Room Name	Operating Room - General	Room Number ORGN

Revision	5
Issue Date	02.07.2018

BRIEFING

Briefed Area	60.00 m^2
Hours of Operation	24 Hours
Occupancy	1 patient; 5 - 12 staff
Acoustics	
Remarks	
Description / Special Requirements	The Operating Room provides an aseptic environment in which to carry out surgical procedures under local, regional or general anaesthetic. The Operating Room may be used for general surgical procedures that require complex and large equipment. Specialist Operating Rooms can include Neurosurgery, Orthopaedics, Cardiac Surgery, Obstetrics and Trauma. Additional Design Considerations: Minimum critical dimension 7500mm. 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 Operating Room pendant, together with its associated line isolation and overload monitors. Wall gases are required for Obstetric use, for use with a newborn if required. Cardiac Protection, additional power and equipment is required for Cardiothoracic use and some forms of hybrid Operating Rooms. Dimmable LED (or functionally equivalent) lighting is mandatory, the method of dimming is optional.

SERVICES

General Requirements	BODY PROTECTED	☑	CARDIAC PROTECTED ☐
Air	AIRCONDITIONING	☐	AIRCONDITIONING: hepa filtered ☑
	AIRCONDITIONING: positive pressure	☑	AIRCONDITIONING: negative pressure ☐
	EXHAUST: room exhaust	☑	VENTILATION ☐
Lighting	LIGHTING: colour corrected	☑	LIGHTING: dimmable ☑
	LIGHTING: downlights	☐	LIGHTING: downlights, dimmable ☐
	LIGHTING: fluorescent/LED, downlights	☐	LIGHTING: fluorescent/LED, flush with ceiling, tamper proof ☐
	LIGHTING: fluorescent/LED, general	☐	LIGHTING: indirect ☐
Nurse Call	NURSE CALL SYSTEM	☑	

Room Fabrics

AusHFG code	Description	Comment
CLFS-005	CEILING: plasterboard, flush set, suspended, paint, scrub resistant	
CLCN-008	CORNICE: square set flush between wall and ceiling, paint	
DWGL-051	DOOR: 1600mm c/o, double leaf, observation panel, solid core/glass, paint	
DWGL-011	DOOR: 950mm c/o, single leaf, observation panel, solid core/glass, paint	
DWPR-011	DOOR PROTECTION: protection plate, to full height	
DWPR-010	DOOR PROTECTION: to door frame, PVC, prefinished	optional
FLVY-007	FLOOR FINISH: vinyl, seamless, coved, standard slip resistant	
DWOB-003	OBSERVATION: internal window, alum/glass, double glazed, integral venetian blind, powdercoat	optional, from Store - Sterile Stock
FLSK-010	SKIRTING: vinyl, floor vinyl coved, 150H, prefinished	
WLWA-019	WALL FINISH: vinyl, full height	

