



Patient Bay - Emergency, Resuscitation

Room Code	PTB-E-RES
Briefed Area	25.00 m ²
Ceiling Height	3.0 m
Occupancy	1 patient; 5-8 staff
Hours of Operation	24 hours

Description | The Patient Bay - Emergency, Resuscitation provides the space and facilities for assessment, resuscitation, treatment and observation of patients with critical conditions and injuries within the Emergency Unit.

Electrical	PROTECTION: body protected	☒	HVAC	AIRCONDITIONING: general	☒
	PROTECTION: cardiac protected	☐		AIRCONDITIONING: HEPA filtered	☐
Lighting	LIGHTING: general	☒		AIRCONDITIONING: positive pressure	☐
	LIGHTING: colour corrected	☒		AIRCONDITIONING: negative pressure	☐
	LIGHTING: dimmable	☐		VENTILATION: exhaust	☐
	LIGHTING: indirect	☐		VENTILATION: supply	☐
Nurse Call and Duress	NURSE CALL SYSTEM: buttons / handset	☒	Medical Gas	VENTILATION: natural	☐
	NURSE CALL SYSTEM: annunciator	☐		MEDICAL GAS: general anaesthesia	☐
	DURESS: fixed	☒		MEDICAL GAS: special care	☐
	DURESS: wireless coverage	☐		MEDICAL GAS: special care, neonatal ventilation	☐
Security	ACCESS CONTROL: to door	☐	Hydraulic	MEDICAL GAS: birthing	☐
	ACCESS CONTROL: to item / joinery	☒		WATER: drinking	☐
	INTERCOM: service communications	☐		WATER: specialty	☐
	INTERCOM: security and access control	☐		DRAINAGE: sanitary	☐
	CCTV: camera coverage within room	☐	Fire	DRAINAGE: specialty	☐
	INTRUSION DETECTION: door monitoring	☐		DETECTION: smoke	☐
	INTRUSION DETECTION: spatial monitoring	☐	Shielding	DETECTION: heat	☐
ICT and Audio Visual	AUDIO VISUAL: patient entertainment system	☐		SHIELDING: ionising radiation	☐
	AUDIO VISUAL: visitor experience system	☐	Acoustics	SHIELDING: magentic and radio frequency	☐
	AUDIO VISUAL: virtual collaboration system	☒		SPEECH PRIVACY:	
	AUDIO VISUAL: clinical support system	☒		not private moderate private confidential	
	AUDIO VISUAL: digital operating room system	☐		NOISE SENSITIVITY:	
Accessibility	AUDIO: hearing augmentation	☐		not sensitive medium sensitive sensitive	
	VISUAL: luminance contrast	☒		NOISE GENERATION:	
	SIGNAGE: accessible, statutory	☐		low moderate high very high	

Additional Considerations

- The requirement for body protection or cardiac protection within the Patient Bay - Emergency, Resuscitation, in accordance with AS/NZS 3003, is to be confirmed at project level based on the medical procedures to be undertaken in the space and the level of protection against electric shock afforded in the medical electrical equipment available for these procedures.
- Clear area is required to both sides of the patient bed to accommodate an ambulance trolley and the staff required to assist/ complete patient transfers. Work health and Safety (WHS) policies and patient transfer devices that are intended to be used should be confirmed at project level. Ceiling mounted patient lifting tracks may be considered based on local WHS policies.
- Use of mobile imaging equipment within the resuscitation bay is to be confirmed at project level. Radiation shielding and signage requirements will need to be assessed and advised by a qualified Radiation Consultant to meet relevant legislation and local radiation safety policies.

