



Saudi Ministry of Health Specialist Centers
ONCOLOGY - Final Functional and Space Program

Date: 10 June 2015

Prepared by:
the Eckroth Planning Group, Inc. (Medical Planner)

RAFAEL VIÑOLY ARCHITECTS |
7edge® | A JOINT VENTURE



Saudi Ministry of Health Specialist Centers
ONCOLOGY - Final Functional and Space Program
Volume 1 - Master Space Program and Assumptions

Date: 10 June 2015

Prepared by:
the Eckroth Planning Group, Inc. (Medical Planner)

RAFAEL VIÑOLY ARCHITECTS |
Tedge® | A JOINT VENTURE

Oncology Specialty Hospital

Final Space Program

Introduction

This Functional and Space Program document is the compilation of templates of each department that is necessary for the Specialists Centers prototypes. The organization of these volumes is in 3 Volumes as Follows:

- Volume 1 Master Space Program and Assumptions
- Volume 2 Detailed Space Program

This document has an order that allows for greatest understanding of tabulations and totals. The Master Space Program offers the highest level review of all departmental total area. The Detailed Space Program offers detailed room by room space size and quantities with specific functional remarks. The Functional Program highlights international standards for healthcare facilities. The foremost All values on these tables area tabulated in the following way:

- NSM Net Square Meter = Actual size of each room or function, measured from inside face of wall to inside face of wall.
- DGSM Department Gross Square Meter = Total depart NSM, including corridor., interior walls, bldg. columns, elect./comm. closets; excl. stairs, elevators, mech. shafts, and general corridors
- BGSM Building Gross Square Meter = Total department DGSM, exterior wall, mechanical rooms, duct shafts, non departmental horizontal and vertical circulation.

The following Key outlines the color code for the values tabulated.

Text Color	Definition
------------	------------

- | | |
|-----|--|
| 215 | Standard fixed or inputted values |
| 750 | Formula resultant |
| 221 | Equates to other value on same table |
| 204 | Equates to other value on another table |
| 75 | Value and text added after previous discussion |

Detailed Programs are prefaced with an index that allows the examiner to identify the location of each program by letter and numbered tab

Oncology Specialty Hospital

Final Space Program

Assumptions

This Functional and Space Program is a compilation of departmental template programs for the highest level of care. These Programs are detailed as flexible to suit all four of the Centers as well as specific to individual specialty practices. Programs are sized to allow for expansion and integration with an attached 500 Bed hospital. There are a number of assumptions that we have made in sizing and quantifying the programs. The following are our major assumptions to these programs:

- 1 Each and combined Centers will be connected to a 500 bed hospital that offers resources that can and will supplement both the function and infrastructure of the Specialist Centers.
- 2 Diagnostic and Treatment, Outpatient, and Support Services are based on quantities and modalities of sufficient patient volume to justify facilities to support the Center sizes. It will be necessary to acquire Specific volume and projected for individual outpatients services are necessary to qualify suggested quantities and sizes.
- 3 Materials Management, Environmental Services, Laundry, Linen, Maintenance, Loading Dock, Pharmacy, Laboratory, Main Kitchen, Morgue, and Biomedical services will supplement satellite facilities being identified in this program. These Satellite programs are provided for the transfer and staging of materials and services being deployed by the Main 500 bed hospital support departments.
- 4 Administration services are identified and quantified for space that could be in the Centers or somewhere else if space is available in the 500 bed Hospital or adjacent Administrative Building
- 5 Programs are generic to be flexible to multiple types of uses. Specific requirements to individual centers will be determined at a later date.(i.e. Clinic Module for ophthalmology may have Eyeglass Fitting or Visual Field room names will be identified after Module is reviewed and approved)

Oncology Specialty Hospital

Final Space Program

Master Space Program

- Master Space Program The Summary is the compilation of all space in Department Gross Square Meters (DGSM) for the four centers by Service Category, Department and Detail Totals. Number of spaces are totaled for the patient care or treatment spaces ONLY. Total DGSM are tabulated totals for all areas in the building.
- Departmental Summary Departmental total areas by Category and Department of all four Specialists Centers. Each Department summary has number of patient rooms and total DGSM. Department total areas can offer the examiner opportunity to review the total amounts by referencing existing facilities, other Specialties Centers, and industry guidelines.
- Detailed Summary Departmental total areas with sub department areas totals in the four specialists centers. This summary offers a comprehensive tabulation of all template programs in this document and reference unique identifier for way ease of looking in Volume 2

DEPT. PROGRAM SUMMARY		ONCOLOGY		Remarks
ID/ Category	EPG TAB #	No. Beds/ Major	Total DGSM	
A. Inpatient Nursing Units	A.	100	9,160	
1. Critical Care Unit (10 beds)	A1	10	970	Two 10-bed Pods w/Shared Support
.6 Oncology Surgical		10	970	
.7 Oncology Medical		-	-	
2. Acuity Adj'ble Unit (20 beds)	A2	90	8,190	Typical 20-bed, Acuity Adj. Nursing Unit
.6 Oncology Surgical		40	3,640	<i>Onc: 10 Pallative Care, 30 Surgery</i>
.7 Oncology Medical		40	3,640	<i>Onc: 10 Hema, 20 Medical, 10 Radiation (1 Shield)</i>
.8 Oncology Peds		10	910	
B. Diagnostic & Treatment	B.	122	6,550	
1. Cardiovascular	B1	-	-	Not Applicable to Trauma Center
2. Diagnostic Imaging	B2	2	1,260	
.1 Rad, US,	B2.1	2	340	<i>1 R/F, 1 US,; no CT, no MR - part of 500 bed Hospital</i>
.2 Nuclear Med + PET/CT	B2.2	-		
3. ED/Trauma Services	B3	-		
4. Surgical Services	B4	18	1,840	
.1 Main ORs, incl 1 Hybrid	B4.1	4	1,440	<i>Includes 1 hybrid OR</i>
.2 PACU, Prep/Stq II Recovery	B4.2	14		
5. Oncology Services	B5			
.1 Radiation Oncology	B5.1	5	2,220	
.2 Infusion Therapy	B5.2	30	900	
.3 Chemo Pharmacy	B5.3	31	220	
.4 Breast Diag. Center	B5.4		-	<i>Not Required for Cancer Center</i>
6. Rehab Services	B6	36	110	
.4 IP PT Satellite	B6.4	1	110	
7. Neuro/ Medical Services	B7	-	-	

DEPT. PROGRAM SUMMARY		ONCOLOGY		Remarks
ID/ Category	EPG TAB #	No. Beds/ Major	Total DGSM	
C. OP Clinic Module (6 Exam Rms/ 2 MD)	C.	12	780	
1. Multi-use Clinic Module	C1	12	780	Accom. 2 MDs, 3 Exam Rms ea.
3. Oncology Related Clinics	C1.3	12	780	
D. Ancillary Services	D.		760	
1. Laboratory Services	D1		220	
.1 OP Lab / Phlebotomy	D1.1		100	2 locations
.2 Frozen Section/Path Lab	D1.2		120	
2. Pharmacy Services	D2		540	
.1 OP Pharmacy	D2.1		160	
.2 Satellite Pharmacy	D2.2		160	
.3 Chemo Mixing	D2.3		220	
E. Administrative Services	E.		1,920	
1. Accounting / Business Svcs	E1		60	
2. Clinical / Nursing Admin	E2		270	
3. Executive Administration	E3		500	
6. Medical Records / HIM	E4		230	
7. IT-Information Systems	E5		290	
8. Medical Staff	E6		310	
9. Human Resources	E7		90	Includes Procurement
10. Patient Relations	E8		60	
11. Guest Services/ Volunteers	E9		110	
F. Education & Conference	F.		590	
1. Conference and Education	F1	-	590	

DEPT. PROGRAM SUMMARY		ONCOLOGY		Remarks
ID/ Category	EPG TAB #	No. Beds/ Major	Total DGSM	
G. Public / Staff Support	G.		2,560	
1. Public Lobby / Entry	G1	-	1,020	
2. Admitting	G2	-	140	
3. Resource Center	G3	-	210	not required for Cardiac Center
4. Prayer Rooms	G4	-	1,190	Includes prayer rooms on all levels
H. Support Services	H.		2,520	
1. Central Processing	H1		400	
2. Clinical Engineering	H2		60	Biomedical
3. Environmental Services	H3		70	Includes other support functions
4. Food Services	H4		1,990	
.1 Food Services	H4.1		860	
.2 Dining/Serving	H4.2		200	
.3 Retail	H4.3		290	
5. Maintenance	H5		260	
6. Materials Management	H6		310	
7. Transport	H7		50	
8. Security	H8		20	
Total Dept. Area (SM)			24,840	
Allow. for Ext. Walls, Mjr Hoiz/Vert. Circ., Etc.		0.23	5,713	Architect to verify grossing factor
Allowance for MEP Spaces		0.20	4,968	Incl. Mechanical/Electrical Rooms
Est'd Gross Bldg Area (SM)			35,521	



Saudi Ministry of Health Specialist Centers
ONCOLOGY - Final Functional and Space Program
Volume 2 - Space Program

Date: 10 June 2015

Prepared by:
the Eckroth Planning Group, Inc. (Medical Planner)

RAFAEL VIÑOLY ARCHITECTS |
Tedge® | A JOINT VENTURE

Oncology Space Program Index

ID/Category	EPG TAB ID
A. Inpatient Nursing Units	A
1. Critical Care Unit (10 Beds)	A1
2. Acuity Adjustable (20 Beds)	A2
B. Diagnostic & Treatment	B.
2. Diagnostic Imaging	B2
.1 ad, US, CT	B2.1
4. Surgical Services	B4
.1 Main Ors	B4.1
.2 PACU, Prep/Stg II Recovery	B4.2
5. Oncology Services	B5
.1 Radiation Oncology	B5.1
.2 Infusion Therapy	B5.2
.3 Chem Pharmacy	B5.3
6. Rehab Services	B6
.4 IP PT Satellite	B6.4
C OP Clinic Module (6 Exam Rms/2 MDs)	C.
1. Multi-Use Clinic Module	C1
D Ancillary Services	D.
1. Laboratory Services	D1
.1 OP Lab / Phlebotomy	D1.1
.2 Frozen Section / Path Lab	D1.2
2. Pharmacy Services	D2
.1 OP Pharmacy	D2.1
.2 Satellite Pharmacy	D2.2

ID/Category	EPG TAB ID
E Administrative Services	E.
1. Accounting Business	E1
2. Clinical Nursing Administration	E2
3. Executive Nursing Administration	E3
6. Medical Records / HIM	E6
7. IT-Information Systems	E7
8. Medical Staff	E8
9. Human Resources	E9
10. Patient Relations	E10
11. Guest Services / Volunteers	E11
F Education & Conference	F.
1. Conference & Education	F1
H Support Services	H.
1. Central Processing	H1
2. Clinical Engineering	H2
3. Environmental Services	H3
4. Food Services	H4
.1 Food Services	H4.1
.2 Dining/Serving	H4.2
.3 Retail	H4.3
5. Maintenance	H5
6. Material Management	H6
7. Transport	H7
8. Security	H8

A1.1 Critical Care Beds		ONCOLOGY				
Two 10-bed Units w/Shared Support	ID	Functional Element	# of Spaces	NSM/ Space	TOTAL NSM	Remarks
A1. Critical Care Unit "A" -10 beds			10		344	10-bed Critical Care Unit
	1.	CC Patient Room, Private	8	26.0	208	
	a.	Isol Cart alcove	8	2.0	16	Same as above; Infection Control plan calls for 4 per unit.
	2.	CC Patient Room, Isolation	2	26.0	52	Positive Pressure for Burn Unit Includes staff, patient and family zones; computer workstation, monitors, space for equipment at bedside, medical gases as required by code, hand-washing sink, locked storage for patient/family, supply storage for staff, design may include a nurse sever to be determined during design process
	a.	Anteroom, Isolation	2	4.0	8	Same as above; Infection Control plan calls for 4 per unit.
	3.	Patient Toilet/Shower, ADA	10	5.0	50	Place one per isolation patient room, provides for storage of personal protective equipment (PPE) (e.g., respirators, gowns, gloves), clean equipment, and hand hygiene.
	4.	Decentralized Staff Workstation (1:1)	10	1.0	10	One workstation shared between 2 Pt. Rooms
A2. Critical Care Unit "B" -10 beds			-		-	10-bed Critical Care Unit
	1.	CC Patient Room, Private	-	26.0	-	
	a.	Isol Cart alcove	-	2.0	-	Same as above; Infection Control plan calls for 4 per unit.
	2.	CC Patient Room, Isolation	-	26.0	-	Positive Pressure for Burn Unit Includes staff, patient and family zones; computer workstation, monitors, space for equipment at bedside, medical gases as required by code, hand-washing sink, locked storage for patient/family, supply storage for staff, design may include a nurse sever to be determined during design process
	a.	Anteroom, Isolation	-	4.0	-	Same as above; Infection Control plan calls for 4 per unit.
	3.	Patient Toilet/Shower, ADA	-	5.0	-	Place one per isolation patient room, provides for storage of personal protective equipment (PPE) (e.g., respirators, gowns, gloves), clean equipment, and hand hygiene.
	4.	Decentralized Staff Workstation (1:1)	-	1.0	-	One workstation shared between 2 Pt. Rooms
B1. Clinical Support - 10 beds					112	
	1.	Communication Center / Nurse Station	1	11.0	11	Staffed by Unit Secretary / Clerk (2)
	2.	Workroom, Provider (1:10)	1	23.0	23	These are the "rounding rooms" and include 6 computer workstations @ 2.8 NSM each, PACS viewing stations, telephones, privacy for discussions, phone calls; lockable storage; a minimum of 36 additional computers are available throughout the unit for charting or order entry
	3.	Medication Room (1:10)	1	11.0	11	Based on model of scheduled meds being stored locally (on WOWs, individual patient room server/bedside) and unscheduled meds stored in a Pyxis; allows change to store all meds in Pyxis in future. This room contains a work counter, full sink for hand-washing, a lockable refrigerator, and locked storage for controlled drugs. The room also contains several self-contained medicine dispensing units. Goal - patient safety, sized for medication prep. only - No storage of non-med-related supplies. Do not want P-tubes here.
	4.	Pneumatic Tube	1	1.0	1	In communication center.
	5.	Emergency Equipment Alcove (1:10)	2	1.0	2	Includes crash cart, provide shelving/cabinet above to store disaster duffel bag.
	6.	Point of Care Testing Counter (1:20)	1	3.0	3	Blood gas, POC testing area. One per 10 beds is ideal, however if space constraints, can be shared by 2 10-bed units
	7.	Galley/ Patient Nutrition (1:20)	1	7.0	7	Space for storage of patient snacks, enteral nutrition storage, ice machine; restricted to staff access.
	8.	Phlebotomy Supply Closet	1	2.0	2	Phlebotomy carts and supplies will be stored in phlebotomy section of the main lab (per lab user group, week of 11/17/08).
	9.	Clean Holding/Supplies (1:16)	1	11.0	11	For clean supplies.
	10.	Clean Linen (1:16)	1	7.0	7	
	11.	Soiled Holding (1:16)	1	11.0	11	For soiled equipment and soiled linen.

