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Ensuite - Bariatric

Room Code	ENS-BAR
Briefed Area	7.00 m²
Ceiling Height	2.7 m
Occupancy	1 patient; 1-2 staff assisting as required
Hours of Operation	24 hours

Description

The Ensuite - Bariatric provides a shower, toilet and basin for use by a bariatric patient, either independently or with assistance. The ensuite is associated with the 1 Bed Room - Bariatric and provides space for up to two assisting staff and the use of bariatric mobility and transfer equipment, including a shower commode. The ensuite is to be planned in conjunction with the associated room, including continuity of the patient lifting system between the two spaces.

Electrical

- [x] PROTECTION: body protected
- [ ] PROTECTION: cardiac protected

Lighting

- [x] LIGHTING: general
- [ ] LIGHTING: colour corrected
- [ ] LIGHTING: dimmable
- [ ] LIGHTING: indirect

Nurse Call and Duress

- [x] NURSE CALL SYSTEM: buttons / handset
- [ ] NURSE CALL SYSTEM: annunciator
- [ ] DURESS: fixed
- [x] DURESS: wireless coverage

Security

- [ ] ACCESS CONTROL: to door
- [ ] ACCESS CONTROL: to item / joinery
- [ ] INTERCOM: service communications
- [ ] INTERCOM: security and access control
- [ ] CCTV: camera coverage within room
- [ ] INTRUSION DETECTION: door monitoring
- [ ] INTRUSION DETECTION: spatial monitoring

ICT and Audio Visual

- [ ] AUDIO VISUAL: patient entertainment system
- [ ] AUDIO VISUAL: visitor experience system
- [ ] AUDIO VISUAL: virtual collaboration system
- [ ] AUDIO VISUAL: clinical support system
- [ ] AUDIO VISUAL: digital operating room system

Accessibility

- [ ] AUDIO: hearing augmentation
- [x] VISUAL: luminance contrast
- [ ] SIGNAGE: accessible, statutory

HVAC

- [ ] AIRCONDITIONING: general
- [ ] AIRCONDITIONING: HEPA filtered
- [ ] AIRCONDITIONING: positive pressure
- [ ] AIRCONDITIONING: negative pressure
- [x] VENTILATION: exhaust
- [ ] VENTILATION: supply
- [ ] VENTILATION: natural

Medical Gas

- [ ] MEDICAL GAS: general anaesthesia
- [ ] MEDICAL GAS: special care
- [ ] MEDICAL GAS: special care, neonatal ventilation
- [ ] MEDICAL GAS: birthing

Hydraulic

- [x] WATER: drinking
- [ ] WATER: specialty
- [x] DRAINAGE: sanitary
- [ ] DRAINAGE: specialty

Fire

- [x] DETECTION: smoke
- [ ] DETECTION: heat

Shielding

- [ ] SHIELDING: ionising radiation
- [ ] SHIELDING: magnetic and radio frequency

Acoustics

SPEECH PRIVACY:
not private ····· moderate ····· private ····· confidential

NOISE SENSITIVITY:
not sensitive ····· low ····· medium ····· high

NOISE GENERATION:
low ····· moderate ····· high ····· very high

Additional Considerations

Planning Context

- Bariatric bedrooms and associated ensuites are designed to accommodate patients up to 250 kg. Requirements for patients above this design range, including provision of super bariatric accommodation for patients up to approximately 450 kg, are to be determined at project level based on the anticipated patient cohort, model of care and jurisdictional requirements. Super bariatric accommodation is generally provided within selected healthcare facilities to support safe and effective care. Refer to HPU 340 Adult Acute Inpatient Unit for further guidance.

Room Layout

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● The entry door is to be fitted with an occupancy indicator, privacy lock and emergency-release hardware. An outward-swinging door is recommended to reduce the risk of a patient obstructing the door following a fall or loss of consciousness. Where an inward-swinging door is provided, emergency-release hardware and a suitable pivot or hinge system are to allow the door to be opened outward in an emergency.
● The location of plumbing fixtures is to be considered in relation to fire and smoke rated building elements as part of overall department planning to minimise penetrations for hydraulic services.

