1) ............... 110 NSF (10.3 NSM)**
   Minimum three if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional two per each Surgical Operating Room and Endovascular Service Procedure Room, of all types, greater than two.
2 Airborne Infection Isolation (All), Patient Room, PACU / Phase I Recovery (RRIR1) .......... 150 NSF (14.0 NSM)
   Provide one for the Inpatient Surgical Facility Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

3 Airborne Infection Isolation (All), Anteroom, PACU / Phase I Recovery (BRAR1) ............... 80 NSF (7.5 NSM)
   Provide one for the Inpatient Surgical Facility Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

4 Nurse Station, PACU / Phase I Recovery (NSTA1) ............. 120 NSF (11.2 NSM)
   Minimum NSF if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional 30 NSF for every increment of three Inpatient Surgical Facility Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

   Resulting NSF may be distributed, centralized or decentralized, to accommodate floor plan design.

5 Handwashing Station (SINK1) ................................................. 10 NSF (1.0 NSM)
   Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of six Inpatient Surgical Facility Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than six.

6 Viewing Room, Picture Archiving and Communication System - PACS (XVC01) ..................... 160 NSF (14.9 NSM)
   Provide one for the Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

7 Medication Room (MEDP2) ...................................................... 80 NSF (7.5 NSM)
   Provide one for the Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

8 Utility Room, Clean (UCCL1) ................................................ 120 NSF (11.2 NSM)
   Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of twelve Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

9 Utility Room, Soiled (USCL1) .............................................. 100 NSF (9.3 NSM)
   Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of twelve Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

10 Alcove, Crash Cart (RCA01) ................................................... 20 NSF (1.9 NSM)
    Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of twelve Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.
11 Alcove, Clean Linen (LCCL3) ........................................... 40 NSF (3.8 NSM)
Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of twelve Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

12 Alcove, Portable Imaging Equipment (XRM01) ............... 40 NSF (3.8 NSM)
Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of twelve Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

13 Alcove, Blanket Warmer (RCA04) .................................. 20 NSF (1.9 NSM)
Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of twelve Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

14 Storage, Equipment (SRE01) ......................................... 100 NSF (9.3 NSM)
Provide one for the Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

15 Housekeeping Aides Closet (HAC) (JANC1) .................... 60 NSF (5.6 NSM)
Provide one for the Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

16 Lounge, Staff (SL001) ................................................... 120 NSF (11.2 NSM)
Minimum NSF if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional 15 NSF per each Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area FTE Staff position working on peak shift greater than six.

17 Toilet, Staff (TNPG1) ................................................... 60 NSF (5.6 NSM)
Provide two for the Inpatient Surgical Facility Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Standard, Intermediate or Complex surgical complexity is authorized.

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

FA 9: Inpatient Surgical Facility Support Area:

1 Instrument Room (XCCI1) ............................................. 100 NSF (9.3 NSM)
Provide one for the Inpatient Surgical Facility Support Area if Standard, Intermediate or Complex surgical complexity is authorized.

2 Laboratory, Satellite (LBSP2) ........................................ 140 NSF (13.1 NSM)
Provide one if Intermediate or Complex surgical complexity is authorized and if a Satellite Laboratory for the Inpatient Surgical Facility Support Area is authorized.

3 Laboratory, Frozen Section (LBUL1) ............................... 120 NSF (11.2 NSM)
Provide one for the Inpatient Surgical Facility Support Area if Intermediate or Complex surgical complexity is authorized.
This space is used for the preparation and examination of frozen section tissue specimens.

4 Pharmacy, Satellite (PHDS1) .............................................. 120 NSF (11.2 NSM)
   Provide one for the Inpatient Surgical Facility Support Area if Intermediate or Complex surgical complexity is authorized.

5 Medication Room (MEDP2) .................................................... 80 NSF (7.5 NSM)
   Provide one for the Inpatient Surgical Facility Support Area if Standard, Intermediate or Complex surgical complexity is authorized.

6 Viewing Room, Picture Archiving and Communication System – PACS (XVC01)  ................. 120 NSF (11.2 NSM)
   Minimum NSF if Standard, Intermediate or Complex surgical complexity is authorized, provide an additional 100 NSF for every increment of two Inpatient Surgical Facility Monoplane and Biplane Hybrid ORs, Orthopedic ORs, Cardiac Catheterization Laboratories and Electrophysiology Procedure Rooms greater than one; maximum 320 NSF.

7 Surgery Integration Server Room (CMP02) ......................... 100 NSF (9.3 NSM)
   Provide one for the Inpatient Surgical Facility Support Area if Standard, Intermediate or Complex surgical complexity is authorized.

8 Utility Room, Surgical Clean (UCCL3) ................................. 100 NSF (9.3 NSM)
   Minimum one if Standard, Intermediate or Complex surgical complexity is authorized and if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between two and eight; provide an additional one if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between nine and sixteen; provide an additional two if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between thirteen and sixteen; provide an additional four if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is greater than sixteen.

9 Alcove, Crash Cart (RCA01) ................................................. 20 NSF (1.9 NSM)
   Minimum one if Standard, Intermediate or Complex surgical complexity is authorized and if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between two and four; provide an additional one if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between five and eight; provide an additional two if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between nine and twelve; provide an additional three if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between thirteen and sixteen; provide an additional four if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is greater than sixteen.

10 Cart Holding, Soiled (CHS01) ............................................. 100 NSF (9.3 NSM)
    Minimum NSF if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional 15 NSF per each Inpatient Surgical Facility Surgical Operating Room and Endovascular Service Procedure Room, of any type, greater than eight.
Locate this space adjacent to the soiled case cart elevator entry if the Sterile Processing Service is on a different floor.

11 Storage, Gas Cylinder (SRGC3) ........................................... 120 NSF (11.2 NSM)
  Provide one for the Inpatient Surgical Facility Support Area if Standard, Intermediate or Complex surgical complexity is authorized.

This space provides storage for back-up oxygen cylinders.

12 Chute Room, Waste Disposal (UTLC2) .................................. 100 NSF (9.3 NSM)
  Provide one for the Inpatient Surgical Facility Support Area if Standard, Intermediate or Complex surgical complexity is authorized.

13 Chute Room, Soiled Linen Disposal (UTLC3) ....................... 100 NSF (9.3 NSM)
  Provide one for the Inpatient Surgical Facility Support Area if Standard, Intermediate or Complex surgical complexity is authorized.

14 Housekeeping Aides Closet (HAC) (JANC1) .......................... 60 NSF (5.6 NSM)
  Minimum one if Standard, Intermediate or Complex surgical complexity is authorized and if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between two and eight; provide an additional one if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is between nine and sixteen; provide an additional two if the number of Inpatient Surgical Facility Surgical Operating Rooms and Endovascular Service Procedure Rooms, of any type, is greater than sixteen.

FA 10: Inpatient Surgical Facility Staff and Administrative Area:

1 Office, Chief of Surgical Service (OFA09) ............................ 100 NSF (9.3 NSM)
  Provide one for the Inpatient Surgical Facility Staff and Administrative Area if Standard, Intermediate or Complex surgical complexity is authorized.

