

# Design Guidelines for Hospitals and Day Procedure Centres

## Standard Components Room Data Sheets

Room Name	Operating Room - Large	Room Code	ORLA
Area M2	50		
Description	The Operating Room - Large provides an aseptic environment in which to carry out surgical procedures under local, regional or general anaesthetic.		
Special Requirement	<p>The Operating Room - Large may be used for surgical procedures that require large and bulky equipment, including Neurosurgery, Orthopaedics and Cardiac Surgery.</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> </ul>		

### Room Fabric and outline specifications

### Remarks

1000	Floor finish	Vinyl	Standard slip resistant	Seamless, coved	
2000	Skirting	Vinyl	Prefinished	Floor vinyl coved, 150mmH	
3010	Wall finish	Paint	Scrub resistant		
3038	Wall finish	Vinyl	Prefinished	Wall vinyl to 900mmH	
5010	Ceiling	Plasterboard	Paint, washable	Flush set, suspended	
6015	Cornice	Plasterboard	Paint	Flush coved between wall & ceiling	
7010	Observation	Glass	Clear	Through door/s	with cover
8010	Door protection	Composite	Prefinished PVC	Protection plate to 900mm AFFL	Equal to Acrovyn
8040	Door protection	Composite	Prefinished PVC	To door frame	Equal to Acrovyn
9004	Doors	Solid Core/ Glass	Paint	Single leaf, observation panel	to set-up/clean-up/scrub rooms
9023	Doors	Solid Core	Paint	Double leaf, observation panel	1500mm clear opening to patient entry/exit

### Fittings and Furniture

Fitting ID	Category	Fitting	Grp	Quantity	Selection
6152	Furniture/ Fitting	Dispenser: disposable glove	2	1	
23410	Furniture/ Fitting	Television bracket, wall mounted	1	1	optional, for TV monitor if required
24400	Metalwork	Whiteboard	1	1	900 x 900, optional

### Fixtures, Equipment and associated services

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Room Code **ORLA**

FFE ID	Description	Grp	Quantit	Ele	CdW	HtW	WmW	Tap	Dns	Gas	Stm	Selection
9750	Clock : slave, analogue	1	1	yes	___	___	___	___	___	___	___	
9800	Clock : time elapse	1	1	yes	___	___	___	___	___	___	___	beside analogue
32600	Light : theatre, large + satellite	1	1	yes	___	___	___	___	___	___	___	
47000	Services : pendant, ceiling	1	2	yes	___	___	___	___	___	___	___	cable boom optional
68900	Xray viewer, 4 screen	1	1	yes	___	___	___	___	___	___	___	recessed, 4x1 layout

### Services

Service ID	Service Category	Description	Quantity	Remarks
1006	Communications	Voice / Data outlet - double	3	1 to bench; 1 each to pendants
5005	HVAC	Air conditioning - special		Special, HEPA filtered
5040	HVAC	Pressure: positive		
6001	Lighting	General : colour corrected		variable lighting level, dimmable
7000	Medical Gases	O2	4	2 / each pendant
7010	Medical Gases	N2O	2	1/ each pendant
7020	Medical Gases	Medical Air	2	1 / each pendant
7030	Medical Gases	Tool Air	2	and controls, services panel
7040	Medical Gases	Suction	4	2 / each pendant
7050	Medical Gases	Gas Alarm Panel	1	
7060	Medical Gases	Tourniquet air	1	and controls, to wall, optional
7070	Medical Gases	Scavenging	2	1 / each pendant
8010	Nurse Call	Nurse assist call	1	+ indicator button & light
8080	Nurse Call	Emergency call	1	+ indicator button & light
8090	Nurse Call	Porter call	1	optional
9000	Power	GPO: Single	1	to bench, if provided
9000	Power	GPO: Single	8	shared between pendants
9000	Power	GPO: Single	6	to walls
9010	Power	GPO: Single - emergency power	8	shared between pendants
9010	Power	GPO: Single - emergency power	4	to walls
9015	Power	GPO: Cleaner	1	
9030	Power	Cardiac Protected		
9050	Power	Direct connection	3	XRV, clocks
9060	Power	Special: for equipment	1	20 amp, optional