



SPECT-CT Control Room

Room Code	SPECT-CTCR
Briefed Area	14.00 m ²
Ceiling Height	2.7 m
Occupancy	up to 3 staff
Hours of Operation	8am to 8pm, daily (dependent on unit operating hours)

Description | 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.

Electrical | PROTECTION: body protected ☐
PROTECTION: cardiac protected ☐

Lighting | LIGHTING: general ☒
LIGHTING: colour corrected ☐
LIGHTING: dimmable ☒
LIGHTING: indirect ☐

Nurse Call and Duress | NURSE CALL SYSTEM: buttons / handset ☐

HVAC | AIRCONDITIONING: general ☒
AIRCONDITIONING: HEPA filtered ☐
AIRCONDITIONING: positive pressure ☐
AIRCONDITIONING: negative pressure ☐
VENTILATION: exhaust ☐
VENTILATION: natural ☐

Additional Considerations

- 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.
- 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.



Doors and Windows

CODE	DESCRIPTION	COMMENT
DOHI-003.02	DOOR: hinged, 1 leaf, 900 clear opening, solid, shielded	[DWSC-005] to imaging room
AFDPR-006.01	DOOR PROTECTION: plate, to 900H	[DWPR-005] to control room side
AFDPR-006.01	DOOR PROTECTION: plate, to 900H	[DWPR-005] to imaging room side
DOHI-013.01	DOOR: hinged, 1 leaf, 900 clear opening, solid, standard vision panel	[DWGL-005]
AFDPR-006.01	DOOR PROTECTION: plate, to 900H	[DWPR-005] to corridor side, extent dependent on movement of beds and mobile equipment in adjacent area; to be coordinated with corridor wall protection
AFDPR-006.01	DOOR PROTECTION: plate, to 900H	[DWPR-005] to control room side

CODE	DESCRIPTION	COMMENT
WIFX-007.03	WINDOW: fixed, internal, single glazed, sill at 900H, shielded, lead glass	[DWOB-009]
AHWCV-001	WINDOW COVERING: blind, roller, single	[DWW-004] to observation window for patient privacy



Finishes

CODE	DESCRIPTION	COMMENT
FLVY-101	FLOOR FINISH: vinyl, seamless, standard slip resistance	[FLVY-007]
FLSK-021	SKIRTING: vinyl, integral with floor vinyl, coved	[FLSK-010]
WLFI-001	WALL FINISH: paint	[WLWA-004]
CLTI-022.02	CEILING: drop-in tiles, acoustic, prefinished, 600 x 1200	[CLTI-002]
CLCN-041	CORNICE: wall trim fixing, prefinished	[CLCN-009]



Joinery

CODE	DESCRIPTION	GROUP	QTY	COMMENT
JOBE-061	BENCH: 750D, laminate	①	2	[FIJO-031]



Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIBM-019	WHITEBOARD: fixed, magnetic	②	1	[FIBM-019]
FIDI-106	DISPENSER: PPE, disposable gloves, wall mounted	②	1	[FIDI-014]
FIDI-241	DISPENSER: alcohol-based hand rub, wall mounted	②	1	[FIDI-001]
FIHR-126	RACK: lead apron, multi, wall mounted	②	1	[FIHR-044]
FIHR-201	BRACKET: central processing unit (CPU), under bench/desk	②	2	[FIHR-075]
FIHR-221	BRACKET: computer display screen, dual, articulated, bench/desk mounted	②	1	[FIHR-070]
FIHR-341	BRACKET: display screen, single, articulated, wall mounted	②	1	[FIHR-066]
FQBS-171	CHAIR: office, ergonomic	③	2	[FQBS-018]
FQDW-134.04	WORKSTATION: straight, adjustable height, 720H nom, 750D x 1600W	③	1	[FQDW-054]
FQSM-063	PEDESTAL: mobile, 660H nominal, 3 equal drawers	③	1	[FQSM-007]
FQWS-051	BIN: general waste, 20L	③	1	[FQCW-016]
ITAV-146	MICROPHONE: AV system, surface mounted, gooseneck	③	1	[ITAV-014] communication with patient, on bench required if integrated intercom system not provided by equipment manufacturer
ITAV-152	SPEAKER: AV system, ceiling recessed	①	1	[ITAV-057] communication with patient, on bench required if integrated intercom system not provided by equipment manufacturer
ITNE-071	TELEPHONE: handset, desktop	③	1	[ITNE-049]
ITNE-101	COMPUTER: single display screen, central processing unit (CPU), keyboard and mouse, desktop	③	1	[ITNE-007]
ITNE-153	COMPUTER: central processing unit (CPU), PACS	③	1	[ITNE-068]
ITNE-172	DISPLAY SCREEN: computer, PACS	③	2	[ITNE-070]
ITNE-201	INPUT DEVICE: keyboard and mouse	③	1	[ITNE-067]

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ITNE-316	PRINTER: labels, small, desktop	③	1	[FQGE-056]
ITNE-342	SCANNER: desktop, document, upright, desktop	③	1	[FQGE-094]
MMPM-051	MONITOR: patient, slave, remote monitoring and control	③	1	[MMGE-032] optional



Major Medical Equipment (MME)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
MIGE-046	CONTROL CONSOLE: contrast injector, touch screen	②	1	[MMMI-369] optional
MISP-011	CONTROL CONSOLE: SPECT-CT, dual display screens, keyboard and mouse, control unit, microphone and speaker, desktop	②	1	[MMMI-274]
MISP-016	COMPUTER: SPECT-CT, central processing unit (CPU)	②	1	[MMMI-269]



Engineering Services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-105	GPO: single, wall mounted, cleaner	①	1	[ELGP-110]
ELGP-131	GPO: single, emergency power, wall mounted	①	1	[ELGP-123]
ELGP-161	GPO: single, UPS, wall mounted	①	5	[ELGP-135]
ELGP-201	GPO: double, wall mounted	①	1	[ELGP-208] to printer
ELGP-231	GPO: double, emergency power, wall mounted	①	4	[ELGP-223]
ELSW-021	SWITCH: light, dimmer	①	2	[ELBO-012]
ELSW-121	BUTTON: emergency stop, wall mounted	①	1	[ELBO-001] mains power, consult manufacturer for safety and compatibility with equipment.
ITCL-181	BUTTON: nurse call, staff assist, with cancel, wall mounted	①	1	[ITCL-008]
ITCL-191	BUTTON: nurse call, emergency, with cancel, wall mounted	①	1	[ITCL-004]
ITIN-016	OUTLET: data, single RJ45, wall mounted	①	3	[ITIN-016] 1 outlet for display screen, patient monitor slave; one outlet for telephone
ITIN-026	OUTLET: data, double RJ45, wall mounted	①	4	[ITIN-026]
LIFX-213	LIGHT: illuminated sign, x-ray in use	①	1	[LIFX-002] auto on when modality is in use

For guidance on how to use the Room Data Sheet, please visit the [AusHFG website](#).