

Department	Standard Components	Room Tag:	3301
Room Name	Operating Room - Vascular / Cardiac - Imaging	Room Code:	OR-VC-SJ
Net Room Area Briefed	65.0 M2		
No of Rooms	1		
Subtotal of Briefed Area	65.00 M2		
Hours of Operation	24 Hours		
Occupancy	1 patient; 5 - 12 staff		
Also covers these Rooms			
Description/ Special Requirements	<p>The Operating Room - Vascular/ Cardiac provides an aseptic environment in which to carry out surgical procedures under local, regional or general anaesthetic. The Vascular/ Cardiac OR will include Angiography imaging equipment.</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		
9004	Doors	Solid Core/ Glass	Paint	Single leaf, observation panel		1100mm clear opening, to Strile stock
9232	Doors	Solid Core/ Glass	Paint	Double leaf, with lead sheilding, lead glass observation panel		1500 min clear opening to patient entry/exit

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9004	Doors	Solid Core/ Glass	Paint	Single leaf, observation panel		920mm clear opening, to Control Room
1000	Floor finish	Vinyl	Standard slip resistant	Seamless, coved		
7025	Observation	Lead glass	Clear	Internal window		
7026	Observation	Lead Glass	Clear	Through door/s		with sliding cover
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; with integral venetians

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	
4450	Cupboard: endoscope hanging	Furniture/ Fitting	3	5	
5900	Desk	Furniture/ Fitting	2	1	write-up Desk
6152	Dispenser: disposable glove	Furniture/ Fitting	2	1	
6410	Documentation Station	Furniture/ Fitting	2	1	built in
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	4	to services on pendant
21730	Stool: operating, mobile	Furniture/ Fitting	3	2	
21950	Suction adapter	Furniture/ Fitting	3	4	to services on pendant
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	
24400	Whiteboard	Furniture/ Fitting	2	1	900 x 900
24440	Workstation: computer	Furniture/ Fitting	2	1	recessed cabinet

Fixtures, Equipment and associated Services (FE)

ID	Description	Group	Qty	Ele	Date	Cd	Wt	W/m	WTap	Dns	Gas	Selection / Remarks
700	Anaesthetic machine	3	1	yes	___	___	___	___	___	___	___	
1003	Camera: PTZ	2	4	yes	yes	___	___	___	___	___	___	
9750	Clock: slave, analogue	1	1	yes	___	___	___	___	___	___	___	master clock system
9800	Clock: time elapse	1	1	yes	___	___	___	___	___	___	___	beside analogue

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ID	Description	Group	Qty	Ele	Data	Cd	WH	T	W	m	WT	Tap	Dns	Gas	Selection / Remarks
11400	Computer: PC & monitor	3	1	yes	yes	___	___	___	___	___	___	___	___	___	to Doc Station
16000	Diathermy machine	3	1	yes	___	___	___	___	___	___	___	___	___	___	
58650	IMG: Angiography- vascular imaging unit	3	1	yes	yes	___	___	___	___	___	___	___	___	___	
1002	iPod docking: wall mounted	2	1	yes	yes	___	___	___	___	___	___	___	___	___	part of Doc Station
32800	Light: operating, 2 arm, 550/550 diam nominal	1	1	yes	___	___	___	___	___	___	___	___	___	___	
35950	Monitor	2	1	yes	opt	___	___	___	___	___	___	___	___	___	touch panel; part of Doc Station
35960	Monitor: anaesthetic	3	1	yes	opt	___	___	___	___	___	___	___	___	___	with printer, on anaesth machine
36125	Monitor: dual flat panel	2	1	yes	yes	___	___	___	___	___	___	___	___	___	
36135	Monitor: quad flat panel	2	1	yes	yes	___	___	___	___	___	___	___	___	___	
36670	Operating table: mobile, electric	3	1	yes	___	___	___	___	___	___	___	___	___	___	floor rails as per room layout sheet
47000	Services pendant: ceiling	2	2	yes	yes	___	___	___	___	___	___	___	___	___	
54520	Telephone: handset, handsfree	3	1	___	yes	___	___	___	___	___	___	___	___	___	on bench
56800	Television: large screen	2	1	yes	___	___	___	___	___	___	___	___	___	___	LCD screens; fitted and sealed to wall; reinforce wall to support 65kg weight
68800	Xray viewer: 3 screen	1	2	yes	___	___	___	___	___	___	___	___	___	___	recessed

Services

ID	Description	Service Category	Qty	Selection / Remarks
1379	Audio/ Video outlet	Communications	1	to Documentation Station
1379	Audio/ Video outlet	Communications	2	to services pendant
1017	Hospital LAN	Communications	2	to services pendant
1017	Hospital LAN	Communications	3	to Documentation Station
1120	Monitor connection facilities and cabling	Communications		to wall TV monitor
1386	Voice / Data outlet: analogue telephone	Communications	1	to Documentation Station
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
7050	Gas Alarm Panel	Medical Gases	1	
7020	Medical Air (MA)	Medical Gases	2	to services pendant
7010	Nitrous Oxide (N2O)	Medical Gases	2	to services pendant
7000	Oxygen (O2)	Medical Gases	4	to services pendant
7070	Scavenge	Medical Gases	2	to services pendant
7040	Suction	Medical Gases	4	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

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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	8	to clocks, operating lights & XRV; refer to manufacturers' specifications
9017	Direct power (Essential Power), 10 amp	Power	2	to services pendant
9015	GPO: Cleaner	Power	1	
9011	GPO: Emergency power, double	Power	5	to Documentation Station
9011	GPO: Emergency power, double	Power	6	to services pendant
9010	GPO: Emergency power, single	Power	1	for TV wall monitor
9010	GPO: Emergency power, single	Power	3	to services panel
9000	GPO: Single	Power	3	to services panel
9014	GPO: UPS, double	Power	6	to services pendant
9014	GPO: UPS, double	Power	4	to Documentation Station
9016	GPO: UPS, special	Power	2	to services pendant
9016	GPO: UPS, special	Power	2	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	4	