

Room Name	Operating Room - Large, 52m2		Room Number ORLA
Revision	5		
Issue Date	20.03.17		
BRIEFING			
Briefed Area	52.00 m ²		
Hours of Operation	24 Hours		
Occupancy	1 patient; 5 - 12 staff		
Acoustics			
Remarks			
Description / Special Requirements	The Operating Room - Large provides an aseptic environment in which to carry out surgical procedures under local, regional or general anaesthetic. The Operating Room - Large may be used for surgical procedures that require large and bulky equipment, including Neurosurgery, Orthopaedics and Cardiac Surgery. Additional Design Considerations: 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 may be required depending on use of X-ray equipment; 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.		
SERVICES			
General Requirements	BODY PROTECTED = No		CARDIAC PROTECTED = Yes
Air	AIRCONDITIONING = No AIRCONDITIONING: positive pressure = Yes EXHAUST: room exhaust = No		AIRCONDITIONING: hepa filtered = Yes AIRCONDITIONING: negative pressure = No VENTILATION = No
Lighting	LIGHTING: colour corrected = Yes LIGHTING: downlights = No LIGHTING: fluorescent, downlights = No LIGHTING: fluorescent, general = No		LIGHTING: dimmable = No LIGHTING: downlights, dimmable = No LIGHTING: fluorescent, flush with ceiling, tamper proof = No LIGHTING: indirect = No
Nurse Call	NURSE CALL SYSTEM = Yes		

Room Fabrics

AusHFG code	Description	Comment
CLFS-006	CEILING: plasterboard, flush set, suspended, paint, washable	
CLCN-007	CORNICE: plasterboard, flush coved between wall and ceiling, paint	
DWGL-020	DOOR: 1100mm c/o, single leaf, observation panel, solid core/glass, paint	1100mm clear opening to clean-up rooms, quantity to suit layout
DWGL-042	DOOR: 1500mm c/o, 1 1/2 leaf, observation panel, solid core/glass, paint	1500mm clear opening to patient entry/exit, quantity to suit layout
DWGL-005	DOOR: 910mm c/o, single leaf, observation panel, solid core/glass, paint	910mm clear opening to set-up/ scrub rooms, quantity to suit layout
DWPR-006	DOOR PROTECTION: protection plate, to 900 AFFL, PVC, prefinished	Equal to Acrovyn
DWPR-010	DOOR PROTECTION: to door frame, PVC, prefinished	Equal to Acrovyn
FLVY-007	FLOOR FINISH: vinyl, seamless, coved, standard slip resistant	
DWOB-003	OBSERVATION: internal window, alum/glass, double glazed, integral venetian blind, powdercoat	with integral venetians, optional
DWOB-010	OBSERVATION: through door/s, glass, clear	with cover, (sliding)
FLSK-010	SKIRTING: vinyl, floor vinyl coved, 150H, prefinished	

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AusHFG code	Description	Comment
WLWA-005	WALL FINISH: paint, scrub resistant	
WLWA-022	WALL FINISH: vinyl, to 900 AFFL	

Fittings, Furniture and Equipment (FF&E) Items

AusHFG code	Description	Group	Qty	Comment
MMGE-002	ADAPTER: suction	3	4	to services on pendant
FIJO-022	BENCH: 600D, open under, resinate finish, mobile	3	1	for computer, optional
DWWD-007	BLIND: venetian, integral	1	1	to internal window, if provided
FIHR-006	BRACKET: for display screen, wall mounted	1	1	optional, for TV display screen, if required
FIHR-019	BRACKET: for suction bottle	2	4	
MMHA-001	CARRIER: suction bottle	3	1	
MMGE-014	CHAIR: anaesthetist	3	1	
ITCL-016	CLOCK: clock system slave, analogue	1	1	
ITCL-022	CLOCK: clock system slave, elapsed time	1	1	beside analogue
ITNE-007	COMPUTER: desktop, with display screen	3	1	optional
FIDI-014	DISPENSER: disposable glove	2	1	
ITBU-011	DISPLAY SCREEN: MATV	3	1	for television, could be replaced by IPTV, to be decided at project level
MGFP-002	FLOWMETER: medical air	3	2	to services on pendant
MGFP-004	FLOWMETER: oxygen	3	4	to services on pendant
MMGE-045	IV STAND: mobile	3	2	
MMOP-028	KICKBUCKET & STAND:	3	2	
MMSP-028	LIGHT: operating, 2 arm, 950/550 diam nom.	1	1	
MMGE-048	LINEN CARRIER: dirty, single	3	1	
MMOP-040	MACHINE: anaesthetic	3	1	
MMOP-043	MACHINE: electrosurgical, diathermy	3	1	
MMHA-004	MONITOR: patient, anaesthetic	3	1	with printer, on anaesth machine
MMSP-015	PENDANT: single, anaesthetic (fixed or adjustable height)	1	1	cable boom optional
MMSP-016	PENDANT: single, equipment (fixed or adjustable height)	1	1	surgical, cable boom optional
MMOP-069	STAND: bowl, single	3	2	
MMOP-071	STOOL: operating, mobile	3	2	
MMGE-100	SUCTION BOTTLE	3	4	in mobile carrier
MMOP-076	TABLE: mayo	3	1	
MMOP-080	TABLE: operating, mobile, electric	3	1	
ITNE-050	TELEPHONE: handset, desktop, handsfree	3	1	on bench
MMOP-084	TOURNIQUET: surgical	3	1	
MMOP-085	TROLLEY: anaesthetic	3	1	