2 Office, Chief of Endovascular Service (OFA09) ................. 100 NSF (9.3 NSM)
  Provide one for the Inpatient Surgical Facility Staff and Administrative Area if Intermediate or Complex surgical complexity is authorized.

3 Office, Assistant Chief of Surgical Service (OFA09) ........... 100 NSF (9.3 NSM)
  Provide one per each Inpatient Surgical Facility Surgical Service Assistant Chief FTE position authorized if Standard, Intermediate or Complex surgical complexity is authorized.

4 Office, Assistant Chief of Endovascular Service (OFA09) .. 100 NSF (9.3 NSM)
  Provide one per each Inpatient Surgical Facility Endovascular Service Assistant Chief FTE position authorized if Complex surgical complexity is authorized.

5 Office, Anesthesiology Chief (OFA09) ............................... 100 NSF (9.3 NSM)
  Provide one for the Inpatient Surgical Facility Staff and Administrative Area if Standard, Intermediate or Complex surgical complexity is authorized.

6 Office, Assistant Chief of Anesthesiology (OFA09) ......... 100 NSF (9.3 NSM)
  Provide one per each Inpatient Surgical Facility Assistant Chief of Anesthesiology FTE position authorized if Standard, Intermediate or Complex surgical complexity is authorized.
7 Office, OR Nurse Manager (OFA09) ...................................... 100 NSF (9.3 NSM)
Provide one per each Inpatient Surgical Facility OR Nurse Manager FTE position
authorized if Standard, Intermediate or Complex surgical complexity is authorized.

8 Office, Nurse Anesthetist (OFA09) ........................................ 100 NSF (9.3 NSM)
Provide one per each Inpatient Surgical Facility Nurse Anesthetist FTE position
authorized if Standard, Intermediate or Complex surgical complexity is authorized.

9 Office, OR Coordinator (OFA09) ........................................... 100 NSF (9.3 NSM)
Provide one per each Inpatient Surgical Facility OR Coordinator FTE position
authorized if Standard, Intermediate or Complex surgical complexity is authorized.

10 Workstation, Staff Surgeon (OFA07) ...................................... 56 NSF (5.3 NSM)
Provide one per each Inpatient Surgical Facility Staff Surgeon FTE position
authorized if Standard, Intermediate or Complex surgical complexity is authorized.

11 Workstation, Scheduler (OFA07) ............................................ 56 NSF (5.3 NSM)
Provide one per each Inpatient Surgical Facility Surgical Scheduler FTE position
authorized and each Endovascular Service Scheduler FTE position authorized if
Standard, Intermediate or Complex surgical complexity is authorized.

12 Office, Administrative Officer (OFA09) ................................. 100 NSF (9.3 NSM)
Provide one for the Inpatient Surgical Facility Staff and Administrative Area if
Standard, Intermediate or Complex surgical complexity is authorized.

13 Workstation, Secretary (OFA07) ............................................. 56 NSF (5.3 NSM)
Provide one for the Inpatient Surgical Facility Staff and Administrative Area if
Standard, Intermediate or Complex surgical complexity is authorized.

14 Conference Room (CFR01) .................................................. 240 NSF (22.3 NSM)
Provide one for the Inpatient Surgical Facility Staff and Administrative Area if
Standard, Intermediate or Complex surgical complexity is authorized.
Allocated NSF accommodates six conference chairs @ 7.5 NSF each, two 5'-0" x
2'-0" tables at 10 NSF each, one credenza @ 8 NSF; and circulation; total six
people.

15 Copier / Office Supply Room (RPR01) ................................ 120 NSF (11.2 NSM)
Provide one for the Inpatient Surgical Facility Staff and Administrative Area if
Standard, Intermediate or Complex surgical complexity is authorized.

16 Workroom, Biomedical Engineer (BMWS1) ....................... 150 NSF (14.0 NSM)
Provide one for the Inpatient Surgical Facility Staff and Administrative Area if
Intermediate or Complex surgical complexity is authorized.

17 On-Call Room (DUTY1) ........................................................ 120 NSF (11.2 NSM)
Provide one for the Inpatient Surgical Facility Staff and Administrative Area if
Standard, Intermediate or Complex surgical complexity is authorized.
Locate near the Operating and Procedure Rooms.

18 Toilet / Shower, On-Call Room (TSSU1) ............................... 80 NSF (7.5 NSM)
Provide one for the Inpatient Surgical Facility Staff and Administrative Area if
Standard, Intermediate or Complex surgical complexity is authorized.
Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible
wall-hung lavatory @ 13 NSF, one accessible shower @ 28 NSF, ABA
clearances, and circulation.
19 **Alcove, Scrubs Distribution (LR005)................................................. 30 NSF (2.8 NSM)**

Provide one for the Inpatient Surgical Facility Staff and Administrative Area if Standard, Intermediate or Complex surgical complexity is authorized.

Locate near the Operating and Procedure Rooms.

20 **Lounge, Staff (SL001).............................................................. 180 NSF (16.8 NSM)**

Minimum NSF if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional 6 NSF per each Inpatient Surgical Facility Surgical and Endovascular services FTE positions working on peak shift greater than ten; maximum 450 NSF.

Locate near the Operating and Procedure Rooms.

21 **Locker / Changing Room, Male Staff (LR002)......................... 100 NSF (9.3 NSM)**

Minimum NSF if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional 10 NSF for every increment of two Inpatient Surgical Facility Surgical and Endovascular Services FTE positions authorized greater than twenty.

Locate near the Operating and Procedure Rooms.

22 **Toilet / Shower, Male Staff (TSSM1)........................................ 80 NSF (7.5 NSM)**

Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of ten Inpatient Surgical Facility Surgical and Endovascular Service FTE positions authorized greater than ten.

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, one accessible shower @ 28 NSF, ABA clearances, and circulation.

23 **Locker / Changing Room, Female Staff (LR002).......................... 100 NSF (9.3 NSM)**

Minimum NSF if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional 10 NSF for every increment of two Inpatient Surgical Facility Surgical Service and Endovascular Service FTE positions authorized greater than twenty.

Locate near the Operating and Procedure Rooms.

24 **Toilet / Shower, Female Staff (TSSF1)....................................... 80 NSF (7.5 NSM)**

Minimum one if Standard, Intermediate or Complex surgical complexity is authorized; provide an additional one for every increment of ten Inpatient Surgical Facility Surgical Service and Endovascular Service FTE positions authorized greater than ten.

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, one accessible shower @ 28 NSF, ABA clearances, and circulation.

**FA 11: Inpatient Surgical Facility Education Area:**

1 **Office, Surgical Service Residency Program Director (OFA09) .... 100 NSF (9.3 NSM)**

Provide one if an Inpatient Surgical Facility Surgical Service Residency Program is authorized and if Standard, Intermediate or Complex surgical complexity is authorized.
2 Office, Endovascular Service Residency Program Director (OFA09) ................................. 100 NSF (9.3 NSM)
Provide one if an Inpatient Surgical Facility Endovascular Service Residency Program is authorized and if Complex surgical complexity is authorized.

