Room Name	SPECT-CT Control Room	Room Number SPECT-CTCR

Revision	2
Issue Date	24.06.2022

BRIEFING

Briefed Area	14.00 m^2
Hours of Operation	Available 24 hours
Occupancy	Up to 3 staff
Acoustics	Acoustic privacy required
Remarks	
Description / Special Requirements	

The SPECT-CT Control room is located adjacent to the SPECT-CT Imaging Room, with direct visibility to the patient, for remote control of equipment with audio and visual contact with the patient via cameras, speakers and microphones. Each Imaging Room requires a Control Room. Cable pathways for services between the Control Room, Equipment Room and Imaging Room must be established and coordinated prior to construction and developed based on vendor requirements. Equipment is to be installed to manufacturer's specifications with sufficient clearances for maintenance access.

Radiation shielding is to be as advised by a qualified Radiation Consultant to suit the practice, workload and equipment procured, and all shielding on the Standard Component is indicative only.

Additional Considerations:

- The need for and extent of emergency power and UPS must be reviewed to suit site specific requirements. UPS power is required to the SPECT-CT scanning and control equipment. Other emergency power and UPS requirements to be confirmed based on risk assessment considering the impact of a power outage on patient care/ safety. Some models of SPECT/CT require three phase power to be supplied.

- Cable management and the potential for computers to be consolidated into a rack (either within the room or in a dedicated, collocated air conditioned room/cupboard) to be determined at project level.

- Provision of a height adjustable workstation may be considered depending on local policies and staff accessibility requirements.

SERVICES

Electrical

BODY PROTECTED	CARDIAC PROTECTED ☐	☐

HVAC

AIRCONDITIONING	AIRCONDITIONING: hepa filtered ✓	☐
AIRCONDITIONING: positive pressure	AIRCONDITIONING: negative pressure ☐	☐
EXHAUST: room exhaust	VENTILATION ☐	☐

Lighting

LIGHTING: colour corrected	LIGHTING: dimmable ☐	✓
LIGHTING: downlights	LIGHTING: downlights, dimmable ☐	☐
LIGHTING: fluorescent/LED, downlights	LIGHTING: fluorescent/LED, flush with ceiling, tamper proof ☐	☐
LIGHTING: fluorescent/LED, general	LIGHTING: indirect ✓	☐

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Security / Nurse Call	NURSE CALL SYSTEM	☐

Room Fabrics

AusHFG code	Description	Comment
CLTI-002	CEILING: acoustic, drop-in tiles, 600 x 1200	
CLCN-009	CORNICE: wall trim fixing	
DWGL-005	DOOR: 910mm c/o, single leaf, observation panel, solid core/glass, paint	
DWSC-005	DOOR: 910mm c/o, single leaf, solid core, lead shielding, paint	
DWPR-005	DOOR PROTECTION: protection plate to 900 AFFL	
FLVY-007	FLOOR FINISH: vinyl, seamless, coved, standard slip resistant	
DWOB-009	OBSERVATION: internal window, lead glass, clear	safety glass
FLSK-010	SKIRTING: vinyl, floor vinyl coved, 150H, prefinished	
WLWA-004	WALL FINISH: paint, acrylic, washable	

Fittings, Furniture and Equipment (FF&E) Items

AusHFG code	Description	Group	Qty	Comment
FIJO-031	BENCH: 750D, open under, laminate finish	1	2	
FQCW-016	BIN: waste, general, 20L	3	1	
DWWD-004	BLIND: roller	3	1	to observation window for patient privacy
FIHR-075	BRACKET: for computer CPU, underdesk mounted	2	2	
FIHR-070	BRACKET: for display screen, dual, desk mounted	3	1	
FIHR-066	BRACKET: for display screen, wall mounted, articulated, adj height	2	1	
FQBS-018	CHAIR: office, ergonomic	3	2	
ITNE-007	COMPUTER: desktop, with display screen	3	1	
ITNE-068	COMPUTER: hi performance, for clinical / PACS use, CPU, underbench mount	3	1	
MMMI-269	COMPUTER: tower, acquisition, SPECT/CT	1	1	
MMMI-274	CONSOLE: control, SPECT/CT	1	1	
FIDI-001	DISPENSER: alcohol based hand rub	2	1	
FIDI-014	DISPENSER: disposable glove	2	1	
MMMI-369	DISPLAY SCREEN: contrast injector	2	1	optional
ITNE-070	DISPLAY SCREEN: PACS	3	2	
MMGE-032	DISPLAY SCREEN: slave, for patient monitor	3	1	optional
ITNE-067	KEYBOARD: keyboard and mouse only	3	1	
ITAV-014	MICROPHONE: surface mounted, gooseneck	2	1	communication with patient, on bench required if integrated intercom system not provided by equipment manufacturer
FQSM-007	PEDESTAL: mobile, drawer unit, 660H	3	1	
FQGE-056	PRINTER: desktop, labels	3	1	
FIHR-044	RACK: lead apron	1	1	
FQGE-094	SCANNER: desktop, document, upright	3	1	

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AusHFG code	Description	Group	Qty	Comment
ITAV-057	SPEAKER: ceiling recessed	2	1	communication with patient, on bench required if integrated intercom system not provided by equipment manufacturer
ITNE-049	TELEPHONE: handset, desktop	3	1	
FIBM-019	WHITEBOARD: fixed, magnetic	2	1	
FQDW-054	WORKSTATION: straight, adj height, 1600W x 750D x 750H nom.	3	1	

Engineering Services

AusHFG code	Description	Group	Qty	Comment
ELBO-001	BUTTON: emergency stop	1	1	mains power, consult manufacturer for safety and compatibility with equipment.
ITCL-004	BUTTON: nurse call, emergency	1	1	
ITCL-008	BUTTON: nurse call, staff assist	1	1	
ELGP-208	GPO: double, wall mounted	1	1	one for printer
ELGP-223	GPO: emergency power, double, wall mounted	1	4	
ELGP-123	GPO: emergency power, single, wall mounted	1	1	
ELGP-110	GPO: single, wall mounted, cleaner	1	1	
ELGP-135	GPO: UPS, single, wall mounted	1	5	
LIFX-002	LIGHT: illuminated sign, "X-Ray in Use"	1	1	auto on when modality is in use
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	4	
ITIN-016	OUTLET: data, single RJ45, wall mounted	1	3	1 outlet for display screen, patient monitor slave; one outlet for telephone
ELBO-012	SWITCH: light, dimmer	1	2	