Furniture, Fixtures and Equipment (FF&E) Selection
● Grab rails are to be securely fixed to the wall with the structural support required to meet weight ratings/SWL that must be confirmed at project level (generally accommodating patients up to 250 kg for bariatric patient rooms). Space for staff assistance to both sides of the toilet is provided in this Standard Component and therefore drop-down grabs rails for use by patients with or without staff assistance have been indicated. Additional structural support requirements are to be confirmed at project level to accommodate the downward force on the drop-down grab rails. It is recommended that drop-down grab rail products with fold down support legs are selected for increased support and strength.
● In-wall structural supports are to be provided for the basin and other relevant fittings to meet weight rating/SWL and downward force requirements.
● The use of commodes, mobile patient transfer equipment and sit-to-stand equipment is to be considered when finalising fitting selection. It is recommended that the set-out of the toilet suite and grab rails is tested with assistive equipment that is being considered or has been selected to ensure appropriate clearances, including coordination with the height of the toilet seat and the toilet lid. Clearance from the equipment to the grab rails should ensure there is no risk of pinching or finger entrapment.
● Operational models and IPC policies for use of a patient's own mobility/transfer equipment, and any associated considerations for the design of the ensuite, are to be confirmed at project level.
● Selected toilet pan must be able to support patients weighing up to 250 kg. While most toilet pans are able to accommodate this weight, pans that are slightly wider and longer, such as those typically selected for accessible toilet configurations, can be fitted with bariatric toilet seats and provide support to bariatric patients and allow clearance for use of bariatric assistive equipment. Use of these toilet pans also allows the room to be used by other patients, including those with high assistance requirements, when it is not being used by a bariatric patient. Extra wide stainless steel toilets that are specifically designed for patients up to 450kg are often too large for other patients to use, reducing flexible utilisation of the bedroom and ensuite. It is therefore recommended that these toilets be used in super bariatric ensuites only.
● Specific bariatric toilet seats are to be selected that are designed to accommodate patients up to 250 kg and to flex in a way to reduce the risk of pinching between the seat and the pan. It is recommended that the toilet seat is coloured to achieve a minimum 30% luminance contrast between the seat and the toilet pan, the floor, and the adjacent walls to support patients with visual impairments.
● With provision of drop-down grab rails to both sides of the toilet, inclusion of an integral toilet paper roll holder and nurse call button are recommended due to reach to wall mounted fittings being impractical. This may mean toilet paper stock differs in this ensuite compared to others where dispensers may be selected for jumbo roll, or interleaved tissue stock.

Infection Prevention and Control (IPC)
● The handwashing basin is to include a removable shroud enclosing the plumbing services. The shroud is to be a separate element from the basin to allow maintenance access to plumbing components without removal of the basin. Refer to 'AusHFG Part D: Infection Prevention and Control' for further guidance.
● A shower curtain and track are not shown in this Standard Component due to provision of the ceiling mounted lifter track. Hinged curtain tracks that fold against the wall may be considered, and inclusion is to be confirmed at project level to suit local work health and safety (WHS), and IPC policies. Where provided, operational models for cleaning and maintenance must be considered.

Work Health and Safety (WHS)
● Mobile duress coverage is to be assessed and planned at department level. Coverage of patient areas is to meet local security and WHS policies and operational service requirements.
● A patient lifting track is typically provided within the associated bariatric bedroom and extended into the ensuite to support transfer between the bed, toilet and shower area. Requirements for the bariatric patient lifting track in both the ensuite and the adjacent bedroom must be confirmed at project level and are to suit clinical service requirements and local WHS policies for patient handling. Configuration (fixed track, traverse track, etc.), installation (recessed or ceiling mounted), weight rating/safe working load (SWL), and extent must also be confirmed by project teams to inform requirements for the ceiling structure, door width and clearances in the ensuite. The door height and frame must be designed to accommodate linking between tracks. Selected track and lifter equipment must meet local infection prevention and control (IPC) policies and cleaning requirements.