3 Workstation, Surgical Service Residency Program Resident / Student (OFA07) ....................... 56 NSF (5.3 NSM)
Provide one per each Inpatient Surgical Facility Surgical Service Resident / Student FTE position authorized if an Inpatient Surgical Facility Surgical Service Residency Program is authorized and if Standard, Intermediate or Complex surgical complexity is authorized.

4 Workstation, Endovascular Service Residency Program Resident / Student (OFA07) ................... 56 NSF (5.3 NSM)
Provide one per each Inpatient Surgical Facility Endovascular Service Resident / Student FTE position authorized if an Inpatient Surgical Facility Endovascular Service Residency Program is authorized and if Standard, Intermediate or Complex surgical complexity is authorized.

5 Classroom / Conference Room (CLR10) .................. 545 NSF (50.7 NSM)
Provide one if an Inpatient Surgical Facility Surgical Service or an Endovascular Service Residency Program is authorized and if Standard, Intermediate or Complex surgical complexity is authorized.

Allocated NSF accommodates sixteen task chairs @ 7.5 NSF each, eight 5'-0" x 2'-0" tables at 10 NSF each, one credenza @ 8 NSF, one lectern @ 9 NSF, and circulation; total sixteen people.

6 AMBULATORY SURGERY CENTER (ASC) INPUT DATA STATEMENTS

A. Ambulatory Surgery Center (ASC) Mission Input Data Statements:
1 Is a Basic Ambulatory Surgery Center (ASC) authorized? (M)
2 Is an Advanced Ambulatory Surgery Center (ASC) authorized? (M)
3 Is a Family Waiting for the Ambulatory Surgery Center (ASC) Reception Area authorized? (M)
4 Is a Patient Education / Resource Room for the Ambulatory Surgery Center (ASC) Reception Area authorized? (M)
5 Is a PACS Viewing Room for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Area authorized? (M)
6 Is an Anesthesia Induction / Procedure Room for the Ambulatory Surgery Center (ASC) authorized? (M)
7 Is a Satellite Laboratory for the Ambulatory Surgery Center (ASC) Support Area authorized? (M)

B. Ambulatory Surgery Center (ASC) Workload Input Data Statements:
1 How many additional Ambulatory Surgery Center General ORs are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)
2 How many Ambulatory Surgery Center Orthopedic ORs are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)
3 How many Ambulatory Surgery Center Urology / Cystoscopy ORs are required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant
Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location? (W)

C. **Ambulatory Surgery Center (ASC) Staffing Input Data Statements:**
1. How many Ambulatory Surgery Center (ASC) Surgical Assistant Service Chief FTE positions are authorized? (S)
2. How many Ambulatory Surgery Center (ASC) Assistant Chief of Anesthesiology FTE positions are authorized? (S)
3. How many Ambulatory Surgery Center (ASC) OR Nurse Manager FTE positions are authorized? (S)
4. How many Ambulatory Surgery Center (ASC) Nurse Anesthetist FTE positions are authorized? (S)
5. How many Ambulatory Surgery Center (ASC) OR Coordinator FTE positions are authorized? (S)
6. How many Ambulatory Surgery Center (ASC) Staff Surgeon FTE positions are authorized? (S)
7. How many Ambulatory Surgery Center (ASC) Surgical Scheduler FTE positions are authorized? (S)

D. **Ambulatory Surgery Center (ASC) Miscellaneous Input Data Statements:**
1. How many Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Area FTE positions will work on peak shift? (Misc)
2. How many Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area FTE positions will work on peak shift? (Misc)
3. How many Ambulatory Surgery Center (ASC) Surgical Service FTE positions will work on peak shift? (Misc)

### 7 **AMBULATORY SURGERY CENTER (ASC) SPACE CRITERIA**

**A FA 12: Ambulatory Surgery Center (ASC) Reception Area:**

1. **Waiting, General (WTG08):**
   - Allocate space accommodates six standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total eight people.
WTG12: Allocated space accommodates ten standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total twelve people.

WTG16: Allocated space accommodates twelve standard chairs @ 9 NSF each, two bariatric chairs @ 14 NSF each, two accessible spaces @ 10 NSF each, and circulation; total sixteen people.

WTG20: Allocated space accommodates sixteen standard chairs @ 9 NSF each, two bariatric chairs @ 14 NSF each, two accessible spaces @ 10 NSF each, and circulation; total twenty people.

WTG24: Allocated space accommodates twenty standard chairs @ 9 NSF each, two bariatric chairs @ 14 NSF each, two accessible spaces @ 10 NSF each, and circulation; total twenty-four people.

WTG28: Allocated space accommodates twenty-two standard chairs @ 9 NSF each, three bariatric chairs @ 14 NSF each, three accessible spaces @ 10 NSF each, and circulation; total twenty-eight people.

WTG32: Allocated space accommodates twenty-six standard chairs @ 9 NSF each, three bariatric chairs @ 14 NSF each, three accessible spaces @ 10 NSF each, and circulation; total thirty-two people.

WTG36: Allocated space accommodates twenty-eight standard chairs @ 9 NSF each, four bariatric chairs @ 14 NSF each, four accessible spaces @ 10 NSF each, and circulation; total thirty-six people.

WTG40: Allocated space accommodates thirty-two standard chairs @ 9 NSF each, four bariatric chairs @ 14 NSF each, four accessible spaces @ 10 NSF each, and circulation; total forty people.

2 Waiting, Family (WTF03) ...................................................... 225 NSF (21.0 NSM)
Provide one if a Family Waiting for the Ambulatory Surgery Center (ASC) Reception Area is authorized and if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

Allocated NSF accommodates two standard chairs @ 9 NSF each, one bariatric chair at 14 NSF, one accessible space @ 10 NSF, one child table and chairs @ 50 NSF, and circulation; total eight people. This space shall be incorporated within the Ambulatory Surgery Center (ASC) General Waiting.

3 Reception / Registration (RCP03) .......................... 385 NSF (35.8 NSM)
Provide one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

Allocated NSF accommodates three Receptionist FTEs, patient privacy area, and circulation.

4 Kiosk, Patient Check-In (RCHK3) ........................................ 160 NSF (14.9 NSM)
Provide one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

Allocated NSF accommodates three Display Kiosks, patient privacy area, and circulation.
5 **Toilet, Public (TNPG1)** ............................................................. 60 NSF (5.6 NSM)

Minimum two if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional two for every increment of five Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, greater than five.

Allocated NSF accommodates one accessible toilet @ 25 NSF, one wall-hung lavatory @ 12 NSF, ABA clearances, and circulation. Locate near Ambulatory Surgery Center (ASC) General Waiting.

6 **Toilet, Family (TNPFM)** ............................................................ 70 NSF (6.6 NSM)

Provide one for the Ambulatory Surgery Center (ASC) Reception Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

Allocated NSF accommodates one accessible toilet @ 25 NSF, one wall-hung lavatory @ 12 NSF, ABA clearances, and circulation. Locate adjacent to Ambulatory Surgery Center (ASC) Public Toilet.

7 **Patient Education / Resource Kiosk (CLSC1)** ........................ 30 NSF (2.8 NSM)

Provide one if a Patient Education / Resource Room for the Ambulatory Surgery Center (ASC) Reception Area is not authorized and if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

This Kiosk is used to provide medical information for patients and visitors. Locate accessible to Ambulatory Surgery Center (ASC) General Waiting.