Fittings, Furniture and Equipment (FF&E) Items

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AusHFG code	Description	Group	Qty	Comment
MMGE-002	ADAPTER: suction	3	8	6 for pendants, 2 optional for optional wall outlets
FIJO-013	BENCH: 450D, open under, stainless steel	1	1	
FIJO-100	BENCH LEGS: stainless steel, for bench top	1	1	
FIHR-064	BRACKET: for display screen, arm mounted, rotating	2	2	attached to MMSP-033
FIHR-006	BRACKET: for display screen, wall mounted	2	1	
FIHR-066	BRACKET: for display screen, wall mounted, articulated, adj height	2	1	at write up bench
FIHR-019	BRACKET: for suction bottle	2	2	optional - for wall mounted gases if provided
ITCL-012	CAMERA: observation	2	1	supplied with DOR system, optional
MMOP-097	CAMERA: surgical field, to operating light	2	1	supplied with DOR system, optional
MMGE-014	CHAIR: anaesthetist	3	2	
MMGE-167	CHAIR: surgeon	3	1	
ITCL-020	CLOCK: clock system slave, dual digital / elapsed time	1	1	
ITNE-066	COMPUTER: all-in-one, wall mounted	3	1	
ITNE-008	COMPUTER: for workstation on wheels	3	2	
ITAV-060	CONTROL PANEL: AV integration system, wall mount	2	1	supplied with DOR system
MMOP-099	DEVICE: imaging, ultrasound, anaesthetic	3	1	optional
FIDI-001	DISPENSER: alcohol based hand rub	2	1	
FIDI-014	DISPENSER: disposable glove	2	1	
MMOP-096	DISPLAY SCREEN: AV integration	2	2	supplied with DOR system, mounted on operating light arm
MMOP-096	DISPLAY SCREEN: AV integration	2	1	supplied with DOR system, wall mounted
MGFP-002	FLOWMETER: medical air	3	4	2 for pendants, 2 optional for optional wall outlets
MGFP-004	FLOWMETER: oxygen	3	6	4 for pendants, 2 optional for optional wall outlets
MMGE-045	IV STAND: mobile	3	2	
ITNE-067	KEYBOARD: keyboard and mouse only	3	1	
MMOP-028	KICKBUCKET & STAND	3	2	
MMSP-033	LIGHT: operating, 2 arm, light 700 diam nom. / arm for display screen	2	2	supplied with DOR system
MMGE-048	LINEN CARRIER: dirty, single	3	2	
MMOP-040	MACHINE: anaesthetic	3	1	recommended to be with integral monitors
MMOP-043	MACHINE: electrosurgical, diathermy	3	1	
MMOP-048	MICROSCOPE: ENT, surgical	3	1	optional - or other specialist surgical equipment
ITIN-120	PATCH PANEL: data integration	2	2	supplied with DOR system, one to pendant 1, one to wall
MMSP-034	PENDANT: single, dual arm, surgical & anaesthetic combined (fixed or adjustable height)	2	2	ergonomic control handles req'd.; shelves optional; nfusion poles optional; pendant services

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				specification assumes mobile plume extraction in use
MMGE-078	PUMP: infusion	3	1	
DWWH-007	SHUTTER: for observation panel, magnetic flap for laser protection	1	5	optional - if laser used
ITAV-057	SPEAKER: ceiling recessed	2	2	supplied with DOR system, optional
MMOP-069	STAND: bowl, single	3	2	
MMGE-168	STAND: infusion pump, mobile	3	1	
MMOP-071	STOOL: operating, mobile	3	1	
MMGE-100	SUCTION BOTTLE	3	2	optional - for wall mounted gases, if provided
MMOP-103	SYSTEM: digital integration in operating rooms (DOR)	2	1	IT and AV system with associated equipment; servers located outside entry to Operating Room
MMOP-074	SYSTEM: smoke evacuation	3	1	
MMOP-076	TABLE: mayo	3	1	
MMOP-080	TABLE: operating, mobile, electric	3	1	may be supplied with DOR system
ITNE-050	TELEPHONE: handset, desktop, handsfree	3	1	on bench
ITNE-052	TELEPHONE: handset, wall mount	1	1	
MMOP-085	TROLLEY: anaesthetic	3	1	
MMGE-122	TROLLEY: gowns	3	2	
MMGE-123	TROLLEY: instrument	3	2	
MMGE-138	TROLLEY: preparation	3	3	For setup
MMGE-142	TROLLEY: sharps bin	3	1	
FQSM-039	TROLLEY: waste bag	3	1	
MMOP-100	WARMER: patient, intraoperative	3	1	
FIBM-019	WHITEBOARD: fixed, magnetic	2	1	optional
MMGE-164	WORKSTATION ON WHEELS: clinical, mobile	3	2	

Engineering Services

AusHFG code	Description	Group	Qty	Comment
MGFP-001	ALARM PANEL: medical gases	1	1	
ITCL-004	BUTTON: nurse call, emergency	1	1	on pendant 1
ITCL-004	BUTTON: nurse call, emergency	1	1	
ITCL-004	BUTTON: nurse call, emergency	1	1	on pendant 2
ITCL-005	BUTTON: nurse call, orderly / porter	1	1	on pendant 1
ITCL-005	BUTTON: nurse call, orderly / porter	1	1	on pendant 2
ITCL-008	BUTTON: nurse call, staff assist	1	1	
ITCL-008	BUTTON: nurse call, staff assist	1	1	on pendant 2
ITCL-008	BUTTON: nurse call, staff assist	1	1	on pendant 1

