

Room Name	Fluoroscopy Room	Room Number FLUO	
Revision	1		
Issue Date	29.05.2019		
BRIEFING			
Briefed Area	40.00 m ²	The use of nitrous oxide in operating theatres, procedural suites and emergency departments is declining due to a range of clinical and environmental concerns. It is, however, still commonly used in maternity and paediatric services. With the exception of maternity and paediatric services, reticulated nitrous oxide and associated scavenge outlets are to be considered optional. Where found to be clinically necessary, provision of nitrous oxide via piped outlets or via cylinder is to be determined at a project level, based on an assessment of expected clinical needs, security of gas sources, operational considerations such as monitoring and measurement of usage, and management of leakage.	
Hours of Operation	Available 24 Hours		
Occupancy	1 patient; 1 - 2 staff		
Acoustics	Acoustic privacy is required		
Remarks			
Description / Special Requirements	The Fluoroscopy Room is a room for undertaking radiographic procedures involving contrast media. General anaesthesia may be given in this room. A control room is required accessed from the Fluoroscopy Room. An Equipment Room for equipment generating noise and heat is to be considered subject to equipment manufacturer. The Control Room and Equipment Room will need to be located in close proximity due to acceptable cable lengths. Power and control cabinets may be located within the room. An accessible toilet with changing facilities and shower accessed directly from the Fluoroscopy Room is required. A preparation area with sink is required in the room. The room may be used as an overflow general x-ray room. Additional Design Requirements: Radiation shielding to walls and lead lined glass as advised by Radiation Consultant. Shielded observation window will be required where patient observation cameras are not in use. Unistrut support at ceiling level and 3000mm AFFL ceiling may be required, depending on equipment to be installed. Cable ducting between the imaging unit table, equipment and control area will be required, depending on equipment type and layout. 'X-ray in Use' warning lights will be required outside each entry door. Equipment access route clearances to be considered.		
SERVICES			
General Requirements	BODY PROTECTED	<input checked="" type="checkbox"/> CARDIAC PROTECTED	<input type="checkbox"/>
Air	AIRCONDITIONING	<input checked="" type="checkbox"/> AIRCONDITIONING: hepa filtered	<input type="checkbox"/>
	AIRCONDITIONING: positive pressure	<input type="checkbox"/> AIRCONDITIONING: negative pressure	<input type="checkbox"/>
	EXHAUST: room exhaust	<input type="checkbox"/> VENTILATION	<input type="checkbox"/>
Lighting	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"/>
Nurse Call	NURSE CALL SYSTEM	<input checked="" type="checkbox"/>	

Room Fabrics

AusHFG code	Description	Comment
CLFS-006	CEILING: plasterboard, flush set, suspended, paint, washable	
CLCN-008	CORNICE: square set flush between wall and ceiling, paint	
DWSC-034	DOOR: 1800mm c/o, double leaf, solid core, lead shielding, paint	
DWSC-005	DOOR: 910mm c/o, single leaf, solid core, lead shielding, paint	
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	floor finish must be minimum slip rating R10; Pendulum P3 or agreed equivalent to extend under basin
DWOB-009	OBSERVATION: internal window, lead glass, clear	safety glass, to control room
FLSK-010	SKIRTING: vinyl, floor vinyl coved, 150H, prefinished	
WLWA-004	WALL FINISH: paint, acrylic, washable	

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AusHFG code	Description	Comment
WLWA-010	WALL FINISH: splashback, vinyl	to prep. bench, basin & sink
WLWA-025	WALL FINISH: vinyl, to 1200 AFFL	