8 **Patient Education / Resource Room (CLSC3)** ................... 120 NSF (11.2 NSM)

Provide one if a Patient Education / Resource Room for the Ambulatory Surgery Center (ASC) Reception Area is authorized and if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

This space is used for private patient education and for electronic / printed medical information for patients and visitors. Locate near Ambulatory Surgery Center (ASC) General Waiting.

9 **Consult Room (OFDC2)** ....................................................... 120 NSF (11.2 NSM)

Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one if the total number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is greater than five.

10 **Alcove, Refreshment Center (NCWD4)** .............................. 60 NSF (5.6 NSM)

Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one if the total number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is greater than ten.

11 **Storage, Wheelchair / Litter (SRLW1)** ............................. 30 NSF (2.8 NSM)

Provide one for the Ambulatory Surgery Center (ASC) Reception Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

**FA 13: Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Area:**

1 **Waiting, Pre-Operative Assessment Unit (WTG06)** ........... 130 NSF (12.1 NSM)

Provide one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized and three or four Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Exam Rooms are generated; provide WTG09 if five or six Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Exam Rooms are generated; provide WTG12 if seven or eight Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Exam Rooms are generated.
Locate adjacent to patient entrance. It shall be under visual control of the Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Reception / Registration.

WTG06: Allocated space accommodates four standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total six people.

WTG09: Allocated space accommodates seven standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total nine people.

WTG12: Allocated space accommodates ten standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total twelve people.

2 Reception / Registration, Pre-Procedure Assessment Unit (RCP02) .........................260 NSF (24.2 NSM)
*Provide one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.*

Allocated NSF accommodates two Receptionist FTEs, patient privacy area, and circulation. This space is used for patient check-in, scheduling activities, and storage of patients’ surgical charts.

3 Exam Room (EXRG3) ...............................................................120 NSF (11.2 NSM)
*Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of three Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, greater than three; maximum six (Exam Rooms).*

4 Toilet, Patient (TPG01) ...............................................................60 NSF (5.6 NSM)
*Provide two for the Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.*

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation. This space is used to collect Ambulatory Surgery Center (ASC) pre-operative patients’ urine specimens.

5 Alcove, Specimen Collection (RCA07) .................................60 NSF (5.6 NSM)
*Provide one for the Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.*

This space is used for labeling and collecting specimens to forward to the main laboratory for processing. Locate adjacent to the Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Reception / Registration.

6 Utility Room, Clean (UCCL1) .............................................100 NSF (9.3 NSM)
*Provide one for the Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.*
7 **Utility Room, Soiled (USCL1)** .................................................. 90 NSF (8.4 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Area if **Basic or Advanced** Ambulatory Surgery Center (ASC) is authorized.

8 **Team Room (WRTM4)** .......................................................... 180 NSF (16.8 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Area if **Advanced** Ambulatory Surgery Center (ASC) is authorized.

This shared workspace is for anesthesia providers, nurses, and other Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit staff not assigned a dedicated office or workstation.

9 **Storage, Equipment / Clean Supply (SRE01)** ..................... 120 NSF (11.2 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Pre-Procedure Assessment Unit Area if **Basic or Advanced** Ambulatory Surgery Center (ASC) is authorized.

This space is used to store equipment and clean supplies.

**FA 14: Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Area:**

1 **Locker / Changing Room, Male Patient (LR002)** .................... 90 NSF (8.4 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Area if **Basic or Advanced** Ambulatory Surgery Center (ASC) is authorized.

2 **Toilet, Pre-Operative Holding / Phase II Recovery Male Patient (TPG01)** ............................................................... 60 NSF (5.6 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Area if **Basic or Advanced** Ambulatory Surgery Center (ASC) is authorized.

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

3 **Locker / Changing Room, Female Patient (LR002)** ............ 90 NSF (8.4 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Area if **Basic or Advanced** Ambulatory Surgery Center (ASC) is authorized.

4 **Toilet, Pre-Operative Holding / Phase II Recovery Female Patient (TPG01)** .......................................................... 60 NSF (5.6 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Area if **Basic or Advanced** Ambulatory Surgery Center (ASC) is authorized.

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

5 **Patient Bay, Pre-Operative Holding / Phase II Recovery (RRPR1) ** .... 140 NSF (13.1 NSM)
Minimum five if **Basic or Advanced** Ambulatory Surgery Center (ASC) is authorized; provide an additional three per each Ambulatory Surgery Center (ASC) Surgical Operating Room, of any type, greater than two.
6 Patient Room, Pre-Operative Holding / Phase II Recovery (RRPR2) ........ 140 NSF (13.1 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

7 Toilet, Pre-Operative Holding / Phase II Recovery Patient (TPG01) .60 NSF (5.6 NSM)
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of six Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Bays greater than five.

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

8 Nurse Station (NSTA2) ......................................................... 160 NSF (14.9 NSM)
Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 30 NSF for every increment of three Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Bays greater than twelve.

Resulting NSF may be distributed, centralized or decentralized, to accommodate floor plan design.

9 Workroom, Provider (WRCH1) ............................................ 160 NSF (14.9 NSM)
Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 20 NSF per each Ambulatory Surgery Center (ASC) Surgical Operating Room, of any type, greater than eight.

Allocated NSF may be provided centralized or decentralized during project design. This is a touchdown space for dictation and charting.

10 Handwashing Station (SINK1) ................................................. 10 NSF (1.0 NSM)
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of six Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Bays greater than six.

11 Nourishment Room (NCWD3) .................................................. 80 NSF (7.5 NSM)
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of ten Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Bays greater than ten.

12 Viewing Room, Picture Archiving and Communication System - PACS (XVC01) .................. 160 NSF (14.9 NSM)
Provide one if a PACS Viewing Room for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Area is authorized and if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

13 Alcove, Crash Cart (RCA01) ...................................................... 20 NSF (1.9 NSM)
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of twelve Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Bays greater than twelve.
14 **Alcove, Clean Linen (LCCL3)** ................................................................. 90 NSF (8.4 NSM)
Minimum one if *Basic or Advanced* Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of ten Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Bays greater than ten.

15 **Alcove, Portable Imaging Equipment (XRM01)** ............................ 30 NSF (2.8 NSM)
Minimum one if *Basic or Advanced* Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of twenty-four Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Bays greater than twenty-four.

16 **Utility Room, Clean (UCCL1)** .......................................................... 120 NSF (11.2 NSM)
Minimum one if *Basic or Advanced* Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of ten Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Bays greater than ten.

17 **Utility Room, Soiled (USCL1)** .......................................................... 100 NSF(9.3 NSM)
Minimum one if *Basic or Advanced* Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of ten Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Bays greater than ten.

18 **Storage, Equipment (SRE01)** ......................................................... 120 NSF (11.2 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Area if *Basic or Advanced* Ambulatory Surgery Center (ASC) is authorized.

19 **Housekeeping Aides Closet (HAC) (JANC1)** .................................. 60 NSF (5.6 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Area if *Basic or Advanced* Ambulatory Surgery Center (ASC) is authorized.