A1.1 Critical Care Beds		ONCOLOGY			
Two 10-bed Units w/Shared Support		# of Spaces	NSM/Space	TOTAL NSM	Remarks
12.	Storage, Equipment, General	1	19.0	19	1.9 NSM per bed for critical care beds
13.	Stretcher/Wheelchair Storage (1:32)	1	4.0	4	Room organized to hold both neatly.
B2. Clinical Support - 10 beds				-	
1.	Communication Center / Nurse Station	-	11.0	-	See above comment
2.	Workroom, Provider (1:10)	-	23.0	-	See above comment
3.	Medication Room (1:10)	-	11.0	-	See above comment
4.	Pneumatic Tube	-	1.0	-	See above comment
5.	Emergency Equipment Alcove (1:10)	-	1.0	-	See above comment
6.	Point of Care Testing Counter (1:20)	-	3.0	-	See above comment
7.	Galley/ Patient Nutrition (1:20)	-	7.0	-	See above comment
8.	Phlebotomy Supply Closet	-	2.0	-	See above comment
9.	Clean Holding/Supplies (1:16)	-	11.0	-	See above comment
10.	Clean Linen (1:16)	-	7.0	-	See above comment
11.	Soiled Holding (1:16)	-	11.0	-	See above comment
12.	Storage, Equipment, General	-	19.0	-	See above comment
13.	Stretcher/Wheelchair Storage (1:32)	-	4.0	-	See above comment
C. Ancillary Services Support - 20 beds				62	Shared between 2 Units
1.	Workroom/Confer., Clinical Team (1:20)	1	23.0	23	These are rooms with space for pharmacy, social work, case management, dietary, PT/OT, financial counselors, and others who visit this and other floors; also space for nurses to work "offstage"; includes 3 computer workstations @ 2.8 NSM, phones, work space; allows staff visual and auditory privacy; adjacent to communication center and physician work areas
2.	Respiratory Therapy Workroom (1:20)	1	13.0	13	Moved to core: includes space for testing of equipment, plumbed for all medical gases.
3.	Self-serve Family Nutrition (1:20)	1	4.0	4	Can be used for other purpose. Space for family nutrition, refrigerator, water and ice machine.
4.	Pantry, Floor/ Staging (1:32)	1	4.0	4	Staging area for dietary and room service, includes open floor space, locate adjacent to Galley/patient nutrition.
5.	Materials Mgmt Staging (1:32)	1	9.0	9	Staging area for materials management items - locate directly outside elevator in bed unit.
6.	Public Trash and Recycling (1:16)	2	2.0	4	Open floor space for waste bins, recycle bins.
7.	Houskeeping Closet (1:32)	1	5.0	5	Includes floor sink, chemical system, cart storage and water source.
D. Staff Support - 20 beds				83	Shared between two 10-bed Units
1.	Conference / Meeting Room (10)	-	13.0	-	Refer to Admin Support, verify with FGI for Unit
2.	On-call Room with Toil / Sho	1	11.0	11	Near Unit
3.	Staff Change Area, Male (20)	1	13.0	13	
4.	Staff Change Area, Female (40?)	1	23.0	23	Verify qty of lockers
5.	Staff Lounges, Male+Female	2	13.0	26	
6.	Staff Toilet	2	5.0	10	
E. Admin Support - 20 beds				78	Shared between two 10-bed Units
1.	Conference / Meeting Room (16-20)	1	27.0	27	
2.	Office - MD Adult ICU	1	12.0	12	Refer to Item A1.2.E: Acuity Adj'l Beds Program
2.	Office - MD Ped ICU	1	12.0	12	Refer to Item A1.2.E: Acuity Adj'l Beds Program
3.	Office - Nurse Manager	1	9.0	9	Verify qty of lockers
4.	Workstation, Registrars	-	4.0	-	Assume not required, verify
5.	Workstation, CNC/Educator	1	4.0	4	
6.	Workstation, Research	2	4.0	8	

A1.1 Critical Care Beds		ONCOLOGY			
Two 10-bed Units w/Shared Support		# of	NSM/	TOTAL	
ID	Functional Element	<i>Spaces</i>	<i>Space</i>	NSM	Remarks
	7. Workstation, Secretarial	1	4.0	4	
	8. Workstation - General/Touchdown	1	2.0	2	
F. Reception/Waiting - 20 beds				53	Shared between two 10-bed Units
	1. Reception/Control	1	5.0	5	Requirement for program only not required by FGI
	2. Waiting Male	1	11.0	11	In floor core (between two units).
	3. Waiting Family/Female	1	11.0	11	In floor core (between two units).
	4. Pediatric Play (seats/play space)	1	5	5	Assumes space for 3-5 children @ 1.4 NSM/child
	5. Public Toilets (ADA)	2	5.0	10	
	6. Drinking Fountain Alcove	1	-	-	Adjacent to Family Waiting
	7. Consultation Room	1	11.0	11	Private Consultation, Quiet Room
SUB-TOTAL NSM				732	
NSM to DGSM Multiplier				1.60	
TOTAL DEPT GSM		10		1,170	

A2.1 Acuity Adjustable Prototype One 20-bed Nursing Unit		ONCOLOGY			Remarks
		# of Spaces	NSM/Space	TOTAL NSM	
A. Acuity Adjustable Beds (20)		20		674	20-bed Nursing Unit (no VIP suites per User Grps)
1. Patient Room, Private		18	26.0	468	Pediatrics requirements based on specific program requirements. Includes staff, patient and family zones; computer workstation, monitors, space for equipment at bedside, medical gases as required by code, hand-washing sink, locked storage for patient/family, supply storage for staff, design may include a nurse sever to be determined during design process. Oncology program call for a portion to be Palliative Care suite which will include more long term care amenities: storage and furniture
a. Isol Cart alcove		18	2.0	36	Same as above; Infection Control plan calls for 4 per unit.
2. Patient Room, Isolation		1	26.0	26	Positive Pressure on Oncology and Burn Suite ; Includes staff, patient and family zones; computer workstation, monitors, space for equipment at bedside, medical gases as required by code, hand-washing sink, locked storage for patient/family, supply storage for staff design may include a nurse sever to be determined during design process
a. Anteroom, Isolation		1	4.0	4	Same as above; Infection Control plan calls for 4 per unit.
3. Patient Room, Isolation, w/ Rad. Shielding (Onc Center Only)		1	26.0	26	Onc. Positive Pressure and Radioactive Isotopes; Requires lead shielding as per physicist report; space for equipment at bedside, medical gases as required by code, hand-washing sink, locked storage for patient/family, supply storage for staff, design may include a nurse sever to be determined during design process
a. Anteroom, Isolation		1	4.0	4	Same as above; Infection Control plan calls for 4 per unit.
4. Patient Toilet/Shower, ADA		20	5.0	100	Place one per isolation patient room, provides for storage of personal protective equipment (PPE) (e.g., respirators, gowns, gloves), clean equipment, and hand hygiene.
5. Decentralized Staff Workstation (1:1)		10	1.0	10	One workstation shared between 2 Pt. Rooms
B. Clinical Support				155	
1. Communication Center / Nurse Station		1	11.0	11	Staffed by Unit Secretary / Clerk (2)
2. Workroom, Provider		1	47.0	47	These are the "rounding rooms" and include 12 computer workstations @ 2.79 nsm each, PACS viewing stations, telephones, privacy for discussions, phone calls; lockable storage; a minimum of 36 additional computers are available throughout the unit for charting or order entry
3. Medication Room (1:16)		1	13.0	13	Based on model of scheduled meds being stored locally (on WOWs, individual patient room server/bedside) and unscheduled meds stored in a Pyxis; allows change to store all meds in Pyxis in future. This room contains a work counter, full sink for hand-washing, a lockable refrigerator, and locked storage for controlled drugs. The room also contains several self-contained medicine dispensing units. Goal - patient safety, sized for medication prep. only - No storage of non-med-related supplies. Do not want P-tubes here.
4. Pneumatic Tube		1	1.0	1	In communication center.
5. Emergency Equipment Alcove (1:8-10)		2	1.0	2	Includes crash cart, provide shelving/cabinet above to store disaster duffel bag.
6. Procedure Room (Echo for Cardiac)		-	13.0	-	Echo or minor treatment; Rehab is identified in separate program
7. Point of Care Testing Counter (1:16-20)		1	3.0	3	POC testing area.
8. Galley/Patient Nutrition (1:16-20)		1	7.0	7	
9. Phlebotomy Supply Closet		1	2.0	2	Phlebotomy carts and supplies will be stored in phlebotomy section of the main lab
10. Clean Holding/Supplies (1:16-20)		1	18.0	18	For clean supplies.
11. Clean Linen (1:16-20)		1	5.0	5	
12. Soiled Holding (1:16-20)		1	11.0	11	For soiled equipment and soiled linen.
13. Storage, Equipment, General (1:16-20)		1	27.0	27	
14. Stretcher/Wheelchair Storage (1:16-20)		2	4.0	8	Room organized to hold both neatly.

A2.1 Acuity Adjustable Prototype
One 20-bed Nursing Unit

		ONCOLOGY			
		# of Spaces	NSM/Space	TOTAL NSM	Remarks
C. Ancillary Services Support				93	
1. Workroom/Confer., Clinical Team (1:20)	1	23.0	23	23	These are rooms with space for pharmacy, social work, case management, dietary, PT/OT, financial counselors, and others who visit this and other floors; also space for nurses to work "offstage" ; includes 6 computer workstations @ 2.79 nsm, phones, work space; allows staff visual and auditory privacy; adjacent to communication center and physician work areas
2. Respiratory Therapy Work Room	1	13.0	13	13	Moved to core: includes space for testing of equipment, plumbed for all medical gases.
3. Self-serve Family Nutrition (1:16-20)	1	4.0	4	4	Space for family nutrition, refrigerator, water and ice machine.
4. Pantry, Floor/ Staging (1:32-40)	1	4.0	4	4	Staging area for dietary and room service, includes open floor space, locate adjacent to Galley/patient nutrition.
5. Materials Mgmt Staging (1:32-40)	1	9.0	9	9	Staging area for materials management items - locate directly outside elevator in bed unit.
6. Public Trash and Recycling (1:16)	2	2.0	4	4	Open floor space for waste bins, recycle bins.
7. Housekeeping Closet (1:32-40)	1	5.0	5	5	Includes floor sink, chemical system, cart storage and water source.
8. Ped Play Room - Cardiac + Onc.	1	13.0	13	13	Oncology paediatrics day space shared between two units
9. School Room - Onc. Only	1	18.0	18	18	Oncology paediatrics classroom and clinical training shared between two units
D. Staff Support				88	
1. Conference / Meeting Room (10)	-	0.0	-	-	Meeting Room; Refer to Admin Support, verify with FGI for Unit
2. On-call Room with Toil / Sho	1	16.0	16	16	Separate male and female facilities 1 : 20
3. Staff Change Area, Male (20)	1	13.0	13	13	Verify qty of lockers
4. Staff Change Area, Female (40?)	1	23.0	23	23	Verify qty of lockers
5. Staff Lounges, Male+Female	2	13.0	26	26	
6. Staff Toilet	2	5.0	10	10	
E. Admin Support				44	Can be shared between two 20-bed Units, verify
1. Conference / Meeting Room (16-20)	1	27.0	27	27	Verify if required
3. Office - MD		12.0	-	-	Refer to Item A1.1.E: Critical Care Program
4. Office - MD		12.0	-	-	Refer to Item A1.1.E: Critical Care Program
5. Office - Nurse Manager	1	9.0	9	9	Head Nurse
6. Workstation, Registrars	-	4.0	-	-	Assume not required, verify
7. Workstation, CNC/Educator	-	4.0	-	-	verify if required
8. Workstation, Research	-	4.0	-	-	Assume not required, verify
9. Workstation, Secretarial	1	4.0	4	4	Verify if required
10. Workstation - General/Touchdown	2	2.0	4	4	Verify if required
F. Reception/Waiting				53	Can be shared between two 20-bed Units, verify
1. Reception/Control	1	5.0	5	5	Verify if required
2. Waiting Male	1	11.0	11	11	In floor core (between two units).
3. Waiting Family/Female	1	11.0	11	11	In floor core (between two units).
4. Pediatric Play (seats/play space)	1	5	5	5	Assumes space for 3-5 children @ 1.4 NSM/child
5. Public Toilets	2	5.0	10	10	Prayer areas identified in public functions
6. Consultation Room	1	11.0	11	11	Private Consultation, Quiet Room
7. Drinking Fountain Alcove	1	-	-	-	- Adjacent to Family Waiting
SUB-TOTAL NSM				1,107	
NSM to DGSM Multiplier				1.60	
TOTAL DEPT GSM		20		1,770	

B2.1 DI: Rad, US, CT, MR

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/ Space	TOTAL NSM	
A. Primary Activity Functions		2		92	SENARIO 2 - Direct Connection to Hospital
1.	General Rad	-		-	
a.	General Rad	-	21	-	Layout should be developed in compliance with manufacturer specifications; requires radiation protection/shielding; consider weight impact, flooring should be adequate
b.	Control	-	2	-	Can combine control rooms if privacy is assured
c.	Pt Dress/ Sub-wait	-	4	-	Dressing room includes possible waiting with appropriate amenities
d.	Patient Toilet	-	5	-	Adjacent to the room
e.	Equipment Stor.	-	5	-	
2.	Rad / Fluoro	1		51	Fluoro is necessary in Oncology Specialist Center only
a.	Rad / Fluoro	1	27	27	Layout should be developed in compliance with manufacturer specifications; requires radiation protection/shielding; consider weight impact, flooring should be adequate
b.	Control	1	2	2	Can combine control rooms if privacy is assured
c.	Pt Dress/ Sub-wait	2	4	8	
d.	Patient Toilet	1	5	5	Door to treatment room
e.	Equipment Stor.	1	5	5	Flexible to include apparatuses or support equipment
f.	Contrast Media Prep	1	4	4	Alcove or room adjacent to patient area
3.	Angiography / Fluoro	-		-	Used in Oncology and Trauma Center Only
a.	Angio	-	37	-	Layout should be developed in compliance with manufacturer specifications; requires radiation protection/shielding; consider weight impact, flooring should be adequate
b.	Control	-	9	-	Can combine control rooms if privacy is assured
c.	Pt Dress/ Sub-wait	-	4	-	
d.	Patient Toilet	-	5	-	Door to treatment room
e.	Equipment Stor.	-	5	-	Flexible to include apparatuses or support equipment
f.	Contrast Media Prep	-	4	-	Alcove or room adjacent to patient area
4.	US General	1		41	
a.	Ultrasound - General	1	13	13	Room for general US studies; hand-washing; probes washed and stored in other room
b.	Tech Workstation & Control	1	7	7	Centralized space adjacent to treatment rooms
c.	Pt Dress/ Sub-wait	1	4	4	High volume will necessitate use of separate dressing room
d.	Patient Toilet	1	5	5	One door to treatment room
e.	Equipment Stor.	1	5	5	
f.	Processing Room (US Probes)	1	7	7	Clean and disinfect process flow clean and sub sterile process flow
5.	CT Scan	-		-	
a.	CT Scan Room	-	37	-	Allow for stretcher access. Review manufacturer specs for clearances
b.	Control	-	9	-	
c.	Pt Dress/ Sub-wait	-	4	-	
d.	Patient Toilet	-	5	-	
e.	Equipment Stor.	-	5	-	
6.	MRI Scan	-		-	
a.	MRI Scan Room	-	41	-	Layout should be developed in compliance with manufacturer specifications; requires radiation protection/shielding; consider weight impact, flooring should be adequate; additional shielding may be necessary; small pit may be required depending on manufacturer
b.	MRI Equipment Rm	-	16	-	Equipment room must be adjacent to scan room
c.	MRI Control	-	9	-	Control of entrance to scan room is necessary
d.	Pt Dress/ Sub-wait/ Prep	-	5	-	