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AusHFG code	Description	Group	Qty	Comment
ELBO-003	CONTROL PANEL: lighting	1	2	
ITCL-023	CONTROL PANEL: master clock system	1	1	
MGFP-007	CONTROL PANEL: tool air	1	1	
ITSE-025	DOOR RELEASE: access control, remote activation	1	3	
ELGP-223	GPO: emergency power, double, wall mounted	1	3	
ELGP-121	GPO: emergency power, single, on pendant	1	8	on pendant 1
ELGP-121	GPO: emergency power, single, on pendant	1	8	on pendant 2
ELGP-122	GPO: emergency power, single, on services panel	1	2	
ELGP-123	GPO: emergency power, single, wall mounted	1	2	for recharging equipment
ELGP-110	GPO: single, wall mounted, cleaner	1	1	
ELGP-132	GPO: UPS, single, on pendant	1	4	on pendant 2
ELGP-132	GPO: UPS, single, on pendant	1	4	on pendant 1
LIFX-003	LIGHT: illuminated sign, "Laser in Use"	1	3	optional, if laser to be used - located outside room entries, delete from list if listed in adjacent rooms
LIFX-002	LIGHT: illuminated sign, "X-Ray in Use"	1	3	optional, if x-ray to be used - located outside room entries, delete from list if listed in adjacent rooms - wording on lights subject to jurisdictional legislation
ELPR-004	MONITOR: line isolation	1	1	for UPS outlets on pendants
MGAS-004	OUTLET: carbon dioxide (CO2), on pendant	1	1	on pendant 1
MGAS-004	OUTLET: carbon dioxide (CO2), on pendant	1	1	on pendant 2
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	3	
ITIN-014	OUTLET: data, single RJ45, on pendant	1	4	on pendant 2
ITIN-014	OUTLET: data, single RJ45, on pendant	1	4	on pendant 1
MGAS-021	OUTLET: medical air (MA), on pendant	1	1	on pendant 2
MGAS-021	OUTLET: medical air (MA), on pendant	1	1	on pendant 1
MGAS-022	OUTLET: medical air (MA), on services panel	1	2	optional
MGAS-031	OUTLET: nitrous oxide (N2O), on pendant	1	1	on pendant 2
MGAS-031	OUTLET: nitrous oxide (N2O), on pendant	1	1	on pendant 1
MGAS-041	OUTLET: oxygen (O2), on pendant	1	2	on pendant 1
MGAS-041	OUTLET: oxygen (O2), on pendant	1	2	on pendant 2
MGAS-042	OUTLET: oxygen (O2), on services panel	1	2	optional
MGAS-051	OUTLET: scavenge, on pendant	1	1	on pendant 1
MGAS-051	OUTLET: scavenge, on pendant	1	1	on pendant 2
MGAS-061	OUTLET: suction, on pendant	1	3	on pendant 1 - for complex theatres an additional suction outlet may be required
MGAS-061	OUTLET: suction, on pendant	1	3	on pendant 2 - for complex theatres an additional suction outlet may be required

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MGAS-062	OUTLET: suction, on services panel	1	2	optional
MGAS-074	OUTLET: tool air, on pendant	1	1	on pendant 1
MGAS-074	OUTLET: tool air, on pendant	1	1	on pendant 2
ELPR-006	RCD: residual current device	1	3	1 to wall mounted services panel; LIM to be provided to UPS outlets only
MEEX-016	RETURN AIR: grille, low level	1	4	rectilinear or triangular ducts are optional alternatives
MMSP-026	SERVICES PANEL: wall mounted	1	1	flush mounted
ELBO-009	SWITCH: "Laser in use"	1	1	optional, if laser to be used
ELBO-016	SWITCH: "X-Ray in use"	1	1	optional, if x-ray to be used
ELPR-007	UPS: status indicator	1	1	on pendant 2
ELPR-007	UPS: status indicator	1	1	on pendant 1