20 **Lounge, Staff (SL001)** ................................................................. 120 NSF (11.2 NSM)
Minimum NSF if *Basic or Advanced* Ambulatory Surgery Center (ASC) is authorized; provide an additional 15 NSF per each Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Area FTE Staff position working on peak shift greater than six.

21 **Toilet, Staff (TNPG1)** ................................................................. 60 NSF (5.6 NSM)
Provide two for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Area if *Basic or Advanced* Ambulatory Surgery Center (ASC) is authorized.

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

**FA 15: Ambulatory Surgery Center (ASC) Anesthesia Procedure Patient Area:**

1 **Anesthesia Induction / Procedure Room (ORPP3)** .................. 360 NSF (33.5 NSM)
Provide one if an Ambulatory Surgery Center (ASC) Anesthesia Induction / Procedure Room is authorized if *Basic or Advanced* Ambulatory Surgery Center (ASC) is authorized.
Allocated NSF accommodates two patient beds. Space is used for placement of blocks and other anesthesia procedures that need to be conducted prior to a patient's surgical procedure.

2 Nurse Station, Anesthesia Induction / Procedure Room (NSTA3) .................. 60 NSF (5.6 NSM)
Provide one if an Ambulatory Surgery Center (ASC) Anesthesia Induction / Procedure Room is authorized if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

This space allows monitoring of patients who have had regional blocks or other anesthesia procedures. This space may be combined with the Ambulatory Surgery Center (ASC) Nurse Station for the Ambulatory Surgery Center (ASC) Pre-Operative Holding / Phase II Recovery Patient Area.

3 Clean Workroom, Anesthesia (ANCW2) ......................... 240 NSF (22.3 NSM)
Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 60 NSF per each Ambulatory Surgery Center (ASC) Surgical Operating Room, of any type, greater than four; maximum 600 NSF.

4 Equipment Room, Anesthesia (SRE02) ......................... 120 NSF (11.2 NSM)
Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 120 NSF if the total number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is greater than six.

5 Medication Room (MEDP2) ...................................................... 80 NSF (7.5 NSM)
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one if the total number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is greater than six.

6 Team Room, Anesthesiology (WRTM4) ......................... 180 NSF (16.8 NSM)
Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 30 NSF per each Ambulatory Surgery Center (ASC) Surgical Operating Room, of any type, greater than two; maximum 360 NSF.

Minimum allocated NSF provides space for six computer workstations.

FA 16: Ambulatory Surgery Center (ASC) Surgical Service Patient Area:

1 Control Station (NSTA5) ...................................................... 120 NSF (11.2 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Surgical Service Patient Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

Locate this space to allow visual observation of all traffic coming into the semi-restricted area of the Ambulatory Surgery Center (ASC) Surgical Service Patient Area. The Ambulatory Surgery Center (ASC) Surgical Program Scheduler may be located here.

2 Operating Room, General (ORGS1) ......................... 650 NSF (60.4 NSM)
Minimum two if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide additional ones as required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location.
3 Equipment Room, General (ORGE1) .................................. 200 NSF (18.6 NSM)
Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 50 NSF per each Ambulatory Surgery Center (ASC) General Operating Room greater than four.

4 Operating Room, Orthopedic (OROS1) .............................. 750 NSF (69.7 NSM)
Provide one per each Ambulatory Surgery Center Orthopedic Operating Room required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

5 Equipment Room, Orthopedic (OROE1).............................. 180 NSF(16.8 NSM)
Provide one per each Ambulatory Surgery Center Orthopedic Operating Room if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

6 Operating Room, Urology / Cystoscopy (ORCS1) ............. 650 NSF (60.4 NSM)
Provide one per each Ambulatory Surgery Center Urology / Cystoscopy Operating Room required by the Office of Strategic Planning and Analysis (OSPA) Office of the Assistant Deputy Under Secretary for Health for Policy and Planning (ADUSH / OPP) for this location if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.
This OR provides a fixed operating table; fluoroscopy shielded control is provided within the room. Coordinate final location of this space with Urology Clinic.

7 Equipment Room, Urology / Cystoscopy (ORCE1) ............. 100 NSF (9.3 NSM)
Provide one per each Ambulatory Surgery Center Urology / Cystoscopy Operating Room if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

8 Scrub Sink Area (ORSA1) ....................................................... 20 NSF (1.9 NSM)
Provide one per each Ambulatory Surgery Center (ASC) Surgical Operating Room, of any type if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

9 Storage, Stretcher (SRLW2) .................................................... 40 NSF (3.8 NSM)
Minimum two if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one per each Ambulatory Surgery Center (ASC) Surgical Operating Room, of any type, greater than two.
Locate resulting spaces near each Ambulatory Surgery Center (ASC) Operating Room’s entry doors. This area can be used for patient beds, patient specialty beds, stretchers, and gurneys.

FA 17: Ambulatory Surgery Center (ASC) Clean Core Area:

1 Clean Core, Surgical Services (ORCC2).............................. 660 NSF (61.4 NSM)
Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 330 NSF per each Ambulatory Surgery Center (ASC) Surgical Operating Room, of any type, greater than two.
Minimum allocated NSF accommodates sterile supplies, holding area for clean case carts and blanket warmer for two Ambulatory Surgery Center (ASC) Operating Rooms. An Ambulatory Surgery Center (ASC) Clean Core Area shall serve a maximum of eight ORs in a "pod" configuration; the minimum number of ORs in a "pod" shall be two.
2 **Immediate Use Sterilization Room (ORSR1) ...................... 185 NSF (17.2 NSM)**

Minimum one if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between two and eight; provide an additional one if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between nine and sixteen; provide an additional two if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is greater than sixteen and if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

Minimum allocated NSF accommodates decontamination and sterilization of surgical materials and instruments.

3 **Alcove, Blood Bank Refrigerator (RCA03) ............................. 30 NSF (2.8 NSM)**

Minimum one if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between two and eight; provide an additional one if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between nine and sixteen; provide an additional two if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is greater than sixteen and if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

4 **Cart Holding, Clean (CHC01) ............................................... 120 NSF (11.2 NSM)**

Provide one for the Ambulatory Surgery Center (ASC) Clean Core Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

Locate this space immediately adjacent to the Clean Case Cart Elevator if Sterile Processing Service is on a different floor than the Ambulatory Surgery Center (ASC) Surgical Services.

**FA 18: Ambulatory Surgery Center (ASC) Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area:**

1 **Patient Bay, PACU / Phase I Recovery (RRBP1) ................ 110 NSF (10.3 NSM)**

Minimum three if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional two per each Ambulatory Surgery Center (ASC) Surgical Operating Room, of all types, greater than two.

2 **Airborne Infection Isolation (All), Patient Room, PACU / Phase I Recovery (RRIR1) .............. 150 NSF (14.0 NSM)**

Provide one for the Ambulatory Surgery Center (ASC) Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

3 **Airborne Infection Isolation (All), Anteroom, PACU / Phase I Recovery (BRAR1) .............. 80 NSF (7.5 NSM)**

Provide one for the Ambulatory Surgery Center (ASC) Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

4 **Nurse Station, PACU / Phase I Recovery (NSTA1) ............. 120 NSF (11.2 NSM)**

Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 30 NSF for every increment of three Ambulatory Surgery Center (ASC) Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

Resulting NSF may be distributed, centralized or decentralized, to accommodate
floor plan design.