B2.1 DI: Rad, US, CT, MR

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/ Space	TOTAL NSM	
	<i>e. Patient Toilet</i>	-	5	-	- Accessible for patients that have been cleared for access
	<i>f. MR Strchr Alcove (Zone III)</i>	-	9	-	- Holding for Non Ferris stretcher
	<i>g. MR Exclusion Vestibule (Zone II)</i>	-	4	-	- Patient, visitors and staff must be approved for entrance in Phase 3 area
	<i>h. Patient Subwait (Zone II)</i>	-	3	-	
	<i>i. MR Tech Interview Room (Zone II)</i>	-	7	-	- Tech area for monitoring access to exclusion zones
	<i>j. Patient Toilet (Zone III)</i>	-	5	-	
	<i>k. Housekeeping Closet (Zone III)</i>	-	1	-	- Closet for non-Ferris cleaning supplies and equipment
	<i>l. Cryogen Storage</i>	-	7	-	
B. Patient Prep/ Holding					
	1. IP Prep / Holding Station	-		-	- Patient staging area
	2. OP Prep / Holding	-		-	- Injection and anesthesia preparation and holding
	3. Recovery / observation	-		-	
	4. Male Sub-wait	-		-	
	5. Female Sub-wait	-		-	
	6. Patient Toilet	-		-	- In modalities
C. Clinical Support					
	1. Nurse Station	-		-	- Areas visible to patient holding; medication and preparation; documentation and control
	2. Medication Safety Zone	-		-	
	3. Crash Cart Alcove	-		-	- Easily accessible to care givers
	4. Soiled Utility Room	-		-	
	5. Clean Utility Room	-		-	
	6. Mobile Equipment Storage	-		-	
	7. Housekeeping	-		-	

B2.1 DI: Rad, US, CT, MR

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/ Space	TOTAL NSM	Remarks
D. Interpretation				12	
1.	PACS Reading / Dictation Room	1	9	9	Physician on duty: Physician Reading room with controlled lighting and environment
2.	Image Processor Alcove	1	3	3	Size as per requirement and manufacturer specification
E. Staff Support				-	
1.	Lockers, Staff	-		-	- Separate male and female
2.	Toilets, Staff	-		-	- Separate male and female
3.	Lounge, Staff	-		-	- Separate male and female. Counter; microwave; refrigerator; and table
4.	Prayer Rooms	-		-	- Separate male and female
F. Admin Support				-	
1.	Secretary Workstation	-		-	
2.	Supervisor Office	-		-	
3.	Chief Tech Office	-		-	Office Department Head
4.	Shared Fax/Copy/Office Supplies	-		-	
G. Public Functions				-	
1.	Waiting Room	-		-	- Separate male and female
2.	Receptionist / Control	-		-	
3.	Waiting Room	-		-	
4.	Pediatric Play (seats/play space)	-		-	
5.	Public Toilet	-		-	
6.	Drinking Fountain Alcove	-		-	
SUB-TOTAL NSM				208	
NSM to DGSM Multiplier				1.65	
TOTAL DEPT GSM		2		340	

B2.2 DI: Nuclear Medicine & PET

		ONCOLOGY			
<i>ID</i>	<i>Functional Element</i>	<i># of Spaces</i>	<i>NSM/ Space</i>	<i>TOTAL NSM</i>	<i>Remarks</i>
A. Primary Activity Functions		2	Rms	85	Ideally adjacent to Radiology in Cardiac Center
1. Nuclear Medicine Scan		-		-	
	<i>a. NM Scan Room</i>	-	27	-	Space should be adequate to permit entry of stretchers, beds, imaging equipment, electronic consoles; size/layout should be developed in compliance with manufacturer specifications; requires radiation protection/shielding; consider weight impact, flooring should be adequate to meet load requirements for equipment, patients, staff; consider lay-in ceiling for ease of installation, service, remodeling; include wire raceways, ducts, conduits for floors, walls, ceilings (higher than normal)
	<i>b. Control Alcove (shared)</i>	-	5	-	
	<i>c. Pt Dress/ Sub-wait</i>	-	4	-	
	<i>d. Patient Toilet</i>	-	5	-	
2. Nuclear Med. SPECT		-		-	
	<i>a. NM Scan Room (2-3 head)</i>	-	27	-	Space should be adequate to permit entry of stretchers, beds, imaging equipment, electronic consoles; size/layout should be developed in compliance with manufacturer specifications; requires radiation protection/shielding; consider weight impact, flooring should be adequate to meet load requirements for equipment, patients, staff; consider lay-in ceiling for ease of installation, service, remodeling; include wire raceways, ducts, conduits for floors, walls, ceilings (higher than normal)
	<i>b. Control Alcove (shared)</i>		-	-	- Shared with A1.a
	<i>c. Pt Dress/ Sub-wait</i>		-	-	- Shared with A1.a
	<i>d. Patient Toilet</i>		-	-	- Shared with A1.a

B2.2 DI: Nuclear Medicine & PET

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/ Space	TOTAL NSM	Remarks
3.	PET/CT Scan	1		71	
	a. PET CT Scan Room	1	33	33	Includes one shell room; space should be adequate to permit entry of stretchers, beds, imaging equipment, electronic consoles; size/layout should be developed in compliance w/ manufacturer specifications; requires radiation protection/shielding; consider weight impact, flooring should be adequate to meet load requirements for equipment, patients, staff; consider lay-in ceiling for ease of installation, service, remodeling; include wire raceways, ducts, conduits for floors, walls, ceilings (higher than normal)
	b. Control Room	1	13	13	Computer equipment & printer; counter w/base & wall storage cabinets; writing surface/ data outlet; two side chairs; stool; clothes hook; mirror; sink with paper towel & soap dispensers; nurse call: 2 with treadmills
	c. Computer/Equipment Room	1	7	7	1 per Scan Room; verify with manufacturer specifications in relation to Scan Room
	d. Pt Dress/ Sub-wait (CT)	2	4	8	
	e. Patient Toilet	1	5	5	
	f. Equipment Stor.	1	5	5	
4.	Dexa Scan	-		-	
	a. Scan Room	-	14	-	
5.	Stress Testing/ Exam Room	1		14	
	a. Stress Testing/Exam Room	1	14	14	Adjacent to Nuclear Cardiology room; also to be used by lab for culture collection if necessary; treadmill, hand-washing sink w/ paper towel & soap dispenser; work counter w/ base & wall storage cabinets; writing surface (30") w/data out

B2.2 DI: Nuclear Medicine & PET

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/ Space	TOTAL NSM	Remarks
B. Patient Prep/ Holding				86	
1.	IP Stretcher Holding	2	5	10	Alcove outside of each Camera / Stress Test Suite; medical gases; nurse call; curtain
2.	OP Prep/ Inject /Hold	1	5	5	Alcove w/ curtain outside each NM scan room
3.	Male Sub-wait	1	9	9	
4.	Female Sub-wait	1	9	9	
3.	Male Hot Sub-wait	1	9	9	
4.	Female Hot Sub-wait	1	9	9	
5.	Patient Toilet	1	4	4	In modalities
6.	Thyroid Uptake/Exam	1	13	13	Includes hand-washing facilities, counter, storage; shared w/ Nuclear Cardiology
7.	Hot Patient lounge / Wait	1	11	11	Lead lined room
8.	Nuclear Cardiology Workroom	1	7	7	Reading area directly adjacent to each camera room; areas may be centralized for all camera rooms
C. Hot Lab Related				32	
1.	Radiopharmacy Laboratory NM	1	11	11	Assume PET Lab functions can be combined with NM; ALSO SHARED W/ NUCL.CARD.; Direct exhaust to outside; lead lining work counter and base cabinets reinforced for extra weight; separate short-term isotope storage enclosure/cabinet; wall cabinets, sink;
2.	Radiopharmacy Laboratory PET	-	13	-	INCLUDED IN Radio Pharmacy Lab
3.	Sample Assay Lab	1	11	11	
4.	Invitro Laboratory	1	7	7	
5.	Hot Lab Office	-	7	-	INCLUDED IN Radiopharmacy Lab Short and long term dead storage
6.	Isotope Storage - Short-term	1	3	3	Need to verify long-term storage off-site (Decay Room)
D. Clinical Support				32	
1.	Nurse Station	1	9	9	
2.	Medication Safety Zone	1	4	4	
3.	Crash Cart Alcove	1	1	1	
4.	Soiled Utility Room	1	7	7	
5.	Clean Utility Room	1	7	7	
6.	Exchange / Linen Cart Alcove	1	1	1	
7.	Housekeeping	1	3	3	
E. Interpretation				23	
1.	NM Interpretation	1	7	7	Modular workstations with computer terminals; adjacent to but separate from the Tech work areas; capacity for up to two staff / physicians; Accommodates Soft Viewer and motorized illuminator
2.	PET Interpretation	1	7	7	Modular workstations with computer terminals; adjacent to but separate from the Tech work areas; capacity for up to two staff / physicians; Accommodates Soft Viewer and motorized illuminator
3.	Radiologist Office	1	9	9	Shared with Section B1.1

B2.2 DI: Nuclear Medicine & PET

ONCOLOGY

<i>ID</i>	<i>Functional Element</i>	<i># of Spaces</i>	<i>NSM/Space</i>	<i>TOTAL NSM</i>	<i>Remarks</i>
F. Staff Support					
	1. Staff Toilet		4		- Shared with Section B2.1
	2. Staff Toilet Eastern		5		- Shared with Section B5.1
	3. Staff Shower		7		- Shared with Section B5.1
	4. Staff Lockers / Female		11		- Shared with Section B5.1
	5. Staff Lockers / Male		11		- Shared with Section B5.1
	6. Staff Lounge		24		- Shared with Section B5.1
G. Admin Support					
	1. Secretary Workstation	-	3	20	- Shared with Section B5.1
	2. Chief Tech Office	-	7		- Shared with Section B5.1
	3. Supervisor Office	-	7		- Shared with Section B5.1
	4. Medical Physics Office	1	7	7	Shared with Section B5.1
	5. Consultant Office	1	7	7	Shared with Section B5.1
	6. Scheduler	1	3	3	Shared with Section B5.1
	7. Shared Fax/Copy/Office Supplies	1	3	3	Shared with Section B5.1
H. Public Functions					
	1. Waiting Room	-	-		- Shared with Section B2.1
	2. Receptionist / Control	-	-		- Shared with Section B5.1
	3. Waiting Room	-	-		- Shared with Section B5.1
	4. Pediatric Play (seats/play space)	-	-		- Shared with Section B5.1
	5. Public Toilet	-	-		- Shared with Section B5.1
	6. Drinking Fountain Alcove	-	-		- Shared with Section B5.1
SUB-TOTAL NSM				556	
				1.65	
TOTAL DEPT GSM		2		920	

B4.1 SS: Main OR Suite/ Support

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/ Space	TOTAL NSM	
A. Primary Activity - ORs		4		243	Verify number of ORs required with Core User Groups
1.	Hybrid OR & Control: Consider Siemens Artist Z for xtra CT Scan.	1	78.0	78	Min. clear area of 56 sm (proposed is univ. OR room ~ 7.3 m x 7 m) with min. of 6 m clear dimension between fixed cabinets and built-in shelves; includes a system for emergency communication with ORcontrol station; x-ray film illuminators for handling at least four films simultaneously should be provided; room requires add'l personnel and/or large equip.; appropriate plumbing and elect. connections shall be provided
2.	Operating Room - Large (CV + Trauma)		-	-	Minimum clear area of 56 sm (proposed is univ. OR room ~ 7.3 m x 7 m) with minimum of 6 m clear dimension between fixed cabinets and built-in shelves; includes a system for emergency communication with surgical suite control station; x-ray film illuminators for handling at least four films simultaneously should be provided; room requires additional personnel and/or large equipment; appropriate plumbing and electrical connections shall be provided; shell 1 room; additional, adjoining pump room in restricted area (See Pump Room)
3.	Operating Room - General (Onc & Opht)	3	55.0	165	Min. clear area of 38 sm with min. of 6 m clear dimension between fixed cabinets and built-in shelves; includes a system for emergency communication with O Rcontrol station; x-ray film illuminators for handling at least four films simultaneously should be provided; room requires add'l personnel and/or large equip.; appropriate plumbing and elect. connections shall be provided
B. Primary Support - Clean/Sterile				129	
1.	Scrub Station	2	3.0	6	Assume 1 scrub alcove per 2 ORs
2.	Equipment Storage, Dedicated	2	7.0	14	One module shared between 2 ORs; includes equipment and supplies used in the OR's; these areas should be out of corridors and traffic
3.	Sub Sterile	1	7.0	7	One sub-sterile per 4 ORs
4.	Storage, Stretcher	4	2.0	8	.91 m x 2.44 m clear, large enough to accommodate ICU bed; 1 per OR; provided in strategic location adjacent to patient entry to OR; these areas should be out of corridors and away from normal traffic
5.	On-deck Case Cart Alcove	4	1.0	4	One module shared between 2 ORs; carts include case-specific operative supplies used in the OR's; these areas should be out of corridors and traffic
6.	Sterile Storage (backup/specialty)	1	46.0	46	Within sterile core; moisture and temperature controlled and free from cross traffic
7.	Clean Storage (backup)	1	23.0	23	Within sterile core; moisture and temperature controlled and free from cross traffic
8.	Suture Storage	1	1.0	1	Within sterile core; moisture and temperature controlled and free from cross traffic
9.	Equipment Storage, General	1	37.0	37	Area may include overflow of items such as portable units, stretchers, specialty items, warming devices, auxiliary lamps, etc; these areas should be out of corridors and traffic
10.	Pump Room Open Heart/Vascular		-	-	Room in restricted area of surgical suite, preferably adjoining OR, where extra corporeal pumps, supplies, and accessories are stored and serviced; assume pumps in OR's
11.	Orderly Workroom	1	7.0	7	Temporary waiting area for staff between assignments; accommodates ~6 seated positions
12.	Housekeeping Closet (Dedicated)	1	3.0	3	Housekeeping facilities for exclusive use of OR Functions; contains service sink or floor receptor and provisions for storage of supplies (e.g. cleaning agents)

