

Room Name	CT Imaging Room		Room Number	CTIR
Revision	1			
Issue Date	29.05.2019			
BRIEFING				
Briefed Area	45.00 m <sup>2</sup>	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; up to 3 staff assisting			
Acoustics	Acoustic privacy is required			
Remarks				
Description / Special Requirements	A Room for Computed Tomography (CT) scanning procedures with an adjacent Control Room and Equipment Room. The Control Room and Equipment room will need to be located in close proximity due to acceptable cable lengths. The Control Room may serve more than one CT Imaging Room. General Anaesthesia may be administered in this room. Additional Design Considerations: Radiation shielding as advised by Radiation Consultant. Unistrut ceiling able to carry moving loads may be required. Cable ducts between Control Room and Equipment Room will be required. 'X-ray in Use' lights are required outside each entry door. Power should be on emergency supply. Dimmable lighting is optional.			
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	at 3000 mm AFFL; sound absorbing plasterboard recommended
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	
WLWA-010	WALL FINISH: splashback, vinyl	to basin
WLWA-025	WALL FINISH: vinyl, to 1200 AFFL	

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**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	
MMBE-010	BED: patient, electric with mattress	3	1	
FIJO-059	BENCH TOP: 600D, joinery under, laminate finish	1	1	
FQCW-005	BIN: waste, clinical, 20L	3	1	
FQCW-016	BIN: waste, general, 20L	3	1	to basin
FIHR-064	BRACKET: for display screen, arm mounted, rotating	2	1	
FIHR-078	BRACKET: for observation camera, wall mounted	2	2	
FIHR-019	BRACKET: for suction bottle	2	2	
ITCL-012	CAMERA: observation	2	2	
ITCL-014	CLOCK: analogue, electric	1	1	
FIJO-135	CUPBOARD: underbench, double door, adj shelves	1	1	
FIJO-184	CUPBOARD: underbench, double door, no shelves, no toeplate, lockable	1	1	
MMMI-099	DEVICE: imaging, CT	1	1	
FIDI-001	DISPENSER: alcohol based hand rub	2	1	
FIDI-014	DISPENSER: disposable glove	2	1	near door
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
MMGE-032	DISPLAY SCREEN: slave, for patient monitor	3	1	
MGFP-002	FLOWMETER: medical air	3	1	
MGFP-004	FLOWMETER: oxygen	3	2	
FIHR-030	HOOK: equipment, on mounting plate	1	1	
MMMI-107	INJECTOR: contrast, CT, ceiling mounted	1	1	
MMGE-048	LINEN CARRIER: dirty, single	3	1	
MMHA-008	MONITOR: patient, cardiac with vital signs	3	1	
FQSM-003	PEDESTAL: mobile, wire basket unit, 840H	3	2	
MMSP-035	PENDANT: single, dual arm, display screen	2	1	
MMBE-042	SLIDE: patient	3	1	
MMGE-100	SUCTION BOTTLE	3	2	
MMMI-105	TABLE: patient, fixed, CT	1	1	
HYTP-037	TAPWARE: mixer, elbow levers	1	1	
MMGE-131	TROLLEY: monitor	3	1	
MMGE-142	TROLLEY: sharps bin	3	1	
MMMI-377	WARMER: contrast	3	1	

**Engineering Services**

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AusHFG code	Description	Group	Qty	Comment
ELBO-001	BUTTON: emergency stop	1	1	
ITCL-004	BUTTON: nurse call, emergency	1	1	
ITCL-008	BUTTON: nurse call, staff assist	1	1	on services panel + indicator button & light
ITSE-025	DOOR RELEASE: access control, remote activation	1	1	
ELGP-223	GPO: emergency power, double, wall mounted	1	2	to walls
ELGP-122	GPO: emergency power, single, on services panel	1	6	on services panel
ELGP-123	GPO: emergency power, single, wall mounted	1	3	for foot pedal recharge
ELGP-109	GPO: single, wall mounted	1	1	for clock
ELGP-110	GPO: single, wall mounted, cleaner	1	1	
ELGP-133	GPO: UPS, single, on services panel	1	2	
LIFX-002	LIGHT: illuminated sign, "X-Ray in Use"	1	2	outside room entry, auto on when modality in use
ITIN-016	OUTLET: data, single RJ45, wall mounted	1	2	
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	
WLSH-004	SHIELDING: lead lining	1	1	to walls and doors as specified
ELBO-012	SWITCH: light, dimmer	1	1	
ELBO-015	SWITCH: light, single	1	1	
ELPR-007	UPS: status indicator	1	1	on services panel