



Patient Bay - Emergency, Resuscitation

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|--------------------|----------------------|
| 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 | <input checked="" type="checkbox"/> | HVAC | AIRCONDITIONING: general | <input checked="" type="checkbox"/> |
| | PROTECTION: cardiac protected | <input type="checkbox"/> | | AIRCONDITIONING: HEPA filtered | <input type="checkbox"/> |
| Lighting | LIGHTING: general | <input checked="" type="checkbox"/> | | AIRCONDITIONING: positive pressure | <input type="checkbox"/> |
| | LIGHTING: colour corrected | <input checked="" type="checkbox"/> | | AIRCONDITIONING: negative pressure | <input type="checkbox"/> |
| | LIGHTING: dimmable | <input type="checkbox"/> | | VENTILATION: exhaust | <input type="checkbox"/> |
| | LIGHTING: indirect | <input type="checkbox"/> | | VENTILATION: supply | <input type="checkbox"/> |
| Nurse Call and Duress | NURSE CALL SYSTEM: buttons / handset | <input checked="" type="checkbox"/> | Medical Gas | VENTILATION: natural | <input type="checkbox"/> |
| | NURSE CALL SYSTEM: annunciator | <input type="checkbox"/> | | MEDICAL GAS: general anaesthesia | <input type="checkbox"/> |
| | DURESS: fixed | <input checked="" type="checkbox"/> | | MEDICAL GAS: special care | <input type="checkbox"/> |
| | DURESS: wireless coverage | <input type="checkbox"/> | | MEDICAL GAS: special care, neonatal ventilation | <input type="checkbox"/> |
| Security | ACCESS CONTROL: to door | <input type="checkbox"/> | Hydraulic | MEDICAL GAS: birthing | <input type="checkbox"/> |
| | ACCESS CONTROL: to item / joinery | <input checked="" type="checkbox"/> | | WATER: drinking | <input type="checkbox"/> |
| | INTERCOM: service communications | <input type="checkbox"/> | | WATER: specialty | <input type="checkbox"/> |
| | INTERCOM: security and access control | <input type="checkbox"/> | | DRAINAGE: sanitary | <input type="checkbox"/> |
| | CCTV: camera coverage within room | <input type="checkbox"/> | Fire | DRAINAGE: specialty | <input type="checkbox"/> |
| | INTRUSION DETECTION: door monitoring | <input type="checkbox"/> | | DETECTION: smoke | <input type="checkbox"/> |
| ICT and Audio Visual | INTRUSION DETECTION: spatial monitoring | <input type="checkbox"/> | Shielding | DETECTION: heat | <input type="checkbox"/> |
| | AUDIO VISUAL: patient entertainment system | <input type="checkbox"/> | | SHIELDING: ionising radiation | <input type="checkbox"/> |
| | AUDIO VISUAL: visitor experience system | <input type="checkbox"/> | Acoustics | SHIELDING: magentic and radio frequency | <input type="checkbox"/> |
| | AUDIO VISUAL: virtual collaboration system | <input checked="" type="checkbox"/> | | SPEECH PRIVACY: | |
| | AUDIO VISUAL: clinical support system | <input checked="" type="checkbox"/> | | not private moderate private confidential | |
| Accessibility | AUDIO VISUAL: digital operating room system | <input type="checkbox"/> | | NOISE SENSITIVITY: | |
| | AUDIO: hearing augmentation | <input type="checkbox"/> | | not sensitive medium sensitive sensitive | |
| | VISUAL: luminance contrast | <input checked="" type="checkbox"/> | | NOISE GENERATION: | |
| | SIGNAGE: accessible, statutory | <input type="checkbox"/> | | 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 patient information and diagnostic imaging display; provision and placement dependent on clinical service requirements |
| ITCL-351 | DISPLAY SCREEN: patient treatment information | ① | 1 | optional; for decision support tool 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 | 2 | to write-up workstation |
| 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 | 1 | optional; required if decision support tool display screen provided |
| ELGP-231 | GPO: double, emergency power, wall mounted | ① | 6 | 2 over bench; 4 distributed across the room for medical equipment |
| 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 decision support tool display screen provided |
| ITIN-026 | OUTLET: data, double RJ45, wall mounted | ① | 1 | optional; required if patient information and diagnostic imaging display provided |
| ITIN-036 | OUTLET: data, triple RJ45, wall mounted | ① | 1 | to write-up workstation |



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 | |
| ITCL-185 | BUTTON: nurse call, staff assist, with cancel, on services pendant | ① | 1 | |

| CODE | DESCRIPTION | GROUP | QTY | COMMENT |
|----------|---|-------|-----|---|
| 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 |