B4.1 SS: Main OR Suite/ Support

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/ Space	TOTAL NSM	
C. Primary Support - Transitional				115	
1.	Control Station	1	11.0	11	A station located to permit visual observation of all traffic into OR suite; includes Copy Center @ 5.6 sm; share with Schedule; currently includes Nurse Station and Secretary
2.	Scheduling	1	5.0	5	Area of OR designated for schedule coordination; share with Control
3.	Breakout/Drop off	1	11.0	11	A room for breakdown should be provided for manufacturers' special supplies; locate next to Control for receiving and dispensing items necessary for pending OR cases
4.	Supply/Equip Coord. Workroom	1	16.0	16	Includes tool/parts storage
5.	Radiology Work Room	1	3.0	3	CR Reader/laser camera for patient imaging studies; located convenient to OR; room size/configuration dependent upon hardware and electronic storage requirements
6.	C-Arm/X-ray Equipment Alcove	1	2.0	2	May be decentralized areas for storage of mobile imaging units
7.	Anesthesia Office	1	9.0	9	3.05 m x 3.66 m; adjacent to Anesthesia Work Room and Anesthesia Monitor Tech area; enclosed office; desk with return; PC printer, 3 guest chairs; file storage; overhead storage bins for reference material and binders
8.	Anesthesia Monitor Technician	-	11.0	-	Modular office arrangement to accommodate multiple users; includes file storage and computers
9.	Anesthesia Work Room	1	18.0	18	Area for cleaning, testing, storing anesth. equip. that should contain work counters, stainless steel sinks, racks for medical gas cylinders; Should have 1 oxygen outlet and 1 medical air outlet per workstation; includes separate storage of clean and soiled items; provides space for anesthesia carts and other anesthesia equipment; adjacent to Stat Lab; accessible to Clean/Sterile Core
10.	Stat Lab	1	7.0	7	Adjacent to Anesth. Workroom; provisions include work counters with space for appropriate testing equip. should be provided; work areas should include sinks with water and access to electrical services as needed; certain OR-related procedures performed on an immediate basis
11.	Blood Bank	-	-	-	Include refrigerated blood storage in Anesthesiology Work Room; assume materiel transport via PTS; currently all Lab functions in Minimum clear area of 36 sm
12.	Frozen Section Lab	-	-	-	See Laboratory Space Program; currently all Lab functions in Minimum clear area of 36 sm
13.	Pathology Workroom	-	-	-	See Laboratory Space Program; currently all Lab functions in Minimum clear area of 36 sm
14.	Satellite Pharmacy (verify w/Pharmacis)	1	13.0	13	Provisions for medication preparation; contains work counter, sink, refrigerator, and double-locked storage for controlled substances, medication-dispensing units (e.g. Acudose); located for convenient access, staff control, and security; detailed contents of space depend upon drug distribution system used and functional items described in Pharmacy Program
15.	Case Cart Staging - Soiled	1	11.0	11	This area should be close to transport access to cleaning destination to keep traffic at a minimum, ease of work flow, avoid contamination
16.	Bio-Hazardous/Trash Storage	1	4.0	4	Currently part of dgsf; combine with Case Cart Staging-Soiled
17.	Medical Gas Storage	1	3.0	3	Currently on level 2; main, central storage of medical gases may be outside or inside facility in accordance with NFPA 99; OR gases piped from central location
18.	Telecommunications	1	-	-	Part of bgsf; provides information systems support; may share with adjacent department/area
19.	Tank Storage, Portable	1	2.0	2	Provisions for additional separate storage of reserve gas cylinders necessary to complete at least one day's procedures

B4.1 SS: Main OR Suite/ Support

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/ Space	TOTAL NSM	
D. Sterile Processing				-	Refer to Item H1. Central Sterile Processing program
E. Staff Support				125	Quantity of Staff Lockers/Toilets/Showers pending Owner Review
	1. Staff Locker Room, Female	1	27	27	53cm ht. "Z" lockers; clean linen storage; soiled linen hamper; coat closet; accessible to Cath Lab Suite's clean corridor; Verify Locker #
	2. Staff Locker Room, Male	1	18	18	53cm ht. "Z" lockers; clean linen storage; soiled linen hamper; coat closet; accessible to Cath Lab Suite's clean corridor; Verify Locker #
	3. Staff Toilets/Showers, Female	1	16	16	Directly accessible from lockers; two toilets stalls; lavatories, one showers; mirror & accessories
	4. Staff Toilets/Showers, Male	1	16	16	Directly accessible from lockers; two toilets stalls; lavatories, one showers; mirror & accessories
	5. Automated Scrub Dispensing	2	2.0	4	For both male and female
	6. Dictation	2	1.0	2	Includes ~.91 m x 2.44 m carrels; provides space for dictation and report preparation; may combine with MD Workroom; may be accessible from Lounge
	7. Staff Lounge, Male and Female	1	27	27	Seating for 15 people; refrigerator, sink, coffee, microwave, table & chairs, sofa; tackboard;
	8. On Call Sleep Room	1	9.0	9	To include bed, nightstand, TV/VCR, radio, phone, desk, chair
	9. On Call with Toilet/Shower	1	6.0	6	Shared between 2 On-call Rooms
F. Public Functions				77	
	1. Reception/Control	1	5.0	5	Verify if required
	2. Waiting Male	1	23.0	23	In floor core (between two units).
	3. Waiting Family/Female	1	23.0	23	In floor core (between two units).
	4. Pediatric Play (seats/play space)	1	5.0	5	Assumes space for 3-5 children @ 1.4 NSM/child
	5. Public Toilets	2	5.0	10	Prayer areas identified in public functions
	6. Drinking Fountain Alcove	1	-	-	Adjacent to Family Waiting
	7. Physician Consultation Room	1	11.0	11	Lounge-type seating for 4-6 people; adjacent to Family Waiting; accessible to surgeons from Clean Surgery Core; viewbox
G. Administrative Functions				101	
	1. Office, Surgery Director	1	13.0	13	3.66 m x 3.81 m; enclosed office; desk with return; computer, 3 guest chairs; file storage; overhead storage bins for reference material and binders; currently Joan Lelis' office
	2. Office, Secretary/Files - (to the Director)	1	9.0	9	3.66 m x 3.66 m; enclosed office; desk with return; computer, 1 guest chair; file storage; overhead storage bins for reference material and binders; currently Kris Adams' office
	3. Office, Secretary/Files	1	4.0	4	2.44 m x 1.83 m work module; includes work space with computer and files
	4. Office, OR Dept Manager	1	9.0	9	3.66 m x 3.66 m; enclosed office; desk with return; computer, 1 guest chair; file storage; overhead storage bins for reference material and binders
	5. Office, OR Nurse Manager	1	7.0	7	2.44 m x 3.05 m each; includes work space with computer and files
	6. Office, PACU Nurse Manager	1	7.0	7	2.44 m x 3.05 m each; includes work space with computer and files
	7. QA/ Education/Research	1	4.0	4	1.83 m x 2.44 m each workstation; modular office arrangement to accommodate multiple users; includes file storage and computers
	8. Conference / Classroom	1	48.0	48	Accommodates 35-40 persons; computer workstations available for clinical education; bookshelves provided for reference material

B4.1 SS: Main OR Suite/ Support

		ONCOLOGY			
<i>ID</i>	<i>Functional Element</i>	<i># of Spaces</i>	<i>NSM/Space</i>	<i>TOTAL NSM</i>	<i>Remarks</i>
H. Department of Anesthesia				26	
1.	Office, Chairman	1	13.0	13	3.66 m x 3.81 m; enclosed office; desk with return; computer, 3 guest chairs; file storage; overhead storage bins for reference material and binders
2.	Office, Secretary/Files	1	7.0	7	2.44 m x 3.05 m office; includes computer, 1 lateral file and overhead storage bin
3.	Workstations, Anesthesiologist	2	3.0	6	1.83 m x 1.83 m each workstation
SUB-TOTAL NSM				830	
<i>NSM to DGSM Multiplier</i>				<i>1.74</i>	
TOTAL DEPT GSM		4		1,440	

B4.2 SS: Prep/Stg II & PACU

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/Space	TOTAL NSM	
A. Prep/Stage II Recov + PACU		14		228	Cardiac Center Pts go directly to CVICU
1.	Prep/Stage II Recovery Bay	8	11.0	88	Assume individual private rooms with sliding glass, breakaway doors; accommodates pre-operative patient holding for seated and stretcher patients as well as post-operative recovering patients; includes full medical air/gas with 1 oxygen and 3 vacuum/suction outlets and monitoring capabilities; adjacent to Nurse Station/Chart area for visual control; assume some Pre-Op/Recovery Rooms will be designated to accommodate the shelled ORs that will be built
3.	PACU Recovery Positions	5	9.0	45	Assume 1st stage recovery; individual stretcher bays separated by cubicle curtains; adjacent to Nurse Station/Chart area; includes full medical air/gas with 1 oxygen and 3 vacuum/suction outlets and monitoring capabilities; can flex as PreOp/Holding; hand-washing facilities with handsfree operable controls should be available, one for every four beds, uniformly distributed to provide equal access from each bed; assume some Recovery Positions will be designated to accommodate the shelled ORs that will be built
4.	Recovery, Isolation	1	13.0	13	Assume individual private rooms with sliding glass, breakaway doors; accommodates pre-operative pt holding for seated and stretcher pts as well as post-op recovering pts; includes full med air with 1 oxygen and 3 vac. outlets monitoring capabilities; adj. to NS/Chart area for visual control; incl. Anteroom with hand-washing; provisions for recov. of a potentially infectious pt with airborne infection
5.	Anesthesia Procedure Room (Pain)	1	16.0	16	Assume individual private rooms with sliding glass, breakaway doors; accommodates pre-operative patient holding for seated and stretcher patients as well as post-operative recovering patients; includes full medical air/gas with 1 oxygen and 3 vacuum/suction outlets and monitoring capabilities; includes patient toilet with lav
6.	Nurse Station/Chart	1	14.0	14	Assume 1 PC alcove/2 proc rms; PC wkst incl's phone
7.	Self-contained Med. Dispensing Unit	1	3.0	3	Provides space for stor. and distr. of drugs and routine meds, accomplished through self-contained med. dispen. unit, i.e. Acudose; conven access to hand-wash facil shall be provided
8.	Utility Room, Clean	1	9.0	9	Contains work counter, hand-washing fixture, storage facilities for clean supplies; sterile supply storage should be separate from this area
9.	Utility Room, Soiled	1	7	7	For use of collecting, temp. holding, and dispensing of soiled material; includes work countertop with stor. cabinets, clinical service sink; stainless steel double sink; soap and paper towel dispenser; linen hamper; trash containers; haz. waste disposal; located in a restricted area but accessible to Pre-Op/Recovery area
10.	Equipment Storage	1	7	7	Includes equipment and supplies used in the Pre-Op/PACU; area should be out of corridors and traffic
11.	Lockers, Patient	1	3	3	See ASC for outpatient use
12.	Toilet, Patient	4	4	16	
13.	Toilet, Staff	1	4	4	Located within the working area to maintain staff availability to patients
14.	Housekeeping Closet	1	3	3	Housekeeping facilities for exclusive use of Pre-Op/PACU; directly accessible to Pre-Op/PACU; contains service sink or floor receptor and provisions for storage of supplies (e.g. cleaning agents) and housekeeping equipment (e.g. buckets); locate accessible to Soiled Utility Room
B. Staff Support					- Share with Main OR
1.	Staff Locker Room, Female		27		- Shared with Main OR
2.	Staff Locker Room, Male		18		- Shared with Main OR

B4.2 SS: Prep/Stg II & PACU

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
3.	Staff Toilets/Showers, Female		16	-	Shared with Main OR
4.	Staff Toilets/Showers, Male		16	-	Shared with Main OR
5.	Automated Scrub Dispensing		2.0	-	Shared with Main OR
6.	Dictation		1.0	-	Shared with Main OR
7.	Staff Lounge		27	-	Shared with Main OR
8.	On Call Sleep Room		9.0	-	Shared with Main OR
9.	On Call, Toilet/Shower		6.0	-	Shared with Main OR
C. Public Functions					- Share with Main OR
1.	Reception/Control		5	-	Shared with Main OR
2.	Waiting Male		23	-	Shared with Main OR
3.	Waiting Family/Female		23	-	Shared with Main OR
4.	Pediatric Play (seats/play space)		5	-	Shared with Main OR
5.	Public Toilets		5	-	Shared with Main OR
6.	Drinking Fountain Alcove		-	-	Shared with Main OR
7.	Physician Consultation Room		11	-	Shared with Main OR
D. Administrative Functions				7	Share with Main OR
1.	Office, Surgery Director		13.0	-	Shared with Main OR
2.	Office, Secretary/Files - (to the Director)		9.0	-	Shared with Main OR
3.	Office, Secretary/Files		4.0	-	Shared with Main OR
4.	Office, OR Dept Manager		9.0	-	Shared with Main OR
5.	Office, OR Nurse Manager		7.0	-	Shared with Main OR
6.	Office, PACU Nurse Manager	1	7.0	7	3.66 m x 3.66 m; meets with < 3 persons at once; enclosed office; desk with return; computer, 1 guest chair; file storage; overhead storage bins for reference material and binders
7.	QA/ Education/Research Workroom		4.0	-	Shared with Main OR
8.	Conference / Classroom		48.0	-	Shared with Main OR
SUB-TOTAL NSM				235	
NSM to DGSM Multiplier				1.70	
TOTAL DEPT GSM		14		400	

B5.1 Onc: Radiation Oncology

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Linacs, HDR & Simulator		5		650	
1.	Linear Accelerator	-	111.0	-	
2.	Linear Accelerator - Total Body	3	150.0	450	18mv
a.	Linear Acc. Control / Computers	3	26.0	78	Consoles for Lin.Acc., outside primary beam, workstations for 4 chairs, reference library, computer equipment, special HVAC.
3.	HDR / Superficial X-Ray Room	1	46.0	46	
a.	HDR Control	1	26	26	Consoles for Lin.Acc., outside primary beam, workstations for 4 chairs, reference library, computer equipment, special HVAC.
4.	CT / Simulator (large bore)	1	36	36	Assume digital computer interface with CT scanner in diagnostic imaging, remote.; Verify type/ size / technical requirements, digital capability, upper / lower cabs, sink, lasers, intercom, special HVAC, radiation shielding. O2. Vac. air
B. Patient Dress/ Sub-wait/ Toilets				59	Between Exam area and Lin.Acc./Sim.
1.	Male Patient Lounge / Sub-Waiting	4	1.0	4	Chairs, magazine rack, education materials, mirror, fish tank, puzzle table
2.	Female Patient Lounge / Sub-Waiting	4	1.0	4	Chairs, magazine rack, education materials, mirror, fish tank, puzzle table
3.	Male Dressing - General	1	2.0	2	
4.	Male Dressing - Large	1	3.0	3	Walls 3 sides, curtain, small 1/2 lockers-key, bench with flip top for soil linen
5.	Male Toilet	1	4.0	4	ADA, toilet, lav, mirror, nurse call
6.	Male Clean Linen Alcove	1	1.0	1	Closet for robes, booties, etc.
7.	Female Dressing - General	1	2.0	2	Walls 3 sides, curtain, small 1/2 lockers-key, bench with flip top for soil linen
8.	Female Dressing - Large	5	2.0	10	
9.	Female Toilet	1	14.0	14	ADA, toilet, lav, mirror, nurse call
10.	Female Clean Linen Alcove	1	1.0	1	
11.	IP Holding/ recovery	2	7.0	14	O2, Vac, Air, 1 large chair, 1 stretcher, nurse call, by control / Nurse Control

