

Department	Standard Components	Room Tag:	3285
Room Name	Operating Room - Hybrid - CT Scanning Room	Room Code:	OR-HY-CT-SJ
Net Room Area Briefed	70.0 M2		
No of Rooms	1		
Subtotal of Briefed Area	70.00 M2		
Hours of Operation	24 Hours		
Occupancy	1 patient; 5 - 12 staff		
Also covers these Rooms			
Description/ Special Requirements	<p>The Operating Room - Hybrid - CT provides an aseptic environment in which to carry out surgical procedures under local, regional or general anaesthetic. The room will adjoin the CT Scanning Room. The CT Gantry will move between the OR and the CT on floor tracks.</p> <p>The Operating Room - Hybrid is used for surgical procedures that require large and bulky equipment, including Neurosurgery.</p> <p>Cardiac Protected electrical area</p> <p>Special Air Conditioning - HEPA filtration</p> <p>Additional Design Considerations:</p> <ul style="list-style-type: none"> - Minimum critical dimension 6000mm. - 'Laser In Use' warning lights may be required outside all exit doors to room if laser equipment is to be used - Lead shielding will be required; to be assessed by Radiation Consultant - External windows are desirable - double glazed with integral Venetian blinds - Provide isolated power supply individually to each large Operating Room, together with its associated line isolation and overload monitors 		
Amendment	<p>14.03.2014 - First Issue</p> <p>24.03.2014 - General revision</p>		

Room Fabric and outline specifications

ID	Fabric	Material	Finish	Specification	Selection	Remarks
5010	Ceiling	Plasterboard	Paint, washable	Flush set, suspended		
6015	Cornice	Plasterboard	Paint	Flush coved between wall & ceiling		
8010	Door protection	Composite	Prefinished PVC	Protection plate to 900 AFFL		Equal to 'Acrovyn'
8040	Door protection	Composite	Prefinished PVC	To door frame		Equal to 'Acrovyn'
8001	Door protection	Vinyl	Prefinished	To 900AFFL		
2643	Doors	Solid Core/ Glass	Paint	Triple leaf, with lead sheilding, lead glass observation panel		Clear opening to permit CT Gantry from adjoining CT room

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ID	Fabric	Material	Finish	Specification	Selection	Remarks
9232	Doors	Solid Core/ Glass	Paint	Double leaf, with lead sheilding, lead glass observation panel		1800min clear opening to patient entry/ exit, sliding cover required
1000	Floor finish	Vinyl	Standard slip resistant	Seamless, coved		
7026	Observation	Lead Glass	Clear	Through door/s		with sliding cover
7025	Observation	Lead glass	Clear	Internal window		to Control Room
2000	Skirting	Vinyl	Prefinished	Floor vinyl coved, 150 mmH		
3010	Wall finish	Paint	Scrub resistant			
3038	Wall finish	Vinyl	Prefinished	Wall vinyl to 900 AFFL		
7001	Windows					external windows desirable

Fittings and Furniture (FF)

ID	Description	Category	Group	Qty	Selection / Remarks
150	Air flowmeter	Furniture/ Fitting	3	2	to services on pendant
1252	Blind: Venetian integral	Furniture/ Fitting	1	1	to internal & external window, if provided
1440	Bowl stand: single	Furniture/ Fitting	3	2	
1580	Chair: anaesthetist	Furniture/ Fitting	3	1	
6152	Dispenser: disposable glove	Furniture/ Fitting	2	1	
6410	Documentation Station	Furniture/ Fitting	2	1	
11100	IV stand: mobile	Furniture/ Fitting	3	2	
11500	Kickbucket & stand	Furniture/ Fitting	3	2	
12300	Linen carrier: dirty, single	Furniture/ Fitting	3	1	
16250	Oxygen flowmeter	Furniture/ Fitting	3	2	to services on pendant
21730	Stool: operating, mobile	Furniture/ Fitting	3	2	
21950	Suction adapter	Furniture/ Fitting	3	6	to services on pendant; 2-low, 4-high
22000	Suction bottle	Furniture/ Fitting	3	4	in mobile carrier
22050	Suction bottle carrier	Furniture/ Fitting	3	1	
13500	Table: mayo	Furniture/ Fitting	3	1	
300	Trolley: anaesthetic	Furniture/ Fitting	3	1	
8390	Trolley: gowns	Furniture/ Fitting	3	1	
10200	Trolley: instrument	Furniture/ Fitting	3	3	
24440	Workstation: computer	Furniture/ Fitting	2	1	recessable

Fixtures, Equipment and associated Services (FE)