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MMGE-122	TROLLEY: gowns	3	1	
MMGE-123	TROLLEY: instrument	3	4	
MMGE-156	VIEWER: X-ray, 4 screen	1	1	recessed, 4x1 layout
FIBM-019	WHITEBOARD: fixed, magnetic	2	1	optional

Engineering Services

AusHFG code	Description	Group	Qty	Comment
MGFP-001	ALARM PANEL: medical gases	1	1	to services panel P1
ITCL-004	BUTTON: nurse call, emergency	1	1	to services panel P4, + indicator button & light
ITCL-005	BUTTON: nurse call, orderly / porter	1	1	to services panel P4, optional
ITCL-008	BUTTON: nurse call, staff assist	1	1	to services panel P4, + indicator button & light
ELBO-003	CONTROL PANEL: lighting	1	1	to services panel P2
ITCL-023	CONTROL PANEL: master clock system	1	1	to services panel P2
MGFP-007	CONTROL PANEL: tool air	1	1	to services panel P1
ELGE-001	DIRECT CONNECTION: power	1	3	XRV, clocks, lights
ELBO-005	EQUIPOTENTIAL JUNCTION BOX	1	1	to services panel P1
ELGP-209	GPO: double, wall mounted, RCD protected	1	1	to bench, if provided
ELGP-121	GPO: emergency power, single, on pendant	1	8	4 per pendant
ELGP-122	GPO: emergency power, single, on services panel	1	3	to services panel P1
ELGP-123	GPO: emergency power, single, wall mounted	1	1	for TV display screen, optional
ELGP-104	GPO: single, on pendant	1	8	4 per pendant
ELGP-105	GPO: single, on services panel	1	2	to services panel P3, 1 no. 20 amp optional
ELGP-105	GPO: single, on services panel	1	2	to services panel P2
ELGP-110	GPO: single, wall mounted, cleaner	1	1	
LIFX-003	LIGHT: illuminated sign, "Laser in Use"	1	5	outside room entries, if laser to be used
ELPR-004	MONITOR: line isolation	1	1	to services panel P5, to each OR-Large
ELPR-005	MONITOR: overload	1	1	to services panel P5, to each OR-Large
ITIN-024	OUTLET: data, double RJ45, on pendant	1	2	1 to each pendant
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	1	to bench; 1 outlet for telephone
ITIN-016	OUTLET: data, single RJ45, wall mounted	1	1	to wall TV display screen, optional, includes connection facilities and cabling
MGAS-021	OUTLET: medical air (MA), on pendant	1	2	1 on each pendant
MGAS-031	OUTLET: nitrous oxide (N2O), on pendant	1	2	1 on each pendant
MGAS-041	OUTLET: oxygen (O2), on pendant	1	4	2 on each pendant
MGAS-052	OUTLET: scavenge, on pendant, with adapter	1	2	1 on each pendant

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MGAS-061	OUTLET: suction, on pendant	1	4	2 on each pendant
MGAS-074	OUTLET: tool air, on pendant	1	2	1 on each pendant
MGAS-080	OUTLET: tourniquet air, with controls	1	1	to services panel P1, with controls, optional
ELGE-003	POWER SUPPLY: system, isolated	1	1	to services panel P5, individually to each OR-Large
ELPR-006	RCD: residual current device	1	3	to services panel P1, P2 and P3
MMSP-026	SERVICES PANEL: wall mounted	2	5	flush mounted
MESU-013	SUPPLY AIR: grille, HEPA filtered	1	4	low level
ELBO-009	SWITCH: "Laser in use"	1	1	to services panel P4