

Room Name	Catheter Laboratory - Electrophysiology Studies	Room Number CLAB-EP
<b>Revision</b>	1	
<b>Issue Date</b>	13.05.2020	
<b>BRIEFING</b>		
<b>Briefed Area</b>	60.00 m <sup>2</sup>	
<b>Hours of Operation</b>	Available 24 Hours	
<b>Occupancy</b>	1 patient; up to 6 staff	
<b>Acoustics</b>	Acoustic privacy is required	
<b>Remarks</b>		
<b>Description / Special Requirements</b>	<p>A highly specialised procedure room where interventional Cardiac Catheter procedures are undertaken in an aseptic environment and may include administration of sedation or general anaesthesia. The Catheter Laboratory - Electrophysiology Studies may also be used for electrophysiology (EP) studies and treatment and is typically only provided in hospitals of tertiary level or higher, where required. A Control room will be located adjacent and may serve more than one procedure room. A clinical scrub area should be located immediately adjacent to the staff entry.</p> <p>Additional Design Considerations:</p> <ul style="list-style-type: none"> <li>• Radiation shielding as advised by Radiation Consultant.</li> <li>• A strut channel system able to carry moving loads may be required.</li> <li>• Cable ducts from Control Room and Equipment room will be required.</li> <li>• 'X-Ray in Use' lights are required outside each entry door.</li> <li>• Power to imaging equipment should be on emergency supply.</li> <li>• The Catheter Laboratory for EP studies will require radiofrequency shielding.</li> </ul>	
<b>SERVICES</b>		
<b>Electrical</b>	BODY PROTECTED <input type="checkbox"/>	CARDIAC PROTECTED <input checked="" type="checkbox"/>
<b>HVAC</b>	AIRCONDITIONING <input type="checkbox"/>	AIRCONDITIONING: hepa filtered <input checked="" type="checkbox"/>
	AIRCONDITIONING: positive pressure <input checked="" type="checkbox"/>	AIRCONDITIONING: negative pressure <input type="checkbox"/>
	EXHAUST: room exhaust <input checked="" type="checkbox"/>	VENTILATION <input type="checkbox"/>
<b>Lighting</b>	LIGHTING: colour corrected <input checked="" type="checkbox"/>	LIGHTING: dimmable <input checked="" type="checkbox"/>
	LIGHTING: downlights <input type="checkbox"/>	LIGHTING: downlights, dimmable <input type="checkbox"/>
	LIGHTING: fluorescent/LED, downlights <input type="checkbox"/>	LIGHTING: fluorescent/LED, flush with ceiling, tamper proof <input type="checkbox"/>
	LIGHTING: fluorescent/LED, general <input checked="" type="checkbox"/>	LIGHTING: indirect <input type="checkbox"/>
<b>Security / Nurse Call</b>	NURSE CALL SYSTEM <input checked="" type="checkbox"/>	

**Room Fabrics**

AusHFG code	Description	Comment
CLFS-006	CEILING: plasterboard, flush set, suspended, paint, washable	at 3000 mm AFFL
CLCN-008	CORNICE: square set flush between wall and ceiling, paint	
DWSC-034	DOOR: 1800mm c/o, double leaf, solid core, lead shielding, paint	
DWGL-006	DOOR: 910mm c/o, single leaf, observation panel, solid core/lead glass, lead shielding, paint	staff access to sterile stock/scrub areas
DWPR-005	DOOR PROTECTION: protection plate to 900 AFFL	
DWPR-010	DOOR PROTECTION: to door frame, PVC, prefinished	optional
FLVY-007	FLOOR FINISH: vinyl, seamless, coved, standard slip resistant	

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AusHFG code	Description	Comment
DWOB-009	OBSERVATION: internal window, lead glass, clear	to control room
FLSK-010	SKIRTING: vinyl, floor vinyl coved, 150H, prefinished	
WLWA-019	WALL FINISH: vinyl, full height	

