

Room Name	PET-CT Imaging Room		Room Number PET-CT
Revision	1		
Issue Date	29.05.2019		
BRIEFING			
Briefed Area	50.00 m ²		
Hours of Operation	Available 24 Hours		
Occupancy	1 patient; up to 3 staff assisting		
Acoustics	Acoustic privacy is required		
Remarks			
Description / Special Requirements	<p>Room for Positron Emission Tomography-Computed Tomography (PET/CT) scanning procedures with a Control Room located nearby and PET/CT Equipment Room. Control Room location will be determined in part by acceptable cable lengths between Control Room and PET/CT modality. Direct adjacency to the Control Room is not essential where patients are monitored via observation cameras. Additional Design Considerations: Radiation shielding as advised by Radiation Consultant. Cable ducts between Control Room and Equipment Room will be required; consider cable lengths where control room is remote. '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 clearances for maintenance access. Consider providing a separate Equipment Room if space permits as this will enhance the acoustics in the room. Laser marker system for procedure planning may be required subject to model of care and equipment selected. Structural assessment is required to ensure the floor will be rigid with no vibration and will accommodate the weight of the PET/CT unit. UPS power is required to the PET scanning and control equipment. Room temperature and humidity control is required.</p>		
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	automated
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
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 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	on services panel
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-082	BRACKET: for observation camera, MRI compatible, wall mounted	2	3	
FIHR-019	BRACKET: for suction bottle	2	2	
FIJO-212	BULKHEAD: joinery	1	1	
MMMI-205	CAMERA: patient observation, PET/CT	1	2	
ITCL-035	CAMERA: respiratory gating	3	1	
ITCL-014	CLOCK: analogue, electric	1	1	
FIJO-218	CUPBOARD: tall, double door, adj shelves, lockable, heavy duty	1	1	
FIJO-136	CUPBOARD: underbench, double door, adj shelves, lockable	1	1	
MMMI-207	DEVICE: imaging, PET/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	on services panel
MGFP-004	FLOWMETER: oxygen	3	2	on services panel
FIHR-029	HOOK: equipment	1	2	
MMMI-100	INJECTOR: contrast, CT	1	1	optional
MMMI-218	LASER: positioning lights, PET/CT	2	1	
FIJO-213	PANEL: joinery carcass end	1	3	
MMMI-209	PHANTOM: PET/CT	1	1	stored within shielded custom joinery
MMBE-042	SLIDE: patient	3	2	
MMGE-091	SPHYGMOMANOMETER: portable	3	1	
MMGE-100	SUCTION BOTTLE	3	2	
MMMI-217	TABLE: patient, fixed, PET/CT	1	1	
HYTP-037	TAPWARE: mixer, elbow levers	1	1	

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AusHFG code	Description	Group	Qty	Comment
ITNE-053	TELEPHONE: handset, wall mount, handsfree	3	1	
MMGE-142	TROLLEY: sharps bin	3	1	
MMMI-377	WARMER: contrast	3	1	optional

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
MEGE-007	CONTROL PANEL: temperature	1	1	
ITSE-025	DOOR RELEASE: access control, remote activation	1	1	
ITIN-143	FLOORBOX: for power, data, AV, flush mounted	1	2	
ELGP-203	GPO: double, in floorbox	1	4	
ELGP-208	GPO: double, wall mounted	1	2	
ELGP-223	GPO: emergency power, double, wall mounted	1	2	to walls
ELGP-122	GPO: emergency power, single, on services panel	1	6	on service panel
ELGP-123.1	GPO: emergency power, single, wall mounted (V)	1	2	
ELGP-101	GPO: single, ceiling mounted	1	1	1-laser positioning light
ELGP-109	GPO: single, wall mounted	1	1	1-clock
ELGP-110	GPO: single, wall mounted, cleaner	1	1	
ELGP-133	GPO: UPS, single, on services panel	1	2	on service panel
ITSE-029	INTERCOM: audio, wall mount	1	1	handsfree to control room
LIFX-003	LIGHT: illuminated sign, "Laser in Use"	1	2	
LIFX-002	LIGHT: illuminated sign, "X-Ray in Use"	1	3	to outside of all doors to room, auto on when modality is in use
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	1	on wall near PET-CT unit
ITIN-016	OUTLET: data, single RJ45, wall mounted	1	5	
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 room doors, walls, (ceiling) as required by radiation consultant design and specification
ELBO-012	SWITCH: light, dimmer	1	3	number determined by number of doors
ELPR-007	UPS: status indicator	1	1	on service panel