5 **Handwashing Station (SINK1)** .................................................. 10 NSF (1.0 NSM)  
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of six Ambulatory Surgery Center (ASC) Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than six.

6 **Viewing Room, Picture Archiving and Communication System - PACS (XVC01)** .................. 160 NSF (14.9 NSM)  
Provide one for the Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

7 **Medication Room (MEDP2)** .................................................. 80 NSF (7.5 NSM)  
Provide one for the Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

8 **Utility Room, Clean (UCCL1)** ............................................. 120 NSF (11.2 NSM)  
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of twelve Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

9 **Utility Room, Soiled (USCL1)** ............................................... 100 NSF (9.3 NSM)  
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of twelve Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

10 **Alcove, Crash Cart (RCA01)** .................................................. 20 NSF (1.9 NSM)  
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of twelve Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

11 **Alcove, Clean Linen (LCCL3)** .............................................. 40 NSF (3.8 NSM)  
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of twelve Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

12 **Alcove, Portable Imaging Equipment (XRM01)** .................. 40 NSF (3.8 NSM)  
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of twelve Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.

13 **Alcove, Blanket Warmer (RCA04)** ....................................... 20 NSF (1.9 NSM)  
Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of twelve Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Bays greater than twelve.
14 **Storage, Equipment (SRE01)** .................................................. 100 NSF (9.3 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

15 **Housekeeping Aides Closet (HAC) (JANC1)** ................... 60 NSF (5.6 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

16 **Lounge, Staff (SL001)** ..................................................... 120 NSF (11.2 NSM)
   Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 15 NSF per each Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area FTE Staff position working on peak shift greater than six.

17 **Toilet, Staff (TNPG1)** ....................................................... 60 NSF (5.6 NSM)
   Provide two for the Ambulatory Surgery Center (ASC) Post Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.
   Allocated NSF accommodates one accessible toilet @ 25 NSF, one wall-hung lavatory @ 12 NSF, ABA clearances, and circulation.

**FA 19: Ambulatory Surgery Center (ASC) Support Area:**

1 **Instrument Room (XCCI1)** .................................................. 100 NSF (9.3 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Support Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

2 **Laboratory, Satellite (LBSP2)** ............................................ 140 NSF (13.1 NSM)
   Provide one if a Satellite Laboratory for the Ambulatory Surgery Center (ASC) Support Area is authorized and if Advanced Ambulatory Surgery Center (ASC) is authorized.

3 **Laboratory, Frozen Section (LBUL1)** ................................. 120 NSF (11.2 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Support Area if Advanced Ambulatory Surgery Center (ASC) is authorized.
   This space is used for the preparation and examination of frozen section tissue specimens.

4 **Pharmacy, Satellite (PHDS1)** .............................................. 120 NSF (11.2 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Support Area if Advanced Ambulatory Surgery Center (ASC) is authorized.

5 **Medication Room (MEDP2)** ................................................. 80 NSF (7.5 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Support Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

6 **Viewing Room, Picture Archiving and Communication System – PACS (XVC01)** ................................. 120 NSF (11.2 NSM)
   Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized, provide an additional 100 NSF for every increment of two Ambulatory Surgery Center (ASC) Orthopedic ORs greater than one; maximum 320 NSF.
7 **Surgery Integration Server Room (CMP02)**.......................... 100 NSF (9.3 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Support Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

8 **Utility Room, Surgical Clean (UCCL3)**.............................. 100 NSF (9.3 NSM)
Minimum one if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between two and eight; provide an additional one if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between nine and sixteen; provide an additional two if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is greater than sixteen if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

9 **Alcove, Crash Cart (RCA01)**........................................... 20 NSF (1.9 NSM)
Minimum one if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between two and four; provide an additional one if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between five and eight; provide an additional two if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between nine and twelve; provide an additional three if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between thirteen and sixteen; provide an additional four if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is greater than sixteen if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

10 **Cart Holding, Soiled (CHS01)**....................................... 100 NSF (9.3 NSM)
Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 15 NSF per each Ambulatory Surgery Center (ASC) Surgical Operating Room, of any type, greater than eight.

Locate this space adjacent to the soiled case cart elevator entry if the Sterile Processing Service is on a different floor.

11 **Storage, Gas Cylinder (SRGC3)**..................................... 120 NSF (11.2 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Support Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

This space provides storage for back-up oxygen cylinders.

12 **Chute Room, Waste Disposal (UTLC2)**............................ 100 NSF (9.3 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Support Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

13 **Chute Room, Soiled Linen Disposal (UTLC3)**.................... 100 NSF (9.3 NSM)
Provide one for the Ambulatory Surgery Center (ASC) Support Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

14 **Housekeeping Aides Closet (HAC) (JANC1)**...................... 60 NSF (5.6 NSM)
Minimum one if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between two and eight; provide an additional one if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is between nine and sixteen; provide an additional two if the number of Ambulatory Surgery Center (ASC) Surgical Operating Rooms, of any type, is greater than sixteen if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.
FA 20: Ambulatory Surgery Center (ASC) Staff and Administrative Area:

1. **Office, Chief of Surgical Service (OFA09)** .......................... 100 NSF (9.3 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Staff and Administrative Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

2. **Office, Assistant Chief of Surgical Services (OFA09)** ......... 100 NSF (9.3 NSM)
   Provide one per each Ambulatory Surgery Center (ASC) Surgical Service Assistant Chief FTE position authorized if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

3. **Office, Anesthesiology Chief (OFA09)** ............................... 100 NSF (9.3 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Staff and Administrative Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

4. **Office, Assistant Chief of Anesthesiology (OFA09)** ............. 100 NSF (9.3 NSM)
   Provide one per each Ambulatory Surgery Center (ASC) Assistant Chief of Anesthesiology FTE position authorized if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

5. **Office, OR Nurse Manager (OFA09)** .................................. 100 NSF (9.3 NSM)
   Provide one per each Ambulatory Surgery Center (ASC) OR Nurse Manager FTE position authorized if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

6. **Office, Nurse Anesthetist (OFA09)** .................................... 100 NSF (9.3 NSM)
   Provide one per each Ambulatory Surgery Center (ASC) Nurse Anesthetist FTE position authorized if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

7. **Office, OR Coordinator (OFA09)** ...................................... 100 NSF (9.3 NSM)
   Provide one per each Ambulatory Surgery Center (ASC) OR Coordinator FTE position authorized if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

8. **Workstation, Staff Surgeon (OFA07)** ................................. 100 NSF (9.3 NSM)
   Provide one per each Ambulatory Surgery Center (ASC) Staff Surgeon FTE position authorized if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

9. **Workstation, Scheduler (OFA07)** ..................................... 100 NSF (9.3 NSM)
   Provide one per each Ambulatory Surgery Center (ASC) Surgical Scheduler FTE position authorized if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

10. **Office, Administrative Officer (OFA09)** .............................. 100 NSF (9.3 NSM)
    Provide one for the Ambulatory Surgery Center (ASC) Staff and Administrative Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

11. **Workstation, Secretary (OFA07)** .................................. 100 NSF (9.3 NSM)
    Provide one for the Ambulatory Surgery Center (ASC) Staff and Administrative Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

12. **Conference Room (CFR01)** ........................................... 240 NSF (22.3 NSM)
    Provide one for the Ambulatory Surgery Center (ASC) Staff and Administrative Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.
Allocated NSF accommodates six conference chairs @ 7.5 NSF each, two 5'-0" x 2'-0" tables at 10 NSF each, one credenza @ 8 NSF, and circulation; total six people.