- Clinical requirements and models of care for paediatric and neonatal patients are to be confirmed at project level. One resuscitation bay may be assigned for use with paediatric and neonatal patients and hold the required equipment (e.g. resuscitation trolleys and warming equipment) and consumables. Alternatively, equipment and consumables for paediatric and neonatal patients may be stored in a central shared zone to be brought to resuscitation bays as required.
- Clinical requirements and models of care for trauma services, and their resulting spatial requirements are to be confirmed at project level.
- The content and configuration of the medical services pendant, including medical gases, power and data, will be dependent on clinical service requirements and medical equipment selection and is to be confirmed at project level. A medical services panel may be provided in lieu of a medical services pendant, depending on models of care and subject to consultation and confirmation with Emergency Department clinicians.
- Provision of reticulated nitrous oxide is optional and must be confirmed to suit local jurisdictional policies and operational service requirements. The use of nitrous oxide is declining due to a range of clinical and environmental concerns. Reticulated systems have been found to increase leakage of nitrous oxide (a potent greenhouse gas) to atmosphere, can increase facility operating costs and potentially expose staff to nitrous oxide. Reticulated nitrous oxide and associated scavenge outlets are not mandatory for any healthcare service and point of care cylinders can meet clinical requirements for the majority of healthcare facilities. Due consideration must be given to a range of operational considerations including monitoring and measurement of usage, management of leakage, WHS requirements relating to the use of cylinders, approach to the provision of scavenge where cylinders are used, appropriate storage for cylinders, and security of gas sources given it is used as a recreational drug.
- Enclosing the Patient Bay - Emergency, Resuscitation may be considered at project level. Where a bay is enclosed, sliding glazed doors that support observation are advised.
- Where a resuscitation bay is enclosed for use as a negative pressure isolation room, an anteroom and an ensuite will be required. A negative pressure room will also have specific air handling and grille location requirements, and these are to be confirmed at project level to suit local engineering services guidance. Provision of negative pressure isolation rooms will be dependent on jurisdictional requirements, service level and patient profile and must be confirmed at project level.
- Direct access from ambulance arrivals or a diagnostic imaging room to a Patient Bay - Emergency, Resuscitation may be provided depending on clinical services requirements and operational models. Provision of an additional point of entry to the resuscitation bay will require coordination with ceiling and wall mounted equipment.
- Personal protective equipment (PPE) is to be in readily accessible locations between resuscitation bays. Refer to Part D: Infection Prevention and Control for more information.
- Patient monitoring and display screen requirements (e.g. for patient information, review of medical imaging, emergency decision support tool, etc.) are to be confirmed at project level to suit clinical service requirements and local ICT policies.
- Provision of cameras for education and/or to enable remote assistance in small services is dependent on clinical services requirements and local ICT policies.
- Close access is required to linen bays and blanket warming cabinets.
- Mobile duress coverage is to be assessed and planned at a department level and coverage of all patient bays is to suit local security and WHS policies and operational service requirements.
- The type, extent and configuration of storage within the room for stationery and consumables will be dependent on service requirements and operational models. This includes considering the facility's use of electronic medical records (EMR) as well as remaining paper forms.
- Size, type and quantity of waste bins, including sharps bins, will be dependent on clinical service requirements, operational models for waste management and local infection prevention and control (IPC) policies.
- Provision of emergency/standby power or uninterruptible power supply (UPS) is to be confirmed to suit site and service requirements. Confirmation to be based on risk assessment considering the impact of a power outage on patient care/safety.
- Provision of cleaner's power outlets is to be rationalised across the department and spaced in accordance with AS/NZS 3003.



Finishes

CODE	DESCRIPTION	COMMENT
FLVY-101	FLOOR FINISH: vinyl, seamless, standard slip resistance	floor finish must be minimum slip rating R10/ Pendulum P3 or agreed equivalent to extend under basin and eye wash station or an inset section of non-slip vinyl is required
FLSK-021	SKIRTING: vinyl, integral with floor vinyl, coved	
WLFI-002	WALL FINISH: paint, clinical areas	
WLFI-011.06	WALL FINISH: vinyl, to 2100 AFFL	
WLFI-101	SPLASHBACK: vinyl	to basin

CODE	DESCRIPTION	COMMENT
WLPR-006.06	WALL PROTECTION: corner guards, to 2100 AFFL	
CLFS-011	CEILING: flush set, suspended	
CLFI-002	CEILING FINISH: paint, clinical areas	
CLCN-031	CORNICE: square set	
WLPR-046.03	WALL PROTECTION: crash rail, to 900 AFFL	



Joinery

CODE	DESCRIPTION	GROUP	QTY	COMMENT
JOBE-031	BENCH: 600D, laminate	①	1	
JOBE-211	BENCH SUPPORT: bracket	①	3	
JOBE-251	CAP: cable access	①	1	to write-up workstation



Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIBM-019	WHITEBOARD: fixed, magnetic	②	1	
FIDI-101	DISPENSER: PPE, disposable masks, wall mounted	②	1	provided in addition to PPE bays shared between resuscitation bays
FIDI-106	DISPENSER: PPE, disposable gloves, wall mounted	②	1	provided in addition to PPE bays shared between resuscitation bays
FIDI-231	DISPENSER: paper towel, wall mounted	②	1	to basin
FIDI-241	DISPENSER: alcohol-based hand rub, wall mounted	②	1	
FIDI-256	DISPENSER: soap, wall mounted	②	1	to basin
FIDI-261	DISPENSER: soap, antiseptic, wall mounted	②	1	to basin
FIHR-113	BRACKET: sharps bin, trolley mounted	②	1	to resuscitation trolley
FIHR-151	PANEL: storage baskets, wall mounted	②	2	type and extent of storage for consumables to suit clinical service requirements, operational models for stock centralisation/decanting and local IPC policies
FIHR-212	BRACKET: computer display screen, single, articulated, wall mounted	②	1	optional; required if decision support tool display screen provided
FIHR-331	BRACKET: television/AV system display screen, single, fixed, wall mounted	②	1	optional; required if patient information and diagnostic imaging display provided
FIHR-403	BRACKET: patient monitor, fixed, ceiling mounted	②	1	to slave patient monitor
FIRT-051	TRACK: curtain, privacy	①	1	
FIRT-091	TRACK: IV, ceiling mounted	①	1	to be coordinated with procedure light and medical services pendant; may alternatively be provided as pendant mounted or mobile IV poles
FQBS-203	STOOL: clinical areas, mobile, high	③	1	
FQCL-211	LINEN CARRIER: dirty, single skip	③	1	
FQGE-101	CURTAIN: privacy screen	③	1	
FQGE-112	BASKET: storage, for wall mounted panel, small	③	8	type and extent of storage for consumables to suit clinical service requirements, operational models for stock centralisation/decanting and local IPC policies
FQSM-057	PEDESTAL: mobile, 840H nominal, 4 equal wire basket drawers	③	4	type and extent of storage for consumables to suit clinical service requirements,

CODE	DESCRIPTION	GROUP	QTY	COMMENT
				operational models for stock centralisation/decanting and local IPC policies
FQWS-003	BIN: sharps, clinical, medium	③	1	to resuscitation trolley; size to suit clinical requirements, local IPC policies and operational models for frequency of disposal
FQWS-053	BIN: general waste, 50L	③	1	size, type, quantity and distribution of waste bins will be dependent on clinical service requirements, operational models for waste management and local IPC policies
FQWS-233	BIN: clinical waste, 50L	③	1	size, type, quantity and distribution of waste bins will be dependent on clinical service requirements, operational models for waste management and local IPC policies
HYBA-101	BASIN: type A, handwashing	①	1	location of thermostatic mixing valve to be determined based on ability to share with nearby basins
HYTP-067	TAPWARE: basin, tap set, wall mounted, lever handles	①	1	selection of basin and tapware should be coordinated to ensure compatibility
ITBU-482	CLOCK: digital display, with time and elapsed time, electric, synchronised slave, wired internet protocol (IP), wall recessed	①	1	
ITCL-351	DISPLAY SCREEN: patient treatment information	①	1	optional; for decision support tool display; provision and placement dependent on clinical service requirements
ITCL-351	DISPLAY SCREEN: patient treatment information	①	1	optional; for patient information and diagnostic imaging display; provision and placement dependent on clinical service requirements
ITCL-431	CAMERA: patient observation, ceiling mounted	①	2	optional; for education and/or to enable remote assistance in small services; provision, quantity and placement is dependent on clinical services requirements and local ICT policies
ITNE-076	TELEPHONE: handset, wall mounted	②	1	to write-up workstation
ITNE-102	COMPUTER: dual display screens, central processing unit (CPU), keyboard and mouse, desktop	③	1	to write-up workstation; provision of articulated wall or bench mounted brackets may be considered to support ergonomics and orientation of workstation for visibility of patient.
LIFX-131	LIGHT: procedure, articulated, ceiling mounted	①	1	to be coordinated with ceiling mounted IV track and medical services pendant
MMBE-111	BED: patient, electric, with mattress, emergency	③	1	
MMGE-039	HANGER: IV, for ceiling track	③	1	
MMGE-045	POLE: IV, mobile	③	1	
MMHA-002	DEVICE: defibrillator	③	1	to resuscitation trolley
MMHA-031	TROLLEY: resuscitation, adult	③	1	
MMHA-032	TROLLEY: resuscitation, paediatric	③	1	optional; may alternatively be provided in a shared area between resuscitation bays or in a dedicated resuscitation bay
MMPH-001	SAFE: dangerous drugs, wall mounted, small	①	1	optional, may be provided in a shared area between resuscitation bays; provision in bay will be dependent on operational models for medication management
MMPH-021	FRIDGE: medication/ vaccine, 150L nom, single door under bench	③	1	optional, may be provided in a shared area between resuscitation bays; provision in bay will be dependent on operational models for medication management
MMPM-051	MONITOR: patient, slave	③	1	display from patient monitor on medical services pendant
MMTR-053	TROLLEY: airway/intubation, 750W x 490D x 900H nom	③	1	
MMTR-092	TROLLEY: procedure, 600W x 490D x 900H nom	③	1	