Fittings, Furniture and Equipment (FF&E) Items

AusHFG code	Description	Group	Qty	Comment
MMGE-002	ADAPTER: suction	3	2	
HYBA-010	BASIN: handwash, Type B	1	1	
FIJO-060	BENCH TOP: 600D, joinery under, stainless steel lipped	1	1	wet edge
FQCW-005	BIN: waste, clinical, 20L	3	1	
FQCW-016	BIN: waste, general, 20L	3	1	to basin
FIHR-011	BRACKET: for monitor, wall mounted	2	1	
FIHR-019	BRACKET: for suction bottle	2	2	wall mounted
MMMI-283	BUCKY: wall, general X-Ray	1	1	optional
FIJO-212	BULKHEAD: joinery	1	1	
MMGE-019	CHAIR: patient	3	1	
ITCL-014	CLOCK: analogue, electric	1	1	
MMMI-128	CONTROL UNIT: fluoroscopy, mobile	1	1	
FIJO-136	CUPBOARD: underbench, double door, adj shelves, lockable	1	2	
FIJO-145	CUPBOARD: wall mount, double door, adj shelves, lockable	1	2	
FIDI-001	DISPENSER: alcohol based hand rub	2	1	
FIDI-014	DISPENSER: disposable glove	2	1	
FIDI-025	DISPENSER: paper/hand towel	2	1	to basin
FIDI-030	DISPENSER: soap	2	1	to basin
FIDI-031	DISPENSER: soap antiseptic	2	1	to basin
MMMI-122	DISPLAY SCREEN: for fluoroscopy/screening	1	2	on articulated arm, ceiling mounted, no. of screens subject to equipment setup
MGFP-002	FLOWMETER: medical air	3	1	to services panel
MGFP-004	FLOWMETER: oxygen	3	2	to services panel
MMMI-121	INJECTOR: mobile, fluoroscopy/screening	1	1	optional, if angiography procedures are undertaken
LIFX-027	LIGHT: examination, ceiling mounted	1	1	
MMGE-048	LINEN CARRIER: dirty, single	3	1	
MMHA-005	MONITOR: patient, cardiac	3	1	wall mounted, can optionally be on a trolley
MMSP-036	PENDANT: single, dual arm, dual display screen	2	1	
FIHR-044	RACK: lead apron	1	1	wall mounted
MMMI-123	SHIELD: radiation, upper body, mobile, fluoroscopy/screening	1	1	
HYBA-051	SINK: single	1	1	warm water
MMMI-289	STAND: ceiling, with traverse bridge, general X-Ray	1	1	

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AusHFG code	Description	Group	Qty	Comment
MMMI-124	STAND: floor, with patient table, fluoroscopy/screening	1	1	
MMGE-100	SUCTION BOTTLE	3	2	
HYTP-037	TAPWARE: mixer, elbow levers	1	1	to basin
HYTP-038	TAPWARE: mixer, elbow levers, long	1	1	to sink
ITNE-053	TELEPHONE: handset, wall mount, handsfree	3	1	
MMGE-113	TROLLEY: dressing	3	1	
MMGE-142	TROLLEY: sharps bin	3	1	

Engineering Services

AusHFG code	Description	Group	Qty	Comment
ELBO-001	BUTTON: emergency stop	1	1	
ITCL-004	BUTTON: nurse call, emergency	1	1	on services panel
ITCL-008	BUTTON: nurse call, staff assist	1	1	on services panel
ITSE-025	DOOR RELEASE: access control, remote activation	1	1	
ELGP-208	GPO: double, wall mounted	1	2	to prep bench
ELGP-122.1	GPO: emergency power, single, on services panel (V)	1	2	
ELGP-101	GPO: single, ceiling mounted	1	1	
ELGP-105	GPO: single, on services panel	1	4	
ELGP-109	GPO: single, wall mounted	1	1	clock
ELGP-110	GPO: single, wall mounted, cleaner	1	1	
ELGP-130	GPO: UPS, single	1	1	
LIFX-002	LIGHT: illuminated sign, "X-Ray in Use"	1	2	number determined by number of doors, auto on when modality is in use
ITIN-025	OUTLET: data, double RJ45, on services panel	1	1	
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	1	to prep bench, one outlet for telephone
ITIN-016	OUTLET: data, single RJ45, wall mounted	1	1	
MGAS-022	OUTLET: medical air (MA), on services panel	1	1	on services panel
MGAS-032	OUTLET: nitrous oxide (N2O), on services panel	1	1	on services panel
MGAS-042	OUTLET: oxygen (O2), on services panel	1	2	on services panel
MGAS-053	OUTLET: scavenge, on services panel	1	1	on services panel
MGAS-062	OUTLET: suction, on services panel	1	2	on services panel
ELPR-006	RCD: residual current device	1	2	on services panel
MMSP-026	SERVICES PANEL: wall mounted	1	1	flush mounted
WLSH-004	SHIELDING: lead lining	1	1	to walls and doors as specified
ELBO-012	SWITCH: light, dimmer	1	1	to room
ELBO-015	SWITCH: light, single	1	2	to accessible change/wc/shwr.