B5.1 Onc: Radiation Oncology

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/ Space	TOTAL NSM	
C. Patient Exam / Support Zone		6		175	
1.	Exam/ Consult - General	4	11.0	44	Exam table, 2 chairs, 1 stool, sphyg., otoscope/ ophthalmoscope, light fixture, clothes hook, sink, 3m min. clearance, upper cab. lower cab / writing surface
2.	Exam/ Consult - Large (EENT)	1	13.0	13	EENT Exam chair, 2 chairs, 1 stool, sphyg., otoscope/ ophthalmoscope, light fixture, clothes hook, 1m minimum clearance at side and foot of table, sink, 3m min. clearance, upper cab. lower cab / writing surface .
3.	Procedure Room	1	16.0	16	Procedure Table, EENT chair in 1 room, mini-OR light, 2 chairs, 1 stool, sphyg., otoscope/ ophthalmoscope, light fixture, clothes hook, 1m minimum clearance at side and foot of table, sink, 3m min. clearance, upper cab, lower cab / writing surface, O2, vac, air
4.	Nurse/MA Workstations	4	3.0	12	By Exam, Transaction workstation for 4 chairs, phone, computers, fax, printers, nurse call central, education file cabinets, crash cart, med cabinet., med refrig.
5.	MD Workstations	2	3.0	6	By Staff Areas, adjacent to Exam pod, but soundproof. Table for 8 chairs, marker board, large double viewboxes, 5 workstations in long counter- @ ea.:phones, computer, viewboxes, 2 study carrels for dictation.
6.	Consultation Room / AV Storage	1	13.0	13	By front - Wait / AV.Shell in plumbing as possible future exam, round table and chairs
7.	AV Education Storage	-	-	-	
8.	Patient Toilet by Exam	2	4.0	8	ADA, toilet, lav, mirror, nurse call, Male and Female
9.	Clean Supply Room	1	9.0	9	Cabs, sink, supply carts.
10.	Soil Room	1	7.0	7	Cabs, deep sink, Trash, Soil Linen, Bio.Waste, recycling.
11.	Housekeeping Closet	1	3.0	3	Housekeeping Cart, mop sink, shelf
12.	Wheelchair Stretcher Alcove	1	2.0	2	One each outside Lin.Acc, near sim.
13.	IP Holding	6	7.0	42	Separate male and female, O2, Vac, Air, 1 large chair, 1 stretcher, nurse call, by control / Nurse Control, Recovery
D. Physics, Dosimetry & Fabrication				158	
1.	Physicist Office	1	9.0	9	Chief Physicist Office
2.	Physicist Office / Rad.Safety	1	9.0	9	includes Radiation Safety Officer.
3.	Physicist's & Dosimetry Common Area	1	9.0	9	Secretary
4.	Radiation Safety Officer	-	-	-	
5.	Physics Consultant Offices	2	9.0	18	
6.	Engineers Office	1	9.0	9	
7.	Chief Therapist Office	1	9.0	9	
8.	Dosimetrist Office / Treatment Planning	1	37.0	37	1 Treatment planning computer deep workstaions / shelves , round tables and chairs, light tables, dicitizers, dosimetry files
9.	Dosimetry Mold Room / Machine Shop	1	18.0	18	Sound insulation, Hood .9 m x 1.8 m, deep sink, includes 4.65 sm styrofoam storage
10.	Workshop Vestibule	-	-	-	- Combine into Dosimetry Mold Room
11.	Machine Shop	1	13.0	13	Physics Workshop: Sound insulation, Hood, Workstation for Physicist Assist. Block Cutter, compressed air
12.	Physicist Equipment Storage	1	7.0	7	
13.	Isotope Storage Room	-	-	-	- Remote, to be verified with Nuclear, area in Oncology IP Program(7.4 sm)
14.	Brachytherapy Source Preparation Lab	1	7.0	7	Physics Lab , I 125 / palladium seeds isotopes, no shielding required in walls (portable shielding)
15.	Physics Clean Laboratory	1	13.0	13	Workshop , Sink, long counters, cabinets, open shelves, bins, carts

B5.1 Onc: Radiation Oncology

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
E. Admin & MD Offices				130	
1.	Radiation Oncologist Dir.	1	20.0	20	Chairman
2.	Radiation Oncologist Offices	3	8.0	24	Consultant MD's
3.	Cancer Registry Office	1	9.0	9	
4.	Secretary / Workstation / Transcription	1	7.0	7	Desk or workstation, computer, printer, phone, workstation panels
5.	File Alcove, fax, printers	1	5.0	5	Files, fax, printers, network hub
6.	Conference / Multipurpose / Library	1	29.0	29	Seat 20 chairs, bookcase one wall, AV screen, marker board, dimmable lights, double viewboxes, cabs for AV storage (overhead, etc.) lockable
7.	Resident Workstation	2	7.0	14	Offices for assistants/fellows (6x6 m)
8.	Office Manager	1	11.0	11	Chief Nurse Office
9.	Server Closet	1	11.0	11	May be substituted with area zone IT closet
F. Staff Support				68	
1.	Staff Lounge	2	13.0	26	Divider to Conference
2.	Pantry Alcove	1	-	-	
3.	Staff Toilet	4	4.0	16	
4.	Lockers	2	13.0	26	Thin or 1/2 lockers separate male and female
G. Waiting, Reception & Files				106	
1.	Waiting Male	16	1.0	16	Can be divided
2.	Consultation Room / AV Storage	1	13.0	13	By front - Wait / AV.Shell in plumbing as possible future exam, round table and chairs
3.	Waiting Female Family	16	1.0	16	Can be divided
4.	Pantry / Vending	1	1.0	1	2 Vending machines, workcounter, sink
5.	Public Toilet	2	4.0	8	
6.	Reception / Regist. / Schedule	2	7.0	14	
7.	Clerk Workstations	2	3.0	6	
8.	Prayer Room	2	16.0	32	Separate prayer areas
SUB-TOTAL NSM				1,346	
NSM to DGSM Multiplier				1.65	
TOTAL DEPT GSM		5		2,220	

B5.2 Onc: Infusion Therapy

ID	Functional Element	# of Spaces	ONCOLOGY			Remarks	
			NSF/Space	TOTAL NSF	NSM/Space		TOTAL NSM
A. Infusion Positions		30		3,040		266	
1.	Male Lounge Chair Positions	8	80	640	7	56	
2.	Female Lounge Chair Positions	12	80	960	7	84	
3.	Paediatric Lounge Chair Positions	8	80	640	7	56	
4.	Private Infusion Rooms	2	160	320	14	28	
5.	Procedure Room	1	160	160	14.0	14	
6.	Procedure Room	2	160	320	14.0	28	
7.	Chemo Pharmacy		150	-	13.0	-	Refer to Section B5.3 - Chemo Pharmacy
B. Intake / Lab				165		13	
1.	Lab Draw Station	2	25	50	2.0	4	
2.	Lab Toilet	1	50	50	4.0	4	
3.	Lab Workstation	1	60	60	5.0	5	1/2 fridge, sink, workstation, cabinets
4.	Tube Station	1	5	5	-	-	
C. Clinical Support				790		65	
1.	Nurse Station - RNs + Techs	5	25	125	2.0	10	1:4 Ratio Nurse:Patient
2.	Dictation Alcove - MD	2	20	40	1.0	2	
3.	Patient Toilets	1	50	50	4	4	
4.	Tube Station	1	5	5	-	-	
5.	Nutrition Alcove	1	25	25	2	2	Satellite Alcove
6.	Medication Room	1	80	80	7.0	7	
7.	Clean Supply	1	80	80	7.0	7	
8.	Clean Linen Alcove	1	160	160	14.0	14	
9.	Soiled Utility	1	80	80	7.0	7	
10.	Housekeeping	1	40	40	3.0	3	
11.	Equipment Storage	1	80	80	7.0	7	IV poles, scale, 3-4 datascope, 2 portable pulse ox., apheresis, secured
12.	Wheelchair / Stretcher Alcove	1	25	25	2.0	2	
D. Staff Support				325		28	
1.	Staff Lounge	2	90	180	8.0	16	Seat 6 Male and Female
2.	Staff Locker Alcove (in Corridor)	1	45	45	4.0	4	Approx. 20 full lockers in staff corridor
3.	Staff Toilets - ADA	2	50	100	4.0	8	
E. Caregiver/Admin Offices				1,520		136	
1.	Workstation - Social Service	1	50	50	4	4	Workstation, printer, phone, computer, files
2.	Workstation - Case Manager	1	50	50	4	4	Workstation, computer, monitor, internet
3.	Workstation - Dietician	2	50	100	4	8	Health education, Dietition
4.	Office - Consult	1	100	100	9	9	
5.	Office - Physician	3	120	360	11	33	
6.	Office - Infusion Manager	1	120	120	11	11	
7.	Conference Room - Large	1	480	480	44.0	44	Seat 30; Room divider; seminars
8.	Conference Room - Medium	1	180	180	16.0	16	Health Education
9.	Clinic Manager's Office	1	80	80	7.0	7	

B5.2 Onc: Infusion Therapy

		ONCOLOGY					
<i>ID</i>	<i>Functional Element</i>	<i># of Spaces</i>	<i>NSF/ Space</i>	<i>TOTAL NSF</i>	<i>NSM/ Space</i>	<i>TOTAL NSM</i>	<i>Remarks</i>
F. Registration				300		25	
2.	Reception	1	60	60	5.0	5	
3.	Registration / Secretary	2	50	100	4.0	8	Judy
4.	Financial Regisrtation	1	80	80	7.0	7	
5.	Workroom / Copy / Fax / Printers	1	60	60	5.0	5	530
G. Waiting & Public Spaces				745		66	
1.	Waiting	3	140	420	13.0	39	Capacity 6 separate male and female
2.	Waiting Area - Children	1	200	200	18.0	18	Capacity 6
3.	Pantry	1	20	20	1.0	1	
5.	Toilet	2	50	100	4.0	8	
6.	Drinking Fountain	1	5	5	-	-	
SUB-TOTAL NSM				6,885		599	
<i>NSM to DGSM Multiplier</i>				<i>1.50</i>		<i>1.50</i>	
TOTAL DEPT GSM		30		10,330		900	

B5.3 Pharm: Chemo Mixing

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Dispensing		7		33	
1.	Dispensing Window	1	11	11	
2.	Waiting Alcove	1	6	6	
3.	Oral Stock supplies	1	4	4	
4.	Clinical Research Oral Stock Bulk Store	1	9	9	See Below (B. Oral Stock Work Zone)
5.	Narcotics/Controlled Substances / Chem	-	4.0	-	
6.	Mobile Carts	3	1.0	3	
B. Open Work Zone		5		16	
1.	Oral Stock Work Zone Allowance	1	5.0	5	3.75m long x (1m deep + .75m standing); hand-washing
2.	Allowance: "At Hand" Supplies	1	2.0	2	
3.	Clinical Research Oral Stock Bulk Store	1	4.0	4	
4.	Pharmacy Tech Work Stations	1	3.0	3	
5.	Injectable Storage - Refrigerated	1	2.0	2	Restricted Access
C. IV Preparation		9		72	
1.	Hood 1	1	18.0	18	HEPA Exhaust to Outside 2 Hoods Chemo
2.	Hood 2	1	18.0	18	HEPA Positive Pressure 2 Hoods Non-Chemo (To be determined in Schematics if needed)
3.	Ante area	1	18.0	18	Can be shared, Gowning Area and Sink
4.	Countertop Per Hood	2	5.0	10	
5.	Allowance: Refrigerator	2	2.0	4	
6.	Allowance: At Hand Supplies	2	2.0	4	
D. Staff Support		4		13	
1.	Pharmacists	1	7.0	7	
2.	Pharmacy Techs	2	-	-	Located Above in "B. Oral Stock Work Zone"
3.	Shared Admin. Equipment/Supply	1	6.0	6	Office Equipment + Supplies
E. Other Support		2		6	
1.	Soiled Holding	1	4.0	4	Zero (0) if shared with another department. But another department cannot share a Pharmacy-based soiled room due to restricted access
2.	Expited Medication	1	2.0	2	
F. Administration		4		21	
1.	Housekeeping	1	2.0	2	
2.	Staff Toilet	2	5.0	10	
3.	Locker, Break	1	9.0	9	
SUB-TOTAL NSM				161	
NSM to DGSM Multiplier				1.35	
TOTAL DEPT GSM		31		220	

B6.4 Rehab: IP PT Satellite

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/ Space	TOTAL NSM	
A. Therapy Areas		1		77	
1.	PT Satellite Gym Area	-	-	-	
	a. Treadmill	1	4.0	4	
	b. Standing frame	1	3.0	3	
	c. Lite gait	1	-	-	
	d. Hermibar	1	6.0	6	
	e. Parallel bars	1	8.0	8	
	f. Mat Table	1	1.0	1	
	g. Single steps	1	1.0	1	
	h. Tilt table	1	5.0	5	
	i. Gait space	1	1.0	1	
	j. Sink	1	1.0	1	
2.	Patient Toilet	2	4.0	8	ADA compliant
3.	Individual Treatment Area	1	7.0	7	Used for isolation of head trauma patients; shared with PT/OT
4.	Therapists' Office / Work Area	1	7.0	7	
5.	Equipment Storage	1	7.0	7	Space for PT/OT/SLP equipment
6.	Supplies Storage	1	7.0	7	Space for PT/OT/SLP supplies
7.	Staff Toilet	2	4.0	8	Locate adjacent or within Staff Lounge
8.	Janitor's Closet	1	3.0	3	
SUB-TOTAL NSM		1		77	
				1.45	
TOTAL DEPT GSM		1		110	

C1.1 OP Clinic Module (6 Exam Rms)		ONCOLOGY		Remarks	
Two Clinic Modules Required	# of Spaces	NSM/Space	TOTAL NSM		
ID	Functional Element				
OP Clinic Module Concept The Modular Clinic concept provides flexibility for scheduling various specialties as "time-share" sessions vs. dedicated space for each sub-specialty group. The care providers are supported by a specialty trained team of registrars, nurses, social workers, med assistants		Specialty Clinics Incl: Breast Clinic Infusion Clinics Rad. Therapy - Consults Surgery Clinics Pediatric Clinic Other? (Identify) Other? (Identify)		Multidisciplinary Clinic Approach The multidisciplinary approach means that patients benefit from the expertise and resources of an entire team of specialists working collaboratively for the best possible outcomes. This makes it easier for the interdisciplinary specialists to communicate and collaborate, resulting in a higher level of care.	
A. Primary Activity - Exam Rms		6		84	
1.	Exam/Consult Room - General	-	11.0	-	Exam table, 3 chairs, 1 stool, sphyg., otoscope/ ophthalmoscope, light fixture, clothes hook, .81 m min clearance at side and foot of table, sink, 3.05 m min. clearance, upper cab. lower cab / writing surface 1.22 m min.
2.	Exam/Consult Room - Isolation	-	13.0	-	Negative pressure room, Exam table, 3 chairs, 1 stool, sphyg., otoscope/ ophthalmoscope, light fixture, clothes hook, .81 m min clearance at side and foot of table, sink, 3.05 m min. clearance, upper cab. lower cab / writing surface 1.22 m min.
3.	Exam/Consult Rooms - Large	6	14.0	84	Exam table, 3 chairs, 1 stool, sphyg., otoscope/ ophthalmoscope, light fixture, clothes hook, 2'-8" minimum clearance at side and foot of table, sink, 10' min. clearance, upper cab. lower cab / writing surface 1.22 m min.
4.	Procedure Room	-	14.0	-	Procedure table, mini-surgical light, 3 chairs, 1 stool, sphyg., otoscope/ ophthalmoscope, light fixture, clothes hook, .81 m min clearance at side and foot of table, sink, 3.05 m min. clearance, upper cab. lower cab / writing surface 1.22 m min.