Engineering Services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-105	GPO: single, wall mounted, cleaner	①	1	as required for distribution across the unit in accordance with AS/NZS 3003
ELGP-131	GPO: single, emergency power, wall mounted	①	1	optional; required for medication fridge if provided
ELGP-136	GPO: single, emergency power, ceiling mounted	①	1	to slave patient monitor
ELGP-231	GPO: double, emergency power, wall mounted	①	6	2 over bench; 4 distributed across the room for medical equipment
ELGP-231	GPO: double, emergency power, wall mounted	①	1	optional; required if decision support tool display screen provided
ELGP-231	GPO: double, emergency power, wall mounted	①	1	optional; required if patient information and diagnostic imaging display provided
ELGP-231	GPO: double, emergency power, wall mounted	①	2	to write-up workstation
ELPR-011	MONITOR: line isolation, wall mounted	①	1	
ELPR-081	RCD: residual current device, emergency power, wall mounted	①	4	quantity and type to be confirmed to suit final power provisions
ELSW-001	SWITCH: light	①	1	for general room lights; to write-up workstation
ITBU-436	CONTROL PANEL: time and elapsed time, synchronised slave clock	①	1	to write-up workstation
ITIN-011	OUTLET: data, single RJ45, ceiling mounted	①	1	to slave patient monitor
ITIN-016	OUTLET: data, single RJ45, wall mounted	①	1	optional; required for medication fridge if provided; for temperature monitoring BMS connection
ITIN-026	OUTLET: data, double RJ45, wall mounted	①	1	optional; required if patient information and diagnostic imaging display provided
ITIN-026	OUTLET: data, double RJ45, wall mounted	①	1	optional; required if decision support tool display screen provided
ITIN-036	OUTLET: data, triple RJ45, wall mounted	①	1	to write-up workstation
ITSE-261	READER: security, access control, proximity card, wall mounted	①	1	optional; to drug safe if provided



Medical Services Panels and Pendants

CODE	DESCRIPTION	GROUP	QTY	COMMENT
Pendant 1				
MMSP-102	MEDICAL SERVICES PENDANT: single arm, vertical services head	②	1	content and configuration to be confirmed based on clinical service requirements and medical equipment selection
Pendant 1 - Arm 1				
ELGP-151	GPO: single, emergency power, on services pendant	①	1	to patient monitor
ELGP-151	GPO: single, emergency power, on services pendant	①	8	
ELGP-181	GPO: single, UPS, on services pendant	①	4	
ELPR-034	PANEL: UPS status indicator, on services pendant	①	1	
FIHR-104	BRACKET: suction bottle, pendant mounted	②	3	
FIHR-411	BRACKET: patient monitor, articulated, pendant mounted	②	1	connected to ceiling mounted slave patient monitor
FIHR-423	BRACKET: ventilator, pendant mounted	②	1	
ITCL-135	BUTTON: nurse call, patient to staff call, with cancel, with handset connection point, on services pendant	①	1	

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ITCL-185	BUTTON: nurse call, staff assist, with cancel, on services pendant	①	1	
ITCL-195	BUTTON: nurse call, emergency, with cancel, on services pendant	①	1	
ITCL-251	HANDSET: nurse call, patient to staff call	①	1	with holder and cable management items as required
ITIN-014	OUTLET: data, single RJ45, on services pendant	①	1	to patient monitor
ITIN-034	OUTLET: data, triple RJ45, on services pendant	①	2	
MGAS-021	OUTLET: medical air, on services pendant	①	1	
MGAS-031	OUTLET: nitrous oxide (N2O), on services pendant	①	1	optional; provision of reticulated nitrous oxide to be confirmed to suit clinical service requirements and operational models
MGAS-041	OUTLET: oxygen (O2), on services pendant	①	3	
MGAS-051	OUTLET: scavenge, on services pendant	①	1	optional; required if reticulated nitrous oxide provided; provision of reticulated nitrous oxide to be confirmed to suit clinical service requirements and operational models
MGAS-061	OUTLET: suction, on services pendant	①	3	
MGFP-021	FLOWMETER: medical air	③	1	
MGFP-041	FLOWMETER: oxygen	③	3	
MGFP-051	ADAPTER: scavenge	③	1	
MGFP-061	ADAPTER: suction	③	3	
MMGE-191	CANNISTER: suction bottle	③	3	
MMGE-235	DIAGNOSTIC SET: otoscope and ophthalmoscope, pendant mounted	②	1	configuration of equipment to be confirmed to suit clinical services requirements
MMGE-291	DEVICE: pump, infusion, single	③	1	
MMGE-296	DEVICE: pump, syringe	③	1	
MMHA-051	DEVICE: ventilator, adult	③	1	
MMPM-021	MONITOR: patient, high acuity	③	1	configuration of monitoring to be confirmed to suit clinical services requirements; connected to ceiling mounted slave patient monitor