Medical Gases
● Reticulated medical gas outlets, including oxygen and suction, may be provided depending on the anticipated patient cohort and clinical service requirements. Where provided, outlet locations are to support use with standard tubing lengths while the patient is at

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the toilet or shower, while maintaining required accessibility, safety and equipment clearances. Medical gas outlets and associated equipment are to be located and detailed to minimise contamination risk associated with proximity to sanitary fixtures.

Engineering Services

● A power outlet to support personal grooming activities, such as shaving or hair drying, is shown as optional. Provision and location are to be confirmed based on the intended patient cohort and policies around provision and maintenance of electrical outlets in wet areas. Where an outlet is provided, location is to be coordinated with the basin, shower and other water sources to ensure it meets the required electrical safety zones and clearances.

● The hand-held shower connection point and hose length are to be coordinated to ensure that the shower head is not in reach of the toilet bowl. Where this cannot be achieved, appropriate backflow prevention measures are to be provided in accordance with applicable plumbing requirements and confirmed as part of the hydraulic design.

Finishes

● The floor finish at the ensuite entry is to be flush with the adjacent bedroom floor. The floor finish in the shower area must also be flush and continuous with the adjacent floor in the ensuite and must not have a raised hob to support movement and use of mobility equipment.

● A tiled floor finish may be provided in lieu of vinyl. Where floor tiles are selected, wall tiles are also recommended to achieve an appropriate junction between floor and wall finishes. Wall and floor finishes, skirtings/junctions, waterproofing and cleaning requirements are to be coordinated to provide a durable and maintainable wet-area finish.

● The slope of the floor to the drain must meet relevant Australian/New Zealand building code compliance requirements. When meeting these requirements, the slope of the floor is to also be considered to ensure it has minimal impact on patients using walking aids, patients with impaired mobility/balance, and staff assisting patients on commodes or wheelchairs.

Doors and Windows

CODE	DESCRIPTION	COMMENT
DOHI-103.01	DOOR: hinged, 1 1/2 leaves, 1300 clear opening, solid	lock with occupancy indicator and emergency release hardware required; an outward swinging door is recommended to mitigate risk of accidental barricade in the event of a fall or loss of consciousness and to meet clearance requirements for bariatric equipment and assisting staff; door height to be to ceiling with slot required to frame for continuation of patient lifter track from adjacent bedroom
AFDPR-006.01	*DOOR PROTECTION: plate, to 900H*	*to both sides*
AFDPR-056.01	*DOOR FRAME PROTECTION: full wrap, to 900H*	*optional, provision and extent dependent on frame material/finish and movement of beds and mobile equipment in adjacent area*

Finishes

CODE	DESCRIPTION	COMMENT
FLVY-114	FLOOR FINISH: vinyl, seamless, non-slip, wet area, barefoot	tiles are also acceptable
FLSK-021	SKIRTING: vinyl, integral with floor vinyl, coved	tiles acceptable if tiled floor is provided
WLFI-011.07	WALL FINISH: vinyl, full height	tiles are also acceptable
CLFS-013	CEILING: flush set, suspended, moisture resistant	[CLFS-009] moisture resistant drop-in ceiling tiles are also acceptable
CLFI-002	CEILING FINISH: paint, clinical areas	
CLCN-031	CORNICE: square set	[CLCN-008] wall trim fixing acceptable if drop-in ceiling tiles are provided