C1.1 OP Clinic Module (6 Exam Rms)		ONCOLOGY			
Two Clinic Modules Required		# of	NSM/	TOTAL	
ID	Functional Element	Spaces	Space	NSM	Remarks
B. Clinical Support					57
1.	MD Work Station	2	4.0	8	Workstation, cabs or files, upper cabs, phones, printers, nurse call, fax
2.	RN/MA Work Station	4	3.0	12	Workstation, cabs or files, upper cabs, phones, printers, nurse call, fax
3.	Med Prep Area	1	7.0	7	Tech workstation x 2, frig, upper and lower cabs, sink, writing surface, double locked med. cabinet, by entry
4.	Patient Toilet (verify w/guidelines)	1	4.0	4	1 Male, 1 Female, ADA, toilet, lav, mirror, nurse call alarm.
5.	Clean Supply	1	7.0	7	Exchange cart and / or shelves, cab., sink
6.	Equipment Storage	1	5.0	5	Exchange cart and / or shelves, cab., sink
7.	Soiled Holding	1	9.0	9	Cab, double sink, trash, haz. waste container, recycling container, soiled linen container
8.	Environmental Srvs Room	1	3.0	3	
9.	Wheelchair / Equipment Alcove	1	2.0	2	Wheelchairs, small portable equip., upper cabs.
C. Staff / Admin Functions					65
1.	Staff Lounge	1	11.0	11	Upper & Lower cabs, fridge, sink, microw., purse lockers, table 8 chairs, marker board.
2.	Staff Toilet	1	4.0	4	
3.	Admin Office	1	11.0	11	Desk, 3 chairs, PC, printer, phones
4.	MD Day Office	2	9.0	18	Desk, 3 chairs, PC, printer, phones
5.	Secretary Workstation	1	5.0	5	Desk, 3 chairs, PC, printer, phones
6.	Conference / Classroom	1	16.0	16	Sized for approx. 12 in each, 12 chairs, double stacked multiple view boxes, large central table & workstations, phone, pc outlets, marker board. Shared w/ Infusion & Eye Clinics
D. Business Office Functions					41
1.	Check-In Kiosk	1	1.0	1	
2.	Reception / Check-In	2	3.0	6	Desks with 2 side chairs across from staff position, 2 face side with privacy, computers, phones, back workstation with faxes, upper & lower cabs for paper storage, faces waiting
3.	Registration	1	3.0	3	
4.	Check-out / Co-Pay	1	3.0	3	
5.	File Workroom / Copier / Printers	1	13.0	13	Copier, patient records, workstation file clerk, exist. Fixed shelves, ~24 @ 3' files on floor
6.	Business Coord Office	1	8.0	8	Desk, 3 chairs, PC, printer, phones
7.	Scheduling	1	7.0	7	Multi-functional space/business mgr./coordinator
8.	Medical Records	-	7.0	-	Assume Elect. Med Record
E. Public Functions					-
1.	Waiting Male		23.0	-	In floor core (between two modules)
2.	Waiting Family/Female		23	-	In floor core (between two modules)
3.	Pediatric Play (seats/play space)		5	-	Assumes space for 3-5 children @ 1.4 NSM/child
4.	Public Toilets		5.0	-	Prayer areas identified in public functions
5.	Drinking Fountain Alcove		-	-	Adjacent to Family Waiting
SUB-TOTAL NSM				247	
NSM to DGSM Multiplier				1.45	
TOTAL DEPT GSM		6		360	

D1.1 OP Lab+Phlebotomy

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Phlebotomy Waiting/ Reception					11
1.	Reception / Patient Access	1	6	6	Allowance. Staffed by Health Care Access or the Lab Tech. Location / adjacent services will determine if this square footage is needed
2.	Patient/Visitor Waiting Area	5	1	5	Allowance. Depending on location, may be absorbed by other programmed waiting
B. Patient Zone					26
1.	Blood Draw Stations / Chair	3	5.0	15	Blood Draw is typically "finger stick." Some degree of privacy requested/required. 3-Sided bay
2.	Blood Draw Room / Recliner	-	9.0	-	No need. Therapeutic phlebotomy will be scheduled in Infusion Suite
3.	Specimen Collection Toilet	1	5.0	5	
4.	Tech Work Zone	2	3.0	6	Includes hand-washing
5.	Under Counter Refrigerator	-	1.0	-	Located in the tech work zone
C. Lab Workroom					24
1.	Analysis Zone #1 (Clinical)	1	9.0	9	To be further defined in schematic design. Zones may need to be separate rooms
2.	Analysis Zone #2 (Clinical Research)	1	13.0	13	Includes Research Refrigeration (-70 deg)
3.	Allowance - Electric	1	2.0	2	
D. Shared Support					16
1.	Clean Storage - Unrefrigerated	1	7.0	7	
2.	Refrigeration - Specimen Holding	1	2.0	2	For specimen delivery to Hospital labs
3.	Blood Product Refrigeration	-	4.0	-	Blood Deliveries will be transported from Hospital Main Blood Bank on a daily basis as needed for scheduled transfusions. Will be delivered to points of service
4.	Soiled Holding	1	7.0	7	
5.	Pneumatic Tube Station	-	1.0	-	At this time assume no need
SUB-TOTAL NSM				77	
NSM to DGSM Multiplier				1.35	
TOTAL DEPT GSM				100	

D1.2 Lab: Frozen Section/ Pathology

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/ Space	TOTAL NSM	Remarks
A. Lab				17	
1.	Grossing Station	2	4.0	8	
2.	Specimen Storage	2	3.0	6	
3.	Accessioning Workstation	2	1.0	2	
4.	Pneumatic Tube Station	1	1.0	1	
B. Core Lab				19	
1.	Assistant Workstation	2	3.0	6	
2.	Storage (Supplies)	1	13.0	13	
C. Staff Support				27	
1.	Break Room	1	9.0	9	
2.	Staff Toilet	2	6.0	12	
3.	Clean Lab Coat Storage	1	1.0	1	
4.	Soiled Lab Coat Storage	1	5.0	5	
D. Administrative Support				26	
1.	Pathology Office	1	11.0	11	
2.	Senior Technologist Workstations	1	4.0	4	
3.	Coordinator Office	1	7.0	7	
4.	Coordinator Assistant Workstation	1	4.0	4	
SUB-TOTAL NSM				89	
NSM to DGSM Multiplier				1.35	
TOTAL DEPT GSM				120	

D2.1 OP Pharmacy

		ONCOLOGY			
<i>ID</i>	<i>Functional Element</i>	<i># of Spaces</i>	<i>NSM/Space</i>	<i>TOTAL NSM</i>	<i>Remarks</i>
A. Outpatient/ Retail/ Employee Pharmacy				115	
1.	Patient Waiting / Retail Shelf Stock	1	11.0	11	
2.	Order Counter	1	6.0	6	
3.	Consult Counter - Pharmacist	1	6.0	6	1 Workstation, shared computers
4.	Pick-up Counter	1	6.0	6	2 Workstations, 1-2 cash registers, shelves, sink
5.	Pharmacy Stock	1	74.0	74	
6.	Staff Toilet	1	4.0	4	
7.	Manager Office	1	7.0	7	
8.	Tube Station	1	1.0	1	By order counter
SUB-TOTAL NSM				115	
<i>NSM to DGSM Multiplier</i>				1.35	
TOTAL DEPT GSM				160	

D2.2 Satellite IP Pharmacy

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Main Pharmacy				46	
1.	Waiting	1	1.0	1	
2.	Consulting Office	1	5.0	5	
3.	Pharmacy Multipurpose Workstations /	1	5.0	5	
4.	Talyst Automated Carousel	-	16.0	-	
5.	Talyst Autopacker	-	1.0	-	
6.	High Density Supply Storage/Receiving	1	3.0	3	
7.	Clinic Supply Storage	1	3.0	3	
8.	Supply Breakdown Area	1	11.0	11	
9.	Flammable/Explosive Storage	1	1.0	1	
10.	Compounding Workstation	1	5.0	5	By OP Specials Stock Area - 6' workstation, by robot, label printer, sink, cabinets, s.s.counter, hand spray hose in sink
11.	Refrigerators	1	1.0	1	
12.	Freezer	1	1.0	1	
13.	Alcohol Storage	1	2.0	2	
14.	Fireproof Storage Box	1	-	-	
15.	Pneumatic Tube	1	1.0	1	
16.	Narcotics Room	1	3.0	3	
17.	Pharmacy Robot	-	28.0	-	Verify critical dimensions
18.	Pharmacy Robot Assembly / Sorting	-	29.0	-	
19.	Pharm. Robot Cart Storage	-	5.0	-	
20.	Expired Medicine	1	4.0	4	

D2.2 Satellite IP Pharmacy

		ONCOLOGY			
<i>ID</i>	<i>Functional Element</i>	<i># of Spaces</i>	<i>NSM/ Space</i>	<i>TOTAL NSM</i>	<i>Remarks</i>
B. IV Admixture				44	
1.	IV Room Vestibule	1	11.0	11	IV printer, TPN printer, computers/ opposite wall shelves 6 @ 1m wide par stock, tube station, refrigerator, glove/gown supplies.
2.	IV Room - Clean Room	1	18.0	18	
3.	Workroom, IV Admixture	1	9.0	9	
4.	Rear Workstation	1	5.0	5	Inventory stock deliveries
5.	IV Bulk Storage	-	23.0	-	
6.	Workstation, Tech Prep Area	-	6.0	-	2 Workstations, 1-2 cash registers, shelves, sink
7.	Cart Staging	1	1.0	1	By order counter
C. Administration and Staff Support				31	
1.	Staff Lounge	1	9.0	9	Seat 8, divider to Conference
2.	Staff Pantry Alcove in Lounge	1	2.0	2	Counters, cabinets, fridge, microwave, sink
3.	Staff Toilet	1	4.0	4	
4.	Staff Lockers	1	9.0	9	30 Purse lockers, coat rack
5.	Multipurpose / Conference	-	22.0	-	Seat 16 chairs, table, bookcase long wall, marker board
6.	Pharmacist Office	1	7.0	7	
SUB-TOTAL NSM				121	
<i>NSM to DGSM Multiplier</i>				1.35	
TOTAL DEPT GSM				160	

E1. Accounting		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Primary Activity Areas					46
1.	Budget Analysts	2	9.0	18	Private Office, Modular furniture, peninsula desk which doubles as a conference area. Upper and lower storage. Seating for two guests.
2.	Revenue System Analyst	2	9.0	18	Cubicle - work space with guest seating area for one to one conferencing, upper and lower storage, worksurface to provide space to spread-out documents.
3.	Case Mix Analyst	1	5.0	5	Same as # 2
4.	Nursing Operations Analyst	1	5.0	5	Same as # 2
B. Staff & Support					-
1.			-	-	
2.			-	-	
3.			-	-	
4.			-	-	
C. Public Areas & Front Office					-
1.			-	-	
2.			-	-	
SUB-TOTAL NSM				46	
NSM to DGSM Multiplier				1.35	
TOTAL DEPT GSM				60	

E2. Clinical / Nursing Administration		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Nursing Functions				96	
1.	Chief of Nursing	1	23.0	23	
2.	Manager Office	1	13.0	13	
3.	Utilization Review Coordinators	2	7.0	14	
4.	Programmers	-	5.0	-	
5.	Charge Nurses	5	5.0	25	
6.	Regulatory	-	5.0	-	
7.	Clerical Support	2	5.0	10	
8.	Conference Room	-	11.0	-	
9.	Work Area / Files	1	11.0	11	
B. Quality / Risk / Safety Management				51	
1.	Manager	1	7.0	7	
2.	Compliance Coordinator	1	7.0	7	
3.	Patient Relations Rep.	1	9.0	9	
4.	Deposition / Conference Room	1	16.0	16	Consultants once a year
5.	Files / Support	1	7.0	7	
6.	Clerical Support	1	5.0	5	
C. Social Service				55	
1.	Unit Based QA	-	7.0	-	
2.	Social Worker	3	7.0	21	Verify need per Specialty
3.	Case Manager	3	7.0	21	
4.	Support	1	13.0	13	
5.	Conference	-	13.0	-	
6.	Dietician / Diet Tech	-	6.0	-	
SUB-TOTAL NSM				202	
NSM to DGSM Multiplier				1.35	
TOTAL DEPT GSM				270	

E3 Executive Administration

		ONCOLOGY			
<i>ID</i>	<i>Functional Element</i>	<i># of Spaces</i>	<i>NSM/Space</i>	<i>TOTAL NSM</i>	<i>Remarks</i>
A. Executive Offices				221	
1.	CEO Office	-	20.0	-	Includes toilet
2.	Medical Director Office	1	13.0	13	Includes toilet
3.	Medical Consultant	15	13.0	195	
4.	Operator Office	1	13.0	13	
B. Staff & Support				49	
1.	Roving Office	2	7.0	14	
2.	Administrative Assistant	2	5.0	10	
3.	Administrative Assistant	-	5.0	-	
4.	Kitchen	1	2.0	2	
5.	Copy / FAX / Printers	1	7.0	7	
6.	Storage	1	7.0	7	
7.	Files	1	9.0	9	
C. Public Areas & Front Office				99	
1.	Reception	1	7.0	7	
2.	Waiting	8	1.0	8	
3.	Small Conference Room	1	16.0	16	
4.	Board Room	30	2.0	60	
5.	Staff Toilets	2	4.0	8	
SUB-TOTAL NSM				369	
<i>NSM to DGSM Multiplier</i>				1.35	
TOTAL DEPT GSM				500	

E6 Medical Records / HIS

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/ Space	TOTAL NSM	
A. Primary Activity Areas				133	
1.	MD Chart Completion / Dictation	1	9.0	9	
2.	Transcription Processing	1	5.0	5	
3.	Scanning / Printing	-	20.0	-	
4.	Chart Assembly & Analysis	1	5.0	5	
5.	Incomplete Record Processing	1	9.0	9	
6.	Release of Information	1	7.0	7	
7.	Copy	1	7.0	7	
8.	Correction / Waiting	-	13.0	-	
9.	Chart Review / Conference	1	22.0	22	
10.	Cancer Registry	1	5.0	5	
11.	Coding	2	3.0	6	
12.	Coding Supervisor	1	7.0	7	
13.	Archive / Central Files	1	41.0	41	
14.	ADT	2	5.0	10	
B. Staff & Support				38	
1.	Director	1	11.0	11	
2.	Technical Supervisor	1	7.0	7	
3.	Clerical Supervisor	1	7.0	7	
4.	System Analysts	1	7.0	7	
5.	Secretary	1	6.0	6	
6.	Lounge	-	18.0	-	
C. Public Areas & Front Office				-	
1.			-	-	
2.			-	-	
SUB-TOTAL NSM				171	
NSM to DGSM Multiplier				1.35	
TOTAL DEPT GSM				230	

E7 IT-Information Systems		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Medical Informatics				64	
1.	Directors	1	9.0	9	
2.	Program Analysts	2	5.0	10	
3.	Research Associate	1	5.0	5	
4.	Research Graduate Student	-	3.0	-	
5.	Secretary	1	3.0	3	
6.	Office / Grant Manager	1	7.0	7	
7.	Staff	1	7.0	7	
8.	Support / Files	1	7.0	7	
9.	Conference Room	1	16.0	16	
B. Information Systems				100	
1.	LAN - Servers	1	41.0	41	
2.	Support Equipment (printer, etc.)	1	5.0	5	
3.	Computer Operators	1	5.0	5	
4.	Clinical Applications	1	5.0	5	
5.	Desk Top Applications	1	5.0	5	
6.	Operations Support	1	5	5	
7.	Roving Support	1	5.0	5	
8.	Hardware Support Technicians	1	5.0	5	
9.	Hardware Staging	1	11.0	11	
10.	Hardware Storage	1	13.0	13	
C. Telecom				53	
1.	Switch & Distribution Network	1	53.0	53	
2.			-	-	
SUB-TOTAL NSM				217	
NSM to DGSM Multiplier				1.35	
TOTAL DEPT GSM				290	

