



Ensuite - Bariatric

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

Description | The Ensuite - Bariatric is for a patient to wash, shave, groom themselves, shower and use the toilet, either independently or with assistance. The Ensuite is associated with the 1 Bed Room - Bariatric. The area and layout must accommodate two assisting nurses and a shower commode with bariatric capacity. The ensuite and bedroom should be planned as a unit, with the use of a ceiling mounted hoist is coordinated across both rooms.

Electrical	PROTECTION: body protected	<input checked="" type="checkbox"/>	HVAC	AIRCONDITIONING: general	<input 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 type="checkbox"/>		AIRCONDITIONING: negative pressure	<input type="checkbox"/>
	LIGHTING: dimmable	<input type="checkbox"/>		VENTILATION: exhaust	<input checked="" 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 type="checkbox"/>		MEDICAL GAS: special care	<input type="checkbox"/>
	DURESS: wireless coverage	<input checked="" 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 type="checkbox"/>		WATER: drinking	<input checked="" type="checkbox"/>
	INTERCOM: service communications	<input type="checkbox"/>		WATER: specialty	<input type="checkbox"/>
	INTERCOM: security and access control	<input type="checkbox"/>		DRAINAGE: sanitary	<input checked="" 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 checked="" 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: magnetic and radio frequency	<input type="checkbox"/>
	AUDIO VISUAL: virtual collaboration system	<input type="checkbox"/>		SPEECH PRIVACY:	
	AUDIO VISUAL: clinical support system	<input 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 low medium high	
	VISUAL: luminance contrast	<input checked="" type="checkbox"/>		NOISE GENERATION:	
	SIGNAGE: accessible, statutory	<input type="checkbox"/>		low moderate high very high	

Additional Considerations

- Bariatric bedrooms and ensuites are to be designed to accommodate patients up to 250kgs. The provision of super bariatric bedrooms and ensuites, for the management of patients up to 450kg, is generally restricted in jurisdictions to selected healthcare facilities only. This is to ensure that safe and effective care can be provided. Refer to HPU 340 Adult Acute Inpatient Unit for more information.
- The door is to be fitted with a lock that has an occupancy indicator and emergency release hardware. An outward swinging door is recommended to mitigate risk of accidental barricade in the event of a fall or loss of consciousness. If an inward swing is provided, an emergency release and pivot hinge to allow for the door to open outward is required.
- The floor finish at the entry to the ensuite is to be flush with the adjacent floor finish in the bedroom. The floor finish in the shower area must also be flush and continuous with the adjacent floor in the ensuite and is not to have a raised hob.

- A tiled floor finish may be provided instead of floor vinyl, and it is recommended that where floor tiles are used, wall tiles are also used to achieve an appropriate join between floor and wall finishes.
- The slope of the floor to the drain in the shower must meet the relevant Australian/New Zealand building code compliance requirements. When meeting these requirements, the slope of the floor is then low enough to have minimal impact on patients using walking aids, patients with impaired mobility/balance, and staff assisting patients on commodes, wheelchairs, etc.
- Provision of reticulated medical gas outlets (e.g. oxygen and suction) may be considered depending on patient cohort requirements. Where provided, the location of the outlets should allow for use within the shower and on the toilet with standard tubing lengths. Mitigating contamination risk of medical gas outlets from toilet plume is to be considered (e.g. cover to outlets and associated attachments).
- A patient lifting track is typically provided in the associated bariatric bedroom and continues to the ensuite. Requirements for the bariatric patient lifting track in both the ensuite and the adjacent bedroom must be confirmed at a 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.
- Selected toilet pan must be able to support patients weighing up to 250kg. 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 250kg 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.
- The connection point of the hand-held shower is to be located, with consideration of the length of the hose, to ensure that the shower head is not in reach of the toilet bowl. Risk mitigation strategies (e.g. reduced pressure zone devices) to be used where this cannot be achieved.
- 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 250kg for bariatric patient rooms). Space for staff assistance to both sides of the toilet is provided in this Standard Component and therefore drop-down grab 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.
- 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.
- 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 handwashing basin should include a detachable shroud to enclose pipe fittings. The shroud should be a separate element, rather than being integrally moulded with the basin. This separation ensures there is access to the plumbing (i.e. P-trap or S-bend) for maintenance, without requiring the removal of the entire basin. Refer to 'Part D: infection Prevention and Control' for more information.
- 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.
- 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.
- Mobile duress coverage is to be assessed and planned at a department level and coverage of all patient areas is to suit local security and WHS policies and operational service requirements.
- A power outlet to support grooming, such as shaving and drying hair, is shown as optional. Local policies around provision and maintenance of electrical outlets in wet areas are to be confirmed to inform inclusion of a power outlet within the ensuite. Where

provided, the outlet is to be located to comply with Australian and New Zealand Standards regarding the minimum distance from any water sources (i.e. basin spout and shower).

- Layout of ensuite should consider the positioning of plumbing fixtures in relation to fire and smoke walls in an overall department configuration to minimise the impact of penetrations required for pipework.



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 dependent on frame material and finish and equipment movement 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	to be tiles 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	moisture resistant drop-in ceiling tiles are also acceptable
CLFI-002	CEILING FINISH: paint, clinical areas	
CLCN-031	CORNICE: square set	to be shadow angle cornice if drop-in ceiling tiles are provided



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	
FIHR-026	HOOK: coat	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

CODE	DESCRIPTION	GROUP	QTY	COMMENT
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	with detachable shroud to pipework and in-wall structural supports to meet weight rating/SWL and downward force requirements
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	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, ceiling mounted, bariatric	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, ceiling mounted, bariatric	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 (ie, 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
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 ["Room Data Sheet Guidance" page on the AusHFG website](#).