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Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIBM-102	MIRROR: fixed, safety glass, frameless	1	1	
FIDI-231	DISPENSER: paper towel, wall mounted	2	1	
FIDI-256	DISPENSER: soap, wall mounted	2	2	1 to basin, 1 to shower
FIDI-282	HOLDER: soap/shampoo, wall recessed	1	1	
FIDI-308	DISPENSER: toilet paper, to drop-down grab rail	1	1	
FIHR-026	HOOK: coat, wall mounted	1	2	
FIRT-101	GRAB RAIL: straight, horizontal	1	1	for use as a towel rail while ensuring adequate strength and fixings if used for support
FIRT-142	GRAB RAIL: toilet, drop down with folding leg, with holder for toilet roll	1	1	
FIDI-308	*DISPENSER: toilet paper, to drop-down grab rail*	1	*1*	*Sub item to FIRT-142*
FIRT-143	GRAB RAIL: toilet, drop down with folding leg, with bracket for nurse call button	1	1	
FIRT-151	GRAB RAIL: shower, straight, horizontal	1	1	may be combined with vertical shower rail
FQWS-051	BIN: general waste, 20L	3	1	
FQWS-331	BIN: sanitary waste	3	1	
HYBA-142	BASIN: type C, handwashing, with integral single shelf	1	1	[HYBA-078] with detachable shroud to pipework and in-wall structural supports to meet weight rating/SWL and downward force requirements; location of thermostatic mixing valve to be determined based on ability to share with nearby basins
HYSH-056	SHOWER: hand-held, connection on wall, bracket on vertical wall mounted rail	1	1	vertical rail may be combined with horizontal grab rail
HYTP-002	FLUSH BUTTON: toilet suite	1	1	
HYTP-051	TAPWARE: basin, mixer, fixture mounted	1	1	[HYTP-036] selection of basin and tapware to be coordinated to ensure compatibility
HYTP-251	TAPWARE: shower, mixer	1	1	
HYWC-034	TOILET SUITE: patient, bariatric	1	1	
MGFP-041	FLOWMETER: oxygen	3	1	optional; for oxygen outlet if provided; provision dependent on patient cohort requirements
MMBE-222	TRACK: patient lifter, traverse H-track, bariatric, ceiling mounted	1	1	selection of lifter and track type to be confirmed at project level to suit patient cohort requirements and local WHS policies
MMBE-232	TRACK: patient lifter, linking mechanism, bariatric, ceiling mounted	1	1	for continuation of track from adjacent bedroom
MMGE-016	CHAIR: commode, bariatric	3	1	set out of the toilet suite and grab rails is to be tested with assistive equipment to ensure appropriate clearances

Engineering Services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-201	GPO: double, wall mounted	1	1	optional, to support grooming (i.e. shaving, hair drying, etc.); inclusion to be informed by local policies on the provision and maintenance of electrical outlets in wet areas
ELSW-001	SWITCH: light	1	1	located outside door

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CODE	DESCRIPTION	GROUP	QTY	COMMENT
HYDR-021	DRAIN: floor waste, round	1	2	floor slope/fall to comply with relevant building code requirements
HYDR-201	DIRECT CONNECTION: wastewater, general	1	1	to basin
HYTP-431	OUTLET: water, cold	1	2	1 to basin, 1 to shower
HYTP-433	OUTLET: water, warm	1	2	1 to basin, 1 to shower
ITCL-122	BUTTON: nurse call, patient to staff call, with cancel, wall mounted, wet area	1	1	to shower
ITCL-130	BUTTON: nurse call, patient to staff call, with cancel, to drop-down grab rail, wet area	1	1	to toilet; placement to be coordinated with grabrails and toilet paper dispenser to ensure reach from seated position on toilet and from the floor in case of a fall
ITCL-182	BUTTON: nurse call, staff assist, with cancel, wall mounted, wet area	1	1	
ITCL-192	BUTTON: nurse call, emergency, with cancel, wall mounted, wet area	1	1	
MGAS-043	OUTLET: oxygen (O2), wall mounted	1	1	optional, may be considered in ensuites on selected specialised units to suit patient cohort requirements in line with local jurisdictional policies

For guidance on how to use the Room Data Sheet, please visit the AusHFG website.

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