13 **Copier / Office Supply Room (RPR01)** ................................ 120 NSF (11.2 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Staff and Administrative Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.

14 **Workroom, Biomedical Engineer (BMWS1)** ...................... 150 NSF (14.0 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Staff and Administrative Area if Advanced Ambulatory Surgery Center (ASC) is authorized.

15 **Alcove, Scrubs Distribution (LR005)** ...................................... 30 NSF (2.8 NSM)
   Provide one for the Ambulatory Surgery Center (ASC) Staff and Administrative Area if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized.
   Locate near the Ambulatory Surgery Center (ASC) Operating Rooms.

16 **Lounge, Staff (SL001)** .......................................................... 180 NSF (16.8 NSM)
   Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 6 NSF per each Ambulatory Surgery Center (ASC) Surgical Service FTE positions working on peak shift greater than ten; maximum 450 NSF.
   Locate near the Ambulatory Surgery Center (ASC) Operating Rooms.

17 **Locker / Changing Room, Male Staff (LR002)** ...................... 100 NSF (9.3 NSM)
   Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 10 NSF for every increment of two Ambulatory Surgery Center (ASC) Surgical Service FTE positions authorized greater than twenty.
   Locate near the Operating and Procedure Rooms.

18 **Toilet / Shower, Male Staff (TSSM1)** ....................................... 80 NSF (7.5 NSM)
   Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of ten Ambulatory Surgery Center (ASC) Surgical Service FTE positions authorized greater than ten.
   Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, one accessible shower @ 28 NSF, ABA clearances, and circulation.

19 **Locker / Changing Room, Female Staff (LR002)** ...................... 100 NSF (9.3 NSM)
   Minimum NSF if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional 10 NSF for every increment of two Ambulatory Surgery Center (ASC) Surgical Service FTE positions authorized greater than twenty.
   Locate near the Ambulatory Surgery Center (ASC) Operating Rooms.

20 **Toilet / Shower, Female Staff (TSSF1)** ................................. 80 NSF (7.5 NSM)
   Minimum one if Basic or Advanced Ambulatory Surgery Center (ASC) is authorized; provide an additional one for every increment of ten Ambulatory Surgery Center (ASC) Surgical Service FTE positions authorized greater than ten.
Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, one accessible shower @ 28 NSF, ABA clearances, and circulation.

8 DESIGN CONSIDERATIONS

A. Refer to the Department of Veterans Affairs (VA) Office of Construction & Facilities Management (CFM) Technical Information Library (TIL) (http://www.cfm.va.gov/TIL/) for additional technical criteria applicable to Inpatient and Ambulatory Surgical Service in VA healthcare facilities refer to PG-18-12 Surgical Design Guide.

B. Departmental Net-to-Gross factor (DNTG) for Inpatient Surgical / Endovascular Services and Ambulatory Surgical Service is 1.70. This number when multiplied by the programmed net square foot (NSF) area determines the departmental gross square feet.

C. General

1. The location of support services should be considered in the design of The Surgical Suite to provide efficient and timely flow of staff, supplies, and equipment.

2. Visual and acoustic privacy is a prime consideration in the design of the Surgical Suite. Minimizing sound transmission is important for patient privacy and helps protect dissemination of their personal information. This is particularly important in examination, treatment and procedure areas. Visual privacy provides the patient with a more dignified environment and promotes higher patient satisfaction.

3. Inclusion of natural light and views to the outside has a positive effect on patient outcomes and staff satisfaction and should be provided whenever possible.

4. Incorporate the requirements for Bariatric, SCI/D patients, and other patients with special needs when designing the Surgical Suite.

5. Separate patient and staff area / circulation to promote an on-stage / off-stage organizational concept. On-stage areas provide patients and family members a high level of patient privacy, safety, and ease of wayfinding. Separation of patients and their family from staff and support areas contributes to provide a calmer healing environment.

6. Three distinct levels of access requirements are incorporated into the design of the Surgical Suite. These include:

   a. Unrestricted areas: Patient and visitor access and traffic is not limited and street clothes are permitted.

   b. Semi-restricted: Access and traffic is limited to authorized personnel. Semi-restricted areas include peripheral support areas that surround the restricted area such as scrub stations, storage areas for clean and sterile supplies and medical equipment, as well as corridors leading to the restricted area. All surgical personnel and visitors shall follow the Recommended Practices for Surgical Attire by the Association of Perioperative Nursing (AORN).

   c. Restricted: A designated area in the semi-restricted zone of the surgical suite that can only be accessed through a semi-restricted space. This is a high level of asepsis area with controlled access. Personnel in restricted areas are required to wear surgical attire and cover head and facial hair. Masks are
required where open sterile supplies or scrubbed persons may be located. All Operating Rooms and Endovascular Rooms and their associated spaces are classified as Restricted.

7. Consider provision of patient lifts in areas where the transfer of patients is needed. Ceiling mounted patient lifts prevent staff injury by eliminating the need for staff physically lifting the patient.

8. Separate the flow of clean medical supplies, instruments, and linen from soiled and unused materials to prevent cross-contamination.

9. Accommodation for the isolation of infectious patients shall be provided in Airborne Infection Isolation (AII) patient rooms and considerations given to how these patients access the area in order to prevent cross-contamination with other patients.

10. Consideration should be given to the effects of building vibration, as building vibration can interfere with the accuracy of surgical instruments and equipment.

11. Patient corridors shall be a minimum dimension of 8'0" clear to accommodate wheelchairs, gurneys, and the movement of equipment and supplies.

D. Reception Area

1. General Waiting
   a. Families waiting during surgical procedures experience a high level of stress. Waiting areas should be designed to provide a comfortable, soothing, and non-stressful environment. This is accomplished by creating a “homelike” environment with comfortable furniture and a calming color scheme. Waiting times can be very long depending on the surgical procedure and the waiting area should support different types of activities which may include reading, cell phone use, television viewing, and work. These activities should be separated into “activity zones” to address the different requirements of each type of activity. Appropriate amenities and technology should also be provided to support these activities.

2. Reception / Registration
   a. The two types of patient reception / registration include a reception desk and/or electronic kiosks. The reception desk provides personal contact which can help to reduce patient and family stress while the electronic kiosk helps to improve efficiency. Both are of equal importance and the design should provide ease of access to both.

3. Consult Room
   a. The consult room is used for interaction between family members and surgical staff. Patient status may be shared with family in this space and it should be provided with both visual and acoustical privacy. A “homelike” environment is desirable and can be accomplished through the selection of furniture and color scheme.

