

<b>Department</b>	<b>Standard Components</b>	<b>Room Tag:</b>	<b>3276</b>
<b>Room Name</b>	<b>Operating Room - Digital</b>	<b>Room Code:</b>	<b>OR-DIG-SJ</b>
<b>Net Room Area Briefed</b>	55.0 M2		
<b>No of Rooms</b>	1		
<b>Subtotal of Briefed Area</b>	55.00 M2		
<b>Hours of Operation</b>	24 Hours		
<b>Occupancy</b>	1 patient; 5 - 12 staff		
<b>Also covers these Rooms</b>			
<b>Description/ Special Requirements</b>	<p>The Operating Room - Digital provides a fully digital integrated aseptic environment in which to carry out surgical procedures under local, regional or general anaesthetic. The digital operating room will include ceiling pendant systems, operating theatre imaging equipment and video monitoring equipment.</p> <p>The Operating Room - Digital may be used for surgical procedures that require large and bulky equipment, including Neurosurgery, Orthopaedics and Cardiac Surgery or may also be used for general surgery and specialties including ENT, Urology, Gynaecology, Ophthalmology, Plastic Surgery and any other procedures that do not require bulky equipment. The Operating Room will have direct access to a Scrub-up Room, exit bay and sterile stock/set-up area.</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"> <li>- Minimum critical dimension 6000mm.</li> <li>- 'Laser In Use' warning lights may be required outside all exit doors to room if laser equipment is to be used</li> <li>- Lead shielding may be required depending on use of X-ray equipment; to be assessed by Radiation Consultant</li> <li>- External windows are desirable - double glazed with integral Venetian blinds</li> <li>- Provide isolated power supply individually to each large Operating Room, together with its associated line isolation and overload monitors</li> </ul>		
<b>Amendment</b>	14.03.2014 - First Issue 24.03.2014 - General revision		

**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		
8040	Door protection	Composite	Prefinished PVC	To door frame		

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ID	Fabric	Material	Finish	Specification	Selection	Remarks
9004	Doors	Solid Core/ Glass	Paint	Single leaf, observation panel		1110mm clear opening to sterile stock room
9225	Doors	Solid Core/ Glass	Paint	Double leaf, observation panel		1500mm clear opening to patient entry/exit
1000	Floor finish	Vinyl	Standard slip resistant	Seamless, coved		
7055	Observation	Alum/ Glass	Powdercoat	Internal window, double glazed		with integral venetians, optional
7010	Observation	Glass	Clear	Through door/s		with cover, (sliding)
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		

### Fittings and Furniture (FF)

ID	Description	Category	Group	Qty	Selection / Remarks
150	Air flowmeter	Furniture/ Fitting	3	2	to services on pendant
1102	Bench: resinate, mobile	Furniture/ Fitting	3	1	for computer, optional
1252	Blind: Venetian integral	Furniture/ Fitting	1	1	to internal window, if provided
1440	Bowl stand: single	Furniture/ Fitting	3	2	
15100	Bracket: monitor	Furniture/ Fitting	3	1	optional, for TV monitor if required
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	4	to services on pendant
19040	Safe: small	Furniture/ Fitting	3	1	optional
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	optional

### Fixtures, Equipment and associated Services (FE)

ID	Description	Group	Qty	Ele	Data	Cd	WH	T	m	WT	Tap	Dns	Gas	Selection / Remarks
700	Anaesthetic machine	3	1	yes	___	___	___	___	___	___	___	___	___	
1003	Camera: PTZ	2	1	yes	yes	___	___	___	___	___	___	___	___	
9750	Clock: slave, analogue	1	1	yes	___	___	___	___	___	___	___	___	___	master clock system
9800	Clock: time elapse	1	1	yes	___	___	___	___	___	___	___	___	___	beside analogue
11400	Computer: PC & monitor	3	1	yes	yes	___	___	___	___	___	___	___	___	

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16000	Diathermy machine	3	1	yes	___	___	___	___	___	___	___	
32605	Light: operating, 2 arm 600d; with navigation panel	2	1	yes	yes	___	___	___	___	___	___	
32600	Light: operating, 2 arm, 950/550 diam nominal	1	1	yes	___	___	___	___	___	___	___	
35960	Monitor: anaesthetic	3	1	yes	opt	___	___	___	___	___	___	with printer, on anaesth machine
36240	Monitor: flat panel	2	2	yes	yes	___	___	___	___	___	___	
36670	Operating table: mobile, electric	3	1	yes	___	___	___	___	___	___	___	
47000	Services pendant: ceiling	1	2	yes	yes	___	___	___	___	___	___	cable boom optional
54520	Telephone: handset, handsfree	3	1	___	yes	___	___	___	___	___	___	on bench
68900	Xray viewer: 4 screen	1	1	yes	___	___	___	___	___	___	___	recessed, 4x1 layout

### Services

ID	Description	Service Category	Qty	Selection / Remarks
1379	Audio/ Video outlet	Communications	1	to documentation station
1379	Audio/ Video outlet	Communications	3	to services pendant
1120	Monitor connection facilities and cabling	Communications	1	to wall TV monitor, optional
1386	Voice / Data outlet: analogue telephone	Communications	1	to documentation station
1006	Voice / Data outlet: double	Communications	2	to documentation station; 1 outlet for telephone
1006	Voice / Data outlet: double	Communications	2	1 each to pendants
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
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	and controls, services panel
7062	Tool Air: unregulated	Medical Gases	1	to each 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	optional
8010	Staff/ Nurse assist call	Nurse Call	1	+ indicator button & light
9030	Cardiac protected	Power		
9050	Direct connection	Power	3	XRV, clocks
9015	GPO: Cleaner	Power	1	
9001	GPO: Double	Power	1	to bench, if provided
9011	GPO: Emergency power, double	Power	4	to documentation station
9010	GPO: Emergency power, single	Power	12	to services pendant
9010	GPO: Emergency power, single	Power	4	to walls
9010	GPO: Emergency power, single	Power	1	for TV wall monitor, optional

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9000	GPO: Single	Power	8	to services pendant
9000	GPO: Single	Power	4	to services panel
9060	GPO: Special: for equipment	Power	1	20 amp, optional
9014	GPO: UPS, double	Power	2	to documentation station
45570453	GPO: UPS, single	Power	12	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
9020	UPS (uninterruptible power)	Power	1	
11000	Wall panel	Services Panels	3	flush mounted