

Design Guidelines for Hospitals and Day Procedure Centres

Standard Components Room Data Sheets

Room Name Ultra-Isolation Facility: Patient Bed Room **Room Code** UIF-BR

Area M2 25

Description Special Requirement

One Bed Isolation room for patient requiring intensive care treatment and ultra-isolation for quarantinable infectious diseases;

Acoustics: Sound attenuation level medium; Acoustic privacy is required.

Cardiac Protected electrical area

Additional Design Considerations:

- A dedicated Air-conditioning supply and exhaust system is required
- Negative air pressure with 100% exhaust ventilation with airlock
- Front access HEPA filter and fitted differential pressure gauge at each room exhaust point
- Alarm to be activated on loss of differential pressure; time delay may be required to permit entry/exit from room
- Smooth impervious finishes are required, minimising dust collecting surfaces
- Visual access to patient required; Glazed doors are recommended for patient visibility; radiolucent glass for X-ray capability through door.
- Dialysis port to bedspace required

Space required at bedside for intermittent use of oversize patient bed, ultrasound machine, echocardiography machine, dialysis machine, bed warming module, intra-aortic balloon pump, tilt table, multi-use standing device (1406Lx660Wx1497H) and patient bed (which may be an oversized bed) when patient is transferred from one bed to another.

Services pendant arms only to be installed if fully sealed, otherwise wall services to be provided.

Room Fabric and outline specifications

Remarks

1000	Floor finish	Vinyl	Standard slip resistant	Seamless, coved
2000	Skirting	Vinyl	Prefinished	Floor vinyl coved, 150mmH
3035	Wall finish	Vinyl	Prefinished	Wall vinyl full height
5025	Ceiling	Plasterboard	Paint, epoxy	Flush set, suspended
6015	Cornice	Plasterboard	Paint	Flush coved between wall & ceiling
7010	Observation	Glass	Clear	Through door/s
9012	Doors	Alum / glass	Paint	1 1/2 leaf, fully glazed

Fittings and Furniture

Fitting ID	Category	Fitting	Grp	Quantity	Selection
1050	Furniture/ Fitting	Bench: laminate	1	1	600mm W
1465	Furniture/ Fitting	Bracket: suction bottle	2	6	to pendant arms
1470	Metalwork	Bracket: sharps	2	1	to end of bench
6152	Furniture/ Fitting	Dispenser: disposable glove	2	1	3 compartment

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6153	Furniture/ Fitting	Dispenser: moisturiser	2	1	to basin
6154	Furniture/ Fitting	Dispenser: paper towel	2	1	to basin
6156	Furniture/ Fitting	Dispenser: soap	2	1	to basin
6158	Furniture/ Fitting	Dispenser: soap antiseptic	2	1	to basin
10700	Metalwork	IV hanger	1	1	to IV track
10800	Metalwork	IV hook	1	3	over dialysis outlets & tundish
11200	Metalwork	IV track, ceiling mounted	1	1	over bed
19810	Metalwork	Shelf, S/S, Over	1	1	over S/S bench
19820	Metalwork	Shelf, S/S, Under	1	3	under S/S bench
23400	Metalwork	Television bracket, ceiling	1	1	optional

Fixtures, Equipment and associated services

FFE ID	Description	Grp	Quantity	Ele	CdW	HtW	WmW	Tap	Dns	Gas	Stm	Selection
3100	Basin : scrub - large	1	1	___	yes	___	yes	yes	yes	___	___	Type A + sensor outlet
9710	Clock : digital	1	1	yes	___	___	___	___	___	___	___	Day, Date, Time (+secs)
15985	Dialysis station	1	1	___	yes	___	yes	yes	yes	___	___	
31700	Light : examination, ceiling	1	1	yes	___	___	___	___	___	___	___	flexible arm
47010	Services & monitor pendant	1	1	yes	___	___	___	___	___	___	___	2 arms-wet/ dry; retractable

Services

Service ID	Service Category	Description	Quantity	Remarks
1000	Communications	Telephone: PABX	1	wall telephone
1006	Communications	Voice / Data outlet - double	2	services pendant arms
1090	Communications	TV: MATV	1	optional
1120	Communications	Monitor connection facilities and cabling	1	to central station, on services pendant
5005	HVAC	Air conditioning - special		HEPA filtered
5050	HVAC	Pressure: negative		
6001	Lighting	General : colour corrected		Recessed, sealed
6060	Lighting	Special: night lights		Recessed, sealed
6200	Lighting	Light switch	2	variable lighting control, bedhead & door
7000	Medical Gases	O2	3	to services pendants
7020	Medical Gases	Medical Air	2	to services pendants
7040	Medical Gases	Suction	3	to services pendants
7070	Medical Gases	Scavenging	2	to services pendants (optional)
8000	Nurse Call	Patient / Nurse call	1	+ indicator button & light
8005	Nurse Call	Patient call handset	1	call button on the handset
8010	Nurse Call	Nurse assist call	1	+ indicator button & light
8080	Nurse Call	Emergency call	1	+ indicator button & light
9001	Power	GPO: Double	1	to wall
9010	Power	GPO: Single - emergency power	8	to services pendants
9015	Power	GPO: Cleaner	1	
9030	Power	Cardiac Protected		
9060	Power	Special: for equipment	2	pendants, exam light