**Fittings, Furniture and Equipment (FF&E) Items**

AusHFG code	Description	Group	Qty	Comment
MMGE-002	ADAPTER: suction	3	4	on pendant/s
FIJO-059	BENCH TOP: 600D, joinery under, laminate finish	1	1	
FQCW-008	BIN: waste, clinical, 50L	3	1	
FIHR-006	BRACKET: for display screen, wall mounted	2	1	for slave monitor
FIHR-019	BRACKET: for suction bottle	2	4	on pendant/s
FIJO-212	BULKHEAD: joinery	1	1	over cupboards
ITCL-021	CLOCK: clock system slave dual time / elapsed time	1	1	
ITNE-008	COMPUTER: for workstation on wheels	3	2	
FIJO-106	CUPBOARD: drawer unit, 4 equal	1	1	under bench
FIJO-108	CUPBOARD: drawer unit, baskets, 3 x Wire (400mm wide)	1	3	
FIJO-221	CUPBOARD: tall, double door, glazed	1	1	
FIJO-220	CUPBOARD: tall, double door, glazed, catheter hanging	1	1	
MMHA-002	DEFIBRILLATOR	3	1	on resus trolley
MMMI-329	DEVICE: imaging, ultrasound scanning unit	3	1	
FIDI-001	DISPENSER: alcohol based hand rub	2	2	
FIDI-014	DISPENSER: disposable glove	2	1	wall mounted
MMMI-396	DISPLAY SCREEN: cath lab, multi modality	1	1	
MMGE-032	DISPLAY SCREEN: slave, for patient monitor	3	1	on wall bracket
MGFP-002	FLOWMETER: medical air	3	3	on pendant/s
MGFP-004	FLOWMETER: oxygen	3	4	on pendant/s
MMMI-100	INJECTOR: contrast, CT	1	1	optionally can be on table or ceiling mounted
MMGE-045	IV STAND: mobile	3	2	
MMSP-029	LIGHT: operating, single, 550 diam nom.	1	1	
MMGE-048	LINEN CARRIER: dirty, single	3	1	
MMOP-040	MACHINE: anaesthetic with integral monitors	3	1	optional
MMSP-015	PENDANT: single, anaesthetic (fixed or adjustable height)	2	1	
MMSP-018	PENDANT: single, wet and dry combination (fixed or adjustable height)	2	1	
MMGE-088	SAFE: dangerous drugs, small	1	1	optional
MMMI-390	SHIELD: radiation, upper body, mobile, cath lab	1	2	ceiling mounted
MMMI-400	STAND: ceiling, with traverse bridge, cath lab	1	1	
FQBS-052	STOOL: mobile, high, adj height	3	2	
MMGE-100	SUCTION BOTTLE	3	4	on pendant mounted brackets

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AusHFG code	Description	Group	Qty	Comment
MMMI-398	SYSTEM: electrophysiology, cath lab	1	1	
MMMI-385	SYSTEM: imaging, cath lab, dual plane, ceiling	1	1	
MMMI-389	TABLE: operating, fixed, narrow table plate, cath lab, dual plane	1	1	
ITNE-049	TELEPHONE: handset, desktop	3	1	
MMGE-119	TROLLEY: equipment	3	1	
MMGE-122	TROLLEY: gowns	3	1	
MMHA-027	TROLLEY: resuscitation, adult	3	1	
MMGE-142	TROLLEY: sharps bin	3	1	
MMMI-377	WARMER: contrast	3	1	on bench
FIBM-019	WHITEBOARD: fixed, magnetic	2	1	
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	
ELBO-001	BUTTON: emergency stop	1	1	optional, for equipment shut-off
ITCL-004	BUTTON: nurse call, emergency	1	2	to wall, + indicator button & light
ITCL-008	BUTTON: nurse call, staff assist	1	2	to wall, + indicator button & light
ELBO-003	CONTROL PANEL: lighting	1	1	
ITCL-023	CONTROL PANEL: master clock system	1	1	
ITSE-025	DOOR RELEASE: access control, remote activation	1	1	
ELBO-005	EQUIPOTENTIAL JUNCTION BOX	1	1	
ITIN-143	FLOORBOX: for power, data, AV, flush mounted	1	1	under table
ELGP-225	GPO: emergency power, double, in floorbox	1	3	
ELGP-223	GPO: emergency power, double, wall mounted	1	2	2 above bench
ELGP-125	GPO: emergency power, single, ceiling mounted	1	1	
ELGP-121	GPO: emergency power, single, on pendant	1	16	on pendant, 8 to each pendant
ELGP-123.1	GPO: emergency power, single, wall mounted (V)	1	9	
ELGP-110	GPO: single, wall mounted, cleaner	1	1	
ELGP-132	GPO: UPS, single, on pendant	1	4	on pendant, 2 to each pendant
ITSE-029	INTERCOM: audio, wall mount	1	1	handsfree to control room, outside room, to control room, delete from room list if listed in adjacent accessway
LIFX-002	LIGHT: illuminated sign, "X-Ray in Use"	1	3	outside all entry points. Delete from room list if listed in adjacent room
LIFX-008	LIGHT: task light, built in	1	2	over bench
ELPR-004	MONITOR: line isolation	1	2	1 to each pendant
ITIN-022	OUTLET: data, double RJ45, in floorbox	1	1	

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AusHFG code	Description	Group	Qty	Comment
ITIN-024	OUTLET: data, double RJ45, on pendant	1	2	on pendant, 1 to each pendant
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	3	
ITIN-011	OUTLET: data, single RJ45, ceiling mounted	1	1	
ITIN-016	OUTLET: data, single RJ45, wall mounted	1	2	
MGAS-021	OUTLET: medical air (MA), on pendant	1	3	on pendant, 2 to EP pendant
MGAS-031	OUTLET: nitrous oxide (N2O), on pendant	1	2	on pendant, 1 to each pendant
MGAS-041	OUTLET: oxygen (O2), on pendant	1	4	on pendant, 2 to each pendant
MGAS-051	OUTLET: scavenge, on pendant	1	2	on pendant, 1 to each pendant
MGAS-061	OUTLET: suction, on pendant	1	4	on pendant, 2 to each pendant
ELPR-006	RCD: residual current device	1	4	1 to each pendant, 1 for wall mounted outlets and 1 for floor box outlets
MEEEX-016	RETURN AIR: grille, low level	1	4	
WLSH-004	SHIELDING: lead lining	1	1	to walls and doors as specified
ELBO-012	SWITCH: light, dimmer	1	4	
ELPR-007	UPS: status indicator	1	2	