

Room Name	SPECT-CT Imaging Room		Room Number SPECT-CT
<b>Revision</b>	1		
<b>Issue Date</b>	29.05.2019		
<b>BRIEFING</b>			
<b>Briefed Area</b>	48.00 m <sup>2</sup>		
<b>Hours of Operation</b>	Available 24 Hours		
<b>Occupancy</b>	1 patient; up to 3 staff assisting		
<b>Acoustics</b>	Acoustic privacy is required		
<b>Remarks</b>			
<b>Description / Special Requirements</b>	<p>A Room for SPECT/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 be shared between two SPECT/CT Scanning Rooms. The SPECT/CT room will be located with ready access to patient dosing areas. General anaesthesia may be administered in this room. Additional Design Considerations: Radiation shielding as advised by Radiation Consultant. Cable ducts between Control Room, Equipment room and imaging room will be required. Heat and noise generated by equipment to be considered for patient comfort may require equipment room. Some models of SPECT/CT require three phase power to be supplied. Observation window required where patient observation cameras are not in use. 'X-ray in Use' lights are required outside each entry door. Dimmable downlights are recommended, placed to avoid glare to patients. Equipment should be installed to manufacturer's specifications with sufficient clearance for equipment maintenance. UPS power is required to the SPECT camera and control equipment. Room temperature and humidity control is required. Consideration to be given to equipment delivery route clearances.</p>		
<b>SERVICES</b>			
<b>General Requirements</b>	BODY PROTECTED	<input checked="" type="checkbox"/>	CARDIAC PROTECTED <input type="checkbox"/>
<b>Air</b>	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"/>
<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>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	
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	optional, patient observation by camera may be considered, glazing to be AS1428 compliant safety glass

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AusHFG code	Description	Comment
FLSK-010	SKIRTING: vinyl, floor vinyl covered, 150H, prefinished	
WLWA-004	WALL FINISH: paint, acrylic, washable	
WLWA-010	WALL FINISH: splashback, vinyl	to basin, splashback material to comply with AusHFG Part D
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	
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
MMMI-272	BOARD: disconnect, mains, SPECT/CT	1	1	
MMMI-265	BOARD: distribution, mains, SPECT/CT	1	1	
MMMI-263	BOX: line connection, SPECT/CT	1	1	
FIHR-071	BRACKET: for E2/G2 cylinder, 1 cylinder	1	1	for argon
FIHR-078	BRACKET: for observation camera, wall mounted	2	2	
FIHR-019	BRACKET: for suction bottle	2	2	
FIJO-212	BULKHEAD: joinery	1	1	
ITCL-012	CAMERA: observation	2	2	
MMMI-264	CART: collimator, SPECT/CT	1	3	
ITCL-014	CLOCK: analogue, electric	1	1	
FQSM-044	CUPBOARD: mobile, double door, adjustable shelves	3	1	
FIJO-117	CUPBOARD: tall, double door, adj shelves, lockable	1	1	
FIJO-136	CUPBOARD: underbench, double door, adj shelves, lockable	1	1	
MMOP-015	CYLINDER: gas, argon	3	1	
MMMI-262	DEVICE: nuclear medicine, SPECT/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
MGFP-002	FLOWMETER: medical air	3	1	
MGFP-004	FLOWMETER: oxygen	3	2	
FIHR-029	HOOK: equipment	1	1	slide board
MMMI-100	INJECTOR: contrast, CT	1	1	optional
MMHA-032	MONITOR: patient, cardiac, SPECT/CT	3	1	

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AusHFG code	Description	Group	Qty	Comment
MMMI-273	PHANTOM: SPECT/CT	1	1	
MMBE-042	SLIDE: patient	3	1	
MMGE-100	SUCTION BOTTLE	3	2	
MMMI-267	TABLE: patient handling system, pivot, SPECT/CT	1	1	
HYTP-037	TAPWARE: mixer, elbow levers	1	1	
MMGE-142	TROLLEY: sharps bin	3	1	
MMMI-377	WARMER: contrast	3	1	
FIBM-019	WHITEBOARD: fixed, magnetic	2	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 + indicator button & light
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	
MEEX-008	EXHAUST: low level	1	1	optional
ELGP-223	GPO: emergency power, double, wall mounted	1	2	to walls
ELGP-122	GPO: emergency power, single, on services panel	1	6	
ELGP-123.1	GPO: emergency power, single, wall mounted (V)	1	2	
ELGP-109	GPO: single, wall mounted	1	1	clock
ELGP-110	GPO: single, wall mounted, cleaner	1	1	
ELGP-133	GPO: UPS, single, on services panel	1	2	
ITSE-029	INTERCOM: audio, wall mount	1	1	handsfree to control room
LIFX-002	LIGHT: illuminated sign, "X-Ray in Use"	1	2	auto on when modality is in use
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	1	on wall near SPECT/CT unit
ITIN-016	OUTLET: data, single RJ45, wall mounted	1	3	
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	optional, 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	optional, 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	patient services
WLSH-004	SHIELDING: lead lining	1	1	to walls and doors extent as specified by radiation consultant
ELBO-012	SWITCH: light, dimmer	1	2	number determined by number of doors
ELPR-007	UPS: status indicator	1	1	
ELGT-007	UPS: uninterruptable power supply unit	1	1	optional