ID	Description	Group	Qty	Ele	Data	Cd	WH	W	m	WT	Tap	Dns	Gas	Selection / Remarks
700	Anaesthetic machine	3	1	yes	___	___	___	___	___	___	___	___	___	
1003	Camera: PTZ	2	4	yes	yes	___	___	___	___	___	___	___	___	as required
9750	Clock: slave, analogue	1	1	yes	___	___	___	___	___	___	___	___	___	master clock system
9800	Clock: time elapse	1	1	yes	___	___	___	___	___	___	___	___	___	beside analogue
11400	Computer: PC & monitor	3	2	yes	yes	___	___	___	___	___	___	___	___	to Doc Station & Write-up Desk
16000	Diathermy machine	3	1	yes	___	___	___	___	___	___	___	___	___	

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32651	Light: operating, 1 arm; with dual flat panel	2	1	yes	yes	___	___	___	___	___	___	___	___	
32605	Light: operating, 2 arm 600d; with navigation panel	2	1	yes	yes	___	___	___	___	___	___	___	___	
35950	Monitor	3	2	yes	opt	___	___	___	___	___	___	___	___	touch panel; part of Doc Station & Write-up Desk
35960	Monitor: anaesthetic	3	1	yes	opt	___	___	___	___	___	___	___	___	with printer, on anaesth machine
36240	Monitor: flat panel	2	1	yes	yes	___	___	___	___	___	___	___	___	
36670	Operating table: mobile, electric	3	1	yes	___	___	___	___	___	___	___	___	___	
47020	Services pendant: 2 arm, height adj	1	2	yes	yes	___	___	___	___	___	___	___	___	
54520	Telephone: handset, handsfree	3	1	___	yes	___	___	___	___	___	___	___	___	to workstation
56800	Television: large screen	2	2	yes	___	___	___	___	___	___	___	___	___	LCD screen; fitted & sealed to walls; reinforce wall to support up to 65kg weight

Services

ID	Description	Service Category	Qty	Selection / Remarks
1379	Audio/ Video outlet	Communications	2	to Doc Station & Write-up Desk
1379	Audio/ Video outlet	Communications	4	to services pendant
1017	Hospital LAN	Communications	2	to services pendant
1017	Hospital LAN	Communications	5	to Doc Station & Write-up Desk
1120	Monitor connection facilities and cabling	Communications		to wall TV monitor
1386	Voice / Data outlet: analogue telephone	Communications	1	to Doc Station & Write-up Desk
1006	Voice / Data outlet: double	Communications	1	to wall adjacent to Write-up Desk; 1 outlet for telephone
5005	Air conditioning: special	HVAC		HEPA filtered
5040	Pressure: positive	HVAC		
6001	General: colour corrected	Lighting		variable lighting level, dimmable
6074	Special: 'Laser In Use' lights	Lighting		outside room entries, if laser to be used
6076	Special: 'X-ray In Use' lights	Lighting	1	outside room entries
7023	Carbon Dioxide (CO2)	Medical Gases	1	to services pendant
7050	Gas Alarm Panel	Medical Gases	1	
7020	Medical Air (MA)	Medical Gases	2	to services pendant
7010	Nitrous Oxide (N2O)	Medical Gases	1	to services pendant
7000	Oxygen (O2)	Medical Gases	2	to services pendant
7070	Scavenge	Medical Gases	1	to services pendant
7040	Suction	Medical Gases	6	to services pendant
7030	Tool Air	Medical Gases	2	to services pendant
7062	Tool Air: unregulated	Medical Gases	2	to services pendant
7060	Tourniquet air	Medical Gases	1	and controls, to wall, optional
8080	Emergency call	Nurse Call	1	+ indicator button & light
8090	Orderly/ Porter call	Nurse Call	1	
8010	Staff/ Nurse assist call	Nurse Call	1	+ indicator button & light
9030	Cardiac protected	Power		
9050	Direct connection	Power	5	for clocks & operating lights

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9017	Direct power (Essential Power), 10 amp	Power	2	to services pendant
9015	GPO: Cleaner	Power	1	
9001	GPO: Double	Power	1	to workstation
9011	GPO: Emergency power, double	Power	7	to services pendant
9011	GPO: Emergency power, double	Power	9	to Doc Station & Write-up Desk
9010	GPO: Emergency power, single	Power	12	to services panels
9010	GPO: Emergency power, single	Power	2	for TV wall monitor
9000	GPO: Single	Power	3	to services panel
9014	GPO: UPS, double	Power	7	to Doc Station & Write-up Desk
9014	GPO: UPS, double	Power	7	to services pendant
9016	GPO: UPS, special	Power	1	20 Amps; to services pendant
9022	Isolated power supply system	Power		individually to each OR
9024	Line isolation monitor	Power		to each OR
9026	Overload monitor	Power		to each OR
11000	Wall panel	Services Panels	5	