E8 Medical Staff

		ONCOLOGY			
<i>ID</i>	<i>Functional Element</i>	<i># of Spaces</i>	<i>NSM/ Space</i>	<i>TOTAL NSM</i>	<i>Remarks</i>
A. Medical Staff Office				34	
1.	Physician Director	1	9.0	9	Consultant Private Office
2.	Coordinator	1	7.0	7	Consultant Private Office
3.	Credential Specialists	1	5.0	5	Cubicles
4.	Files / Records	1	13.0	13	Secured confidential files
5.	Conference Room	-	22.0	-	Room for 10-12 individuals
B. Staff & Support (Physician Lounge)				89	
1.	Male MD Lounge	15	1.0	15	Lounge and conversation area
2.	Male MD Dictation	3	2.0	6	Private area out of main circulation area
3.	Female MD Lounge	8	1.0	8	Lounge and conversation area
4.	Female MD Dictation	1	2.0	2	Private area out of main circulation area
5.	Male MD Dining	10	2.0	20	
6.	Female MD Dining	5	2.0	10	
7.	Computer Work Station	6	2.0	12	System and internet access
8.	Food Service	1	16.0	16	Refrigeration for refreshments; counter for snacks; storage for supplies
C. Support Areas & Front Office				108	
1.	Male Prayer Room	1	18.0	18	
2.	Male MD toilet	1	13.0	13	
3.	Male Ablution	1	4.0	4	
4.	Female MD Prayer Room	1	13.0	13	
5.	Female MD toilet	4	13.0	52	
6.	Female Ablution	2	4.0	8	
SUB-TOTAL NSM				231	
<i>NSM to DGSM Multiplier</i>				1.35	
TOTAL DEPT GSM				310	

E9 Human Resources		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Primary Activity Areas				33	
1.	Waiting	2	7.0	14	Male and female
2.	Reception	1	5.0	5	2 areas - Transaction worksurfaces, supports all HR Staff, workspace compact, well equipped and comfortable. Low lockable storage for personal items and files, supports HR functions like Photo ID system.
3.	Employee Health Nurse	1	5.0	5	Private offices - modular furniture, large amount of lockable storage, guest space for one-on-one conferencing
4.	Exam Room	1	9.0	9	Typical Exam Room with Lockable Drug Storage, Extra counter area for specimen procurement. room design to facilitate privacy
B. Staff & Support				36	
1.	HR Consultant	1	9.0	9	
2.	Benefits Coordinator	1	9.0	9	
3.	Work Room	1	7.0	7	
4.	Central Files	1	11.0	11	
SUB-TOTAL NSM				69	
NSM to DGSM Multiplier				1.35	
TOTAL DEPT GSM				90	

E10 Patient Relations

		ONCOLOGY			
<i>ID</i>	<i>Functional Element</i>	<i># of Spaces</i>	<i>NSM/Space</i>	<i>TOTAL NSM</i>	<i>Remarks</i>
A. Primary Activity Areas				27	
1.	Director	1	13.0	13	
2.	Administrative Assistant	1	7.0	7	
3.	Senior Writer / Editor	1	7.0	7	
B. Staff & Support				16	
1.	Workroom / Files	1	16.0	16	
C. Public Areas & Front Office				-	
1.			-	-	
2.			-	-	
3.			-	-	
4.			-	-	
SUB-TOTAL NSM				43	
<i>NSM to DGSM Multiplier</i>				1.35	
TOTAL DEPT GSM				60	

E11 Guest Services/ Volunteers

		ONCOLOGY			
<i>ID</i>	<i>Functional Element</i>	<i># of Spaces</i>	<i>NSM/ Space</i>	<i>TOTAL NSM</i>	<i>Remarks</i>
A. Guest services				29	
1.	Director	1	9.0	9	
2.	Housing Coordinator	1	7.0	7	
3.	Clerical Support	1	4.0	4	
4.	Work Area	1	9.0	9	
B. Volunteers				56	
1.	Director / Coordinator	1	7.0	7	
2.	Lounge / Conference	1	22.0	22	
3.	Lockers	1	13.0	13	
4.	Project Work Area	1	14.0	14	
C. Public Areas & Front Office				-	
1.			-	-	
SUB-TOTAL NSM				85	
<i>NSM to DGSM Multiplier</i>				<i>1.35</i>	
TOTAL DEPT GSM				110	

F1. Conference and Education		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/ Space	TOTAL NSM	Remarks
A. Resident's Lounge / On Call		6		242	
1.	Resident On Call Bedroom	6	9.0	54	PC / laptop outlet, phone, bed, side table, chair, mirror, lamp, desire windows, sound dampers on doors, carpeting in hall, white noise
2.	Male Locker	20	1.0	20	20 Full lockers
3.	Female Locker	20	1.0	20	20 Full lockers
4.	Toilet / Shower - Private	8	7.0	56	
5.	Lounge - Seating / TV	2	32.0	64	Male and Female Seat 10 people, couch, lounge chairs, TV, bulletin board, phones, side tables, lamps
6.	Pantry	2	13.0	26	Full fridge, sink, cabs, microwave, coffee
7.	Mail Slots	1	2.0	2	Male and Female 30 residents
B. Continuing Education				27	
1.	Director's Office	1	9.0	9	PC / laptop outlet, phone, bed, side table, chair, mirror, lamp, desire windows, sound dampers on doors, carpeting in hall, white noise
2.	Admin. Asst. Workstation	2	9.0	18	PC / laptop outlet, phone, bed, side table, chair, mirror, lamp, desire windows, sound dampers on doors, carpeting in hall, white noise
C. Simulation				-	
1.	Lab	-	37.0	-	
2.	Storage / Control	-	9.0	-	PC / laptop outlet, phone, bed, side table, chair, mirror, lamp, desire windows, sound dampers on doors, carpeting in hall, white noise
D Public Functions		82		167	
1.	Auditorium & Stage	50	1	50	Proposed: flat floor, divider, high tech equipment, production studio capable, Includes library
2.	Auditorium - Chair/Table Sto.	1	13.0	13	Tables, chairs, Cont. Ed. equipment, AV support
3.	Classroom A / Storage	20	1.0	20	
4.	Computer Classroom	12	1.0	12	
5.	Men's Toilet Room	1	27.0	27	
6.	Women's Toilet Room	1	27.0	27	
7.	Drinking Fountain Alcove	2	1.0	2	
8.	Phone Alcoves	2	1.0	2	
9.	Pantry - Classrooms	1	14.0	14	Mini-food staging area: industrial fridge, micro, sinks, counters, cabinets, locked pantry, etc.
SUB-TOTAL NSM				436	
NSM to DGSM Multiplier				1.35	
TOTAL DEPT GSM		88		590	

G1.1 Public Lobby / Entry

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Primary Activity Functions				409	
1.	Receptionist	-	-	-	Depending on functional program
2.	Greeter	-	3	-	May be roving and available within the waiting and lobby areas
3.	Security	1	4	4	Security podium w/video surveillance monitors
4.	Information Desk	1	9	9	
5.	Waiting, Public		-	-	
	a. seating, Male	20	1	20	
	a. seating, Female	10	1	10	
	b. waiting, child play area	1	11	11	Minimal playscape; secure area with supervision
6.	Vestibule, Entry	2	18	36	
7.	Open Lobby Space	1	232	232	Artistic elements or water feature
8.	Gift Shop	1	55	55	
10.	Gift Shop Storage	1	11	11	
11.	Drop-off Valet	1	3	3	Key box; extra secure doorway
12.	Wheelchair Holding	2	9	18	Area outside of entrance no included in SM
B. Support Functions				215	
1.	Café	-	-	-	Refer to H4
2.	Alcove, Drinking Fountain	1	-	-	
3.	Toilet, Public, Male	1	46	46	Include baby changing table, foot washing, eastern Lav.
4.	Toilet, Public, Female	1	46	46	Include baby changing table, foot washing, eastern Lav.
5.	Toilet, Public, Family	2	12	24	Include baby changing table, foot washing, eastern Lav.
6.	Alcove, Wheelchair	8	12	96	
7.	Alcove, ATM	3	1	3	can be located throughout the building
C. Staff Support				76	
1.	Staff Lobby/Entrance	1	27	27	Provide card access; large information monitors
2.	Physician's Entrance	1	27	27	Provide card access; large information monitors
D. Admin Support				11	
1.	Workroom, Patient Transport	1	11	11	Ready room for transport or escorts
SUB-TOTAL NSM				700	
NSM to DGSM Multiplier				1.45	
TOTAL DEPT GSM				1,020	

G2 Admitting		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Primary Activity Functions				9	
1.	Reception	1	2	2	
2.	Administrative Support desk	1	7	7	Workstation for greeter/receptionist; also serves as administrative support
B. Support Functions				62	
1.	ADT Bullpen	2	5	10	Arranged in close proximity to one another; in view of the bed board; for admitting nurses; lockable storage at each desk
2.	Transfer Coordinators	1	5	5	Near ADT bullpen; but need more acoustical privacy and quieter workspace
3.	Shared Fax, Copier, File, Supply	1	9	9	Locate in Bullpen area
4.	"Off-stage" Work Area for Bed Control	1	13	13	Includes bed board, workstations for admission and transfer coordinators, clinical admitting nurse
5.	Patient Flow Coordinators	1	12	12	Can be in separate area of suite, but need to be in main hospital; dedicated workstations; mostly phone work.
6.	Director of Admitting	1	12	12	Private office with meeting chairs
7.	IT Support	1	11	11	Workstation, plus 3 computers and monitors
C. Staff Support				34	
1.	Lounge	1	11	11	Refrigerator, microwave, seating for 4; staff mailboxes; supply storage; file storage; copv/fax/printer
2.	Conference Room	1	13	13	Seating for 6 people
3.	Staff Toilet	2	5	10	
SUB-TOTAL NSM				110	
NSM to DGSM Multiplier				1.30	
TOTAL DEPT GSM		-		140	

G3 Resource Center		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Primary Activity Functions				99	
1.	Greeter/Reception Area	1	9	9	Greeter and resource
2.	Computer Workstations	4	2	8	Access to internet for public use
3.	Reading/Lounge Areas	7	2	14	Quiet area for use in study and research
4.	Media Storage Areas/Library	-	7	-	
5.	Storage/Production Room	-	9	-	
6.	Small Private Counseling Room	1	9	9	Quiet discussion with MD or allied health personnel
7.	Medium Private Counseling Room	1	13	13	Collaborative meeting with multiple caregivers and family members
8.	Conference Room	1	46	46	Private conference room for use by public; controlled schedules
B. Support Functions				23	
1.	Coat/Lockers Room (purse)		-	-	
a.	Lockers	1	13	13	Public use of lockers
b.	Coats	1	5	5	
2.	Kitchenette/Hospitality area	1	5	5	
C. Admin Support				41	
1.	Staff Workroom (workstations)	2	4	8	Support staff
2.	Office, Director	1	13	13	
3.	Office, Shared	1	13	13	
4.	Copy/Fax/Print Area	1	7	7	
D. Staff Support				-	
1.			-	-	
2.			-	-	
3.			-	-	
SUB-TOTAL NSM				163	
NSM to DGSM Multiplier				1.30	
TOTAL DEPT GSM		-		210	

G4 Prayer Rooms

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Primary Prayer Area				243	
	1. Vestibule	2	9	18	
	2. Ablution Area	2	23	46	
	3. Prayer Area, Male	1	120	120	
	4. Prayer Area, Female	1	41	41	
	5. Meditation/Consult Room	1	18	18	
B. Satellite Prayer Area			72	642	
	1. Prayer Room, Small	4	13	52	Every level shared by all public or staff departments
	2. Prayer Room, Large	10	37	370	Every level shared by all public or staff departments
	4. Lobby	10	9	90	Every level shared by all public or staff departments
	5. Ablution Area	10	13.0	130	Every level shared by all public or staff departments
C. Support				-	
	1. Waiting	-	9	-	In 500 Bed Template Hospital
	2. Body Preparation Room	-	5	-	In 500 Bed Template Hospital
	3. Toilet/Public	-	5	-	
	4. Storage/Closet	-	2	-	
D. Administration				34	
	1. Office Manager	1	18	18	
	2. Work Area	4	4	16	
SUB-TOTAL NSM				919	
NSM to DGSM Multiplier				1.30	
TOTAL DEPT GSM		-		1,190	

H1 Central Processing

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Decontamination Functions				53	
1.	Soiled Entry / Decontamination		-	-	0.165625
a.	Entrance / Exit	1	1.0	1	
b.	Soiled Cart (Queue & Hold)	4	1.0	4	
c.	Housekeeping Closet	1	3.0	3	
d.	Equipment Wash / Cleanup Room	-	9.0	-	Small disinfectant equipment
e.	Trash Cart	1	1.0	1	
f.	Soiled Linen Cart	1	1.0	1	Locate outside of Decontam
g.	Clinical Flushing Sink (hopper)	1	1.0	1	
h.	Solution Storage Room	1	2.0	2	Incl's drums (in gallons) of solutions/chemicals & supplies
i.	Emergency Wash Station	1	1.0	1	
2.	Staff Support		-	-	
a.	Lockers/Gowning Alcove-Male	1	5.0	5	Curr for combined male & female
b.	Toilets/Showers -Male	1	7.0	7	Curr incl's 1 toilet, 1 shwr, 1 lav
c.	Lockers / Gowning Alcove-Female	-	5.0	-	
d.	Toilets/Showers-Female	-	7.0	-	Curr incl's 1 toilet, 1 shwr, 1 lav
e.	Degowning Alcove	1	4.0	4	
f.	Workstation Alcove	1	1.0	1	PC workstations
3.	Equipment		-	-	
a.	Steam Gun	-	1.0	-	
b.	Pass-Through Window	1	1.0	1	
c.	Holding Cart	1	1.0	1	Locate by Pass-Thru Window
d.	Clean Up Counter (sinks)	1	2.0	2	Incl's 3 sinks
e.	Storage Cart (Mobile)	1	1.0	1	
f.	Sonic Energy Cabinet	1	1.0	1	
g.	Sorting Table	1	1.0	1	
h.	Auto WOD Cabinet-type	2	2.0	4	
i.	Racking Table	1	1.0	1	
j.	Rack Transfer Carts	1	1.0	1	
k.	2-Cart Cart Washer	1	9.0	9	Cart Washer is dependent on volume
l.	Equipment Storage	-	7.0	-	