B. Pre-Operative Assessment Unit Area

1. This area may be located adjacent to the surgical suite with direct connection to the Reception Area. An alternate location may be near the main entrance to the healthcare facility to provide patient convenience and ease of access.
2. Consideration should be given to the proximity of this area to associated support services.

3. Inclusion of a Team Room is not required in Standard Inpatient and Basic Ambulatory facilities.

C. Pre-operative Holding / Phase II Recovery

1. Provide a patient / family-centered physical environment to reduce patient and family stress associated with the onset and recovery from a surgical procedure and to accommodate family members who are accompanying the patient. Items to consider are reducing lighting intensity and glare, providing individual TVs and access to Wi-Fi. Durable and easy to clean finishes that convey a “homelike” environment and space for family seating are also required in this area. The inclusion of windows provides natural light, views to the outdoors, and a distraction while waiting and recovering from a surgical procedure.

2. Merging the Pre-operative Holding and the Phase II Recovery provides flexibility to accommodate the different phases of patient prep and recovery. Typically, routine surgical procedures are scheduled in the morning which creates an increased need for patient prep at that time. The reverse is true later in the day as surgical procedures are completed and the need for Phase II recover exceeds the need for Pre-operative Holding. The patient bays and patient rooms shall be designed to accommodate both Pre-op and Phase II Recovery patients to allow for use by either type of patient.

3. Provide direct visual access from the nurse station to all patient prep / recovery bays / rooms.

4. Consider the use of decentralized nurse stations to provide staff with improved access to patient “point-of-care”. Decentralized nurse stations reduce noise generated from one large nurse station and reduce staff walking distances.

5. Patient Bays are designed with solid partitions on three sides and a privacy curtain on the fourth side. This arrangement provides a higher level of visual and acoustical patient privacy.

6. Patient Rooms are fully enclosed and are provided with four solid walls, one of which includes a door. The door must provide the ability for staff to monitor the patient and also provide patient privacy through the use of a privacy curtain or other methods of screening.

7. Provide direct access for family members to Pre-Operative Holding / Phase II Recovery. Separate pre-procedure patient / family circulation from post-procedure patient / family circulation to minimize visual and acoustical interaction with post-procedure patients.

D. Anesthesia Procedure Patient Area

1. Anesthesia Procedure services are allocated, as authorized, for Standard, Intermediate, and Complex Inpatient Surgical Facilities and Basic and Advanced Ambulatory Surgery Centers.

E. Surgical and Endovascular Patient Areas

1. General ORs are provided only in Standard Inpatient Surgical Facilities. General and Specialty ORs are provided in Intermediate Inpatient Surgical Facilities.
General, Specialty and Hybrid ORs are provided in Complex Inpatient Surgical Facilities.

2 General ORs are provided in Ambulatory Surgery Centers (ASCs) regardless their complexity level.

3 Endovascular Service is provided only in Complex Inpatient Surgical Facilities.

4 Access to the ORs shall be provided from the semi-restricted corridor for patient and staff and from the Clean Core Area for access to equipment and supplies.

5 Include infrastructure to support the trend towards integration to allow ORs to incorporate new integration technology as it develops. Technology platform integration including endoscopic viewing, video integration, digital recording systems, and on-demand provider software are to be considered in the design of ORs.

6 OR communication requirements include virtual whiteboards, workflow management software, real time location systems, and patient safety displays.

7 Include systems for integrated image routing. This will simplify the management of feeds from multiple video sources, and will make intra-operative imaging more efficient.

8. In order to provide redundant control for medical equipment such as lights, booms and monitors during a procedure, nursing stations may be provided inside ORs.

9. Operating Room finishes shall promote ease of clean-ability. A continuous resinous floor with integral base extending no less than six inches about the finished floor will be specified. Floor drains are not permitted.

10. Locate scrub sinks directly outside the operating room and in the semi-restricted corridor. Provide visual access from the scrub sink area into the operating room.

F. Clean Core Area

1. This area holds the supplies and equipment needed for a procedure in a sterile environment. Direct access from the ORs shall be provided. A Clean Core Area shall serve a minimum of two and a maximum of eight ORs in a "pod" configuration.

2. Operating Rooms shall be designed around the clean core area to separate clean from soiled supplies and equipment in order to prevent cross-contamination and address universal precautions and aseptic techniques.

3. The Surgical Suite shall be restricted from public and non-authorized staff.

G. Post-Anesthesia Care Unit (PACU) / Phase I Recovery Patient Area

1. The PACU should be located in close proximity to the operating rooms and adjacent to Pre-operative Holding / Phase II Recovery

2. Acoustical and visual privacy is a major consideration the design of the PACU and should be taken into account when locating nursing and other staff / support areas within the PACU Patient Area.

3. Provide direct visual access by staff to all patient bays and rooms within the PACU.
H. Support Area.
   1. Locate support spaces to provide an efficient flow of supplies and to minimize staff travel distances.
   2. In addition to the basic support spaces allocated for Inpatient and Ambulatory Surgical Facilities, a Satellite Laboratory, Frozen Section Laboratory, and Satellite Pharmacy may be included in Inpatient Intermediate and Complex facilities.

I. Staff and Administrative Area:
   1. Locate staff and administrative areas adjacent to clinical areas to minimize staff travel distances.
   2. On-call rooms are provided for Inpatient Surgical Facilities. Locate Surgical On-call facilities adjacent to the Surgical Suite to accommodate quick response time by on-call staff.
   3. Biomedical Engineering space is provided for Intermediate and Complex Inpatient Surgical Facilities.

J. Inpatient Surgical Facility Education Area
   1. Surgical education is provided for Inpatient Surgical Facilities.
   2. Locate education space adjacent to the Staff and Administration Area for ease of staff access.
# 9 FUNCTIONAL RELATIONSHIPS

## TABLE 2: FUNCTIONAL RELATIONSHIP MATRIX: INPATIENT SURGICAL FACILITY

<table>
<thead>
<tr>
<th>Services</th>
<th>Standard</th>
<th>Intermediate</th>
<th>Complex</th>
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<tr>
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<td>Services</td>
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<tr>
<td>Veterans Canteen Service</td>
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</tbody>
</table>
Legend:

Relationship (REL)
1  Adjacent
2  Close / Same Floor
3  Close / Different Floor Acceptable
4  Limited Traffic
X  Separation Desirable
NA  Not Applicable

Reasons (REA)
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
K  Other
L  Closeness inappropriate
M  Staff convenience
10 FUNCTIONAL DIAGRAMS

A. Standard Inpatient and Basic / Advanced Ambulatory Surgical Center (ASC)
B. Intermediate / Complex Inpatient Surgical Facility

[Diagram of a surgical facility layout with various departments and areas labeled, including Reception Area, Consult, Staff and Administrative Area, Clinical Support, Female Lockers, Staff Lounge, Male Lockers, Prep/Holding Phase II Recovery, Support, Prep/Holding Phase II Recovery, Equipment, General OR, Speciality OR, Hybrid OR, CCU, Staff and Service Entrance, Public Entrance, Semi-Restricted Corridor, Clean Core, Future Expansion, Nurse Station, PACU, Speciality Elevator, and SPS.]
C. Complex Inpatient Surgical Facility / Endovascular Services