H1 Central Processing

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/ Space	TOTAL NSM	Remarks
B. Prep/Pack, Clean/Sterile Processing				154	
1.	Entry / Processing	-	-	-	0.48125
a.	Entrance / Exit	1	2.0	2	
b.	Pass-Through Window	2	-	-	
c.	Holding Cart	1	1.0	1	Locate by Pass Thru Window
d.	Auto WOD Cabinet-type	2	2.0	4	
e.	Racking Table	2	1.0	2	
f.	Rack Transfer Carts	4	-	-	
g.	Packaging Materials Hold Cart	3	1.0	3	
h.	Modular Pack/ Storage Tables	2	3.0	6	
i.	Instrument Storage Center	1	9.0	9	
j.	Prep/Pack Supply	4	-	-	
k.	Housekeeping Closet	1	3.0	3	
2.	Steam Sterilization Area	-	-	-	
a.	Terminal Steam Sterilizer	3	8.0	24	Pass thru
b.	Steriliz. Loading Cart	3	1.0	3	
3.	Chemical Sterilization Room	-	-	-	
a.	Entrance / Exit	1	2.0	2	
b.	Sterrad Sterilizer	1	1.0	1	
c.	Transfer Cart (.6m x 1.2m)	2	1.0	2	
d.	Emergency Wash Station	1	1.0	1	
4.	Staff Support	-	-	-	
a.	Staff Vestibule, Female	1	4.0	4	
b.	Staff Lockers, Female	1	13.0	13	
c.	Staff Toilets, Female	1	9.0	9	Curr incl's 1 lav
d.	Staff Showers, Female	1	4.0	4	
e.	Staff Vestibule, Male	1	4.0	4	
f.	Staff Lockers, Male	1	13.0	13	
g.	Staff Toilets, Male	1	9.0	9	Curr incl's 1 lav
h.	Staff Showers, Male	1	4.0	4	
i.	Staff Lounge	2	13.0	26	Male and Female Lounge
j.	Supervisor Workstation	1	5.0	5	

H1 Central Processing		ONCOLOGY			Remarks
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	
C. Clinical Support				90	
1.	Cart Entry / Hold	-	-	-	0.28125
	a. Entrance/Exit	1	2.0	2	
	b. Alcove Entrance Stores Supply	1	1.0	1	
	c. Cart (Queue & Hold)	6	1.0	6	
	d. Auto Cartwash (2 cart)	1	27.0	27	
	e. Water Processing	1	7.0	7	
2.	Patient Equipment Hold & Issue	-	-	-	
	a. Entrance/Exit	-	2.0	-	Equipment Processing elsewhere
	b. Equipment Check & Assemble	-	4.0	-	
	c. Equipment Stores	-	9.0	-	
	d. Dispatch Window	-	1.0	-	
3.	Sterile Stores & Case Cart Hold	-	-	-	
	a. Case Cart Staging	8	1.0	8	
	b. Sterile Supply Holding Carts	6	1.0	6	
	c. Work Counter	1	5.0	5	
	d. Special Carts	1	-	-	
	e. Dispatch	1	5.0	5	
	f. Supervisor Workstation	1	5.0	5	
4.	Receiving	-	-	-	
	a. Receiving / De-Palletizing	-	35.0	-	Bailer, pallet breakdown, receiving, held at main hospital
	b. Supervisor Workstation	-	5.0	-	
5.	Disposable Stores	-	-	-	
	a. Storage	1	18.0	18	

H1 Central Processing		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
D. Staff Support				23	
1.	Office, CP Director/Files	1	9	9	0.071875
2.	Office, Inventory Manager	1	7	7	
3.	Office, Equipment Supervisor	-	7	-	
4.	Office, Staff Development Supervisor	1	7	7	
5.	Office, Billing Supervisor	-	7	-	
6.	Office, Supervisor	-	-	-	
7.	Workroom, Engineer	-	7	-	Parts, manuals, benchspace, office, equip storage
8.	Workstation, Administrative Secretary	-	5	-	
9.	Equip Staging/Repairs	-	5	-	In clinical engineering
10.	Supply Exchange/Return	-	5	-	
11.	Staff Work Area-Coordntr's, Tech's, Sup	-	14	-	
12.	Multipurpose Room	-	22	-	
SUB-TOTAL NSM				320	
NSM to DGSM Multiplier				1.25	
TOTAL DEPT GSM				400	

H3 Environmental Services

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/ Space	TOTAL NSM	Remarks
A. Staff & Support Functions				59	
1.	Director Office	-	8	-	
2.	Coordinator/Secretary Office	-	7	-	
3.	Supervisor Office	3	5	15	
4.	Trainer Office	-	7	-	At main hospital
5.	Workroom / Conference Room	-	24	-	At main hospital
6.	Pantry Alcove	-	1	-	
7.	Office Supplies Closet	-	1	-	At main hospital
8.	Clean Linen Carts	4	1	4	Staging/ Marshalling
9.	Soiled Linen Carts	4	1	4	Staging/ Marshalling
10.	Backup Linen	-	-	-	At main hospital
11.	Washer and Dryer	-	-	-	At main hospital
12.	Equipment Storage	1	18	18	
13.	Secure Supply Storage	1	18	18	Paper Stock, Chemicals, Shelving, Uniforms in Locked Cabinets
SUB-TOTAL NSM				59	
NSM to DGSM Multiplier				1.20	
TOTAL DEPT GSM				70	

H4.1 Food Services

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/ Space	TOTAL NSM	Remarks
A. Distribution				115	
1.	Loading Dock	2	-	-	
2.	Receiving	1	27	27	
3.	Delivery Staging - Dry	1	13	13	
4.	Delivery Staging - Refrigerated	1	13	13	Walk-in refrigerator near Receiving for foods ready to be shipped; consolidated with 10.4
5.	Cart Storage	1	18	18	General cart storage; caged alcove off of Receiving area
6.	Receiving/Distribution Office	1	7	7	
7.	Trash / Recycling / Can Wash	1	37	37	Access to dumpster, sort bins for recycling, compactor/baler, pressure washer
B. Support				163	
1.	Women's Toilet	1	27	27	2 toilets
2.	Men's Toilet	1	23	23	1 toilet, 1 urinal
3.	Lounge	2	13	26	Tables and chairs for 10, refrigerator, sink, microwave; possibly share with another area?
4.	Laundry / Uniform Storage	-	13	-	If not mini-Laundry, use for linen deposit and pickup
5.	Vending Work Area		-	-	
6.	Females Locker Area	1	13	13	100 half lockers and 2 benches
7.	Male Locker Area	1	13	13	100 half lockers and 2 benches
8.	Dietition Workroom	4	5	20	
9.	Nutrition Consult	1	11	11	
10.	Head Dietition	1	11	11	
11.	Reception / Secretary	1	5	5	
12.	Copy / Print	1	5	5	
13.	Files / Brochures	1	9	9	
C. Sanitation				139	
1.	Housekeeping Closets	1	7	7	
2.	Pot / Pan Wash	-	23	-	Same room as dishwash; Power soak system
3.	Soiled / Clean Pan Storage		-	-	Soiled holding, drying racks
4.	Soiled Dish / Cart Holding	1	18	18	Within dishroom for dish/tray carts before washing
5.	Dishwashing	1	74	74	Flight type or circular system, scrapping tables, silver sort
6.	Cart Wash	1	13	13	Pressure washer; part of dishroom with low walls & drain grate
7.	Clean Dish / Cart Holding	1	27	27	Separate dry room; consolidated with 10.6
8.	Pulper Room		-	-	Separate room for pulper to isolate noise

H4.1 Food Services

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
D. Fresh Express				211	
1.	Storage	1	27	27	Assumes operation is detached from main kitchen
2.	Prep / Support	1	27	27	Assumes operation is detached from main kitchen
3.	Hot / Cold Exhibition Station	1	18	18	
4.	Soup / Salad Bar	1	18	18	
5.	Beverages	1	13	13	
6.	Refrigerated Grab n' Go	2	5	10	
7.	Retail Displays	1	46	46	
8.	Cashiering	2	6	12	
9.	Café Seating	40	1	40	Space in public areas / atrium program
10.	Housekeeping Closet		-	-	
E. Retail Kiosk				58	
1.	Storage / Support	1	11	11	
2.	Kiosk Unit	1	27	27	Space in public areas / atrium program
3.	Café Seating	20	1	20	Space in public areas / atrium program
SUB-TOTAL NSM				686	
NSM to DGSM Multiplier				1.25	
TOTAL DEPT GSM				860	

H4.2 Dining/Serving

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/Space	TOTAL NSM	
A. MD Dining					
				56	
1.	Female Doctors/Staff Dining	20	1	20	
2.	Male Doctors/Staff Dining	20	1	20	
3.	Private Dining Rooms	-	1	-	
4.	Large Meeting Room	-	1	-	Not Required
5.	Catering Pantry	1	16	16	Reduced; may already be in Education program
B. Servery					
				-	
1.	Storage / Support	-	33	-	
2.	Prep / Restock	-	18	-	2 workstations, computes
3.	Grill /Pizza Station	-	27	-	1 Workstation, shared computers
4.	Deli Station	-	18	-	2 Workstations, 1-2 cash registers, shelves, sink
5.	Eurokitchen / Chef's Table	-	27	-	
6.	World's Fare Station	-	27	-	
7.	Soup / Salad Bar	-	23	-	
8.	Bakery / Dessert	-	18	-	
9.	Grab n' Go Displays	-	9	-	
10.	Beverages	-	13	-	
11.	Internal Circulation	-	74	-	
12.	Cashiering	-	7	-	
13.	Housekeeping Closet	-	5	-	By order counter
C. Main Dining					
				101	Decentralized Clinical Pharmacy Locations
1.	Seating Area	40	1	40	
2.	Condiments	6	1	6	
3.	Water / Microwave Stations	1	37	37	
4.	Trash / Recycle / Tray Drop	1	18	18	
SUB-TOTAL NSM					
				157	
NSM to DGSM Multiplier					
				1.30	
TOTAL DEPT GSM					
				200	

H4.3 Retail

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Primary Activities				166	
1.	Storage	1	27	27	
2.	Prep / Support	1	27	27	
3.	Hot / Cold Exhibition Station	1	18	18	
4.	Soup / Salad Bar	1	18	18	
5.	Beverages	1	13	13	
6.	Refrigerated Grab n' Go	2	5	10	
7.	Retail Displays	-	46	-	
8.	Cashiering	2	6	12	
9.	Café Seating	40	1	40	
10.	Housekeeping Closet	1	1	1	
B. Retail Kiosk				58	
1.	Storage / Support	1	11.0	11	
2.	Kiosk Unit	1	27.0	27	
3.	Café Seating	20	1.0	20	
SUB-TOTAL NSM				224	
NSM to DGSM Multiplier				1.30	
TOTAL DEPT GSM				290	

H5 Maintenance		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Primary Functions				64	
1.	Carpenter Shop	-	39	-	
2.	Cabinet Shop	-	-	-	
3.	Electronics Shop	-	59	-	
4.	Mechanical Shop	-	44	-	At main hospital
5.	Paint Shop	-	41	-	At main hospital
6.	Key Shop	-	14	-	
7.	Filters/ equip/ storage	1	32	32	More efficient, less circulation (other depts)
8.	Building Maintenance Workroom	1	32	32	More efficient layout
B. Staff & Support Functions				87	
1.	Director Office	-	9.0	-	At main hospital
2.	Supervisor Office	3	4.0	12	Specialty hospital supervisors
3.	Purchasing Workstation	-	5.0	-	Modular workstation
4.	Secretary Workstation	1	4.0	4	
5.	Male Lockers	20	1.0	20	
6.	Staff Toilet / Shower	1	4.0	4	Existing: 1 Toilet Stall, 2 Urinals, 4 Sinks, 1 Shower
7.	Male Toilet/Shower	1	7.0	7	Toilet, Urinal, 3 Sinks, Shower
8.	Female Toilet/Shower	1	7.0	7	Toilet, Sink, Shower
9.	Female Lockers	10	1.0	10	
10.	Phone Alcove	-	-	-	
11.	Vending Alcove	1	3.0	3	
12.	Staff Lounge	1	14.0	14	
13.	Storage	1	6.0	6	
14.	Media Storage	-	-	-	In BGSF factor, separate
C. Grounds				41	
1.	Garage / Storage	1	41.0	41	At main hospital
D. Bed Storage / Repair				12	
1.	Bed Storage / Repair	4	3.0	12	Adjacent to Clinical Engineering
SUB-TOTAL NSM				204	
NSM to DGSM Multiplier				1.25	
TOTAL DEPT GSM				260	

H6 Materials Management

ID	Functional Element	ONCOLOGY			Remarks
		# of Spaces	NSM/ Space	TOTAL NSM	
A. Purch.Off./ Mat.Mgt.I.S. Off./				75	
1.	Facility Operations Manager	-	9	-	
2.	Operations Mgr.	-	-	-	
3.	Ops.Superv.-Receiv. & Distrib.	1	3	3	
4.	Buyer Storeroom	-	3	-	
5.	Storeroom Supervisor	1	3	3	
6.	Receiving Clerks	1	3	3	
7.	Inventory Specialists	1	3	3	
8.	Distribution Clerks	1	3	3	
9.	Toilet Female	1	4	4	
10.	Toilet Male	1	4	4	
11.	Vending / Pantry	2	3	6	Candy, coke, sink, microwave, cabs
12.	Lounge / Multipurpose	1	23	23	
13.	Conference Room	1	23	23	Seat 15-20 people
B. Warehouse/ Receiving Area/ Dock				63	
1.	Upper Level	-	-	-	At main hospital
2.	Lower Level	-	-	-	
3.	Equipment Storage	-	-	-	
4.	Bulk Storage	-	591.0	-	
5.	Staging - Totes / Carts	-	46.0	-	
6.	Decasing	-	-	-	
7.	Waste Holding	1	13.0	13	Door to Soiled Dock
8.	Transport / Equipment Holding	-	1.0	-	
9.	Housekeeping Closets	-	3.0	-	
10.	Semi-Dock - Enclosed	-	11.0	-	
11.	Hazmat Room - Secure	1	27.0	27	Dumpster size with AC. - verify with ESD
12.	Receiving / Staging supplies	1	23.0	23	

H6 Materials Management

		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
C. Print Shop/ Copy Ctr./ Mail Rm.				36	
1.	Mail Room	1	13.0	13	2 workstations
2.	Copy Center	1	23.0	23	2 workstations
D. Loading Dock / Fleet Vehicles				47	
1.	Small Truck / Van	-	10.0	-	Specialty hospital dock only separate from main hospital
2.	Courier	-	10.0	-	Open Dock with plastic slats for temp. control.
3.	Steps/ Ramp	-	6.0	-	
4.	Recycling - Cardboard	1	5.0	5	Large dumpster size with compactor @ end
5.	Recycling - Environmental	1	5.0	5	Dumpster - multiple side door access
6.	Compactor	1	5.0	5	Large dumpster size with compactor @ end
7.	Medical Gas Tank Storage - Gas Delive	1	22.0	22	Walled in covered area, with dock access; exterior door access
8.	Soiled Dock	1	10.0	10	
SUB-TOTAL NSM				221	
NSM to DGSM Multiplier				1.40	
TOTAL DEPT GSM				310	

H7 Transport		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Primary Functions				36	
1.	Dispatch	1	3	3	
2.	Staff Workroom / Lounge / Locker	1	13	13	
3.	Stretcher / Wheelchair Storage	1	9	9	
4.	Supervisor Office	1	7	7	
5.	Staff Toilet	1	4	4	
SUB-TOTAL NSM				36	
NSM to DGSM Multiplier				1.40	
TOTAL DEPT GSM				50	

H8 Security		ONCOLOGY			
ID	Functional Element	# of Spaces	NSM/Space	TOTAL NSM	Remarks
A. Staff & Support Functions				15	
1.	Director Office	-	9	-	
2.	Supervisor Office	1	7	7	
3.	Secretary Workstation	-	7	-	
4.	Officer's Room	2	3	6	One room - size for 2 people / 2 PCs, shared by 3
5.	Evidence Closet	1	1	1	In Director's Office
6.	Lost and Found Closet	1	1	1	
B. Public Functions				-	
1.			-	-	
SUB-TOTAL NSM				15	
NSM to DGSM Multiplier				1.25	
TOTAL DEPT GSM				20	