

# Design Guidelines for Hospitals and Day Procedure Centres

## Standard Components Room Data Sheets

Room Name Catheter Laboratory

Room Code CLAB

Area M2 38

### Description Special Requirement

Procedure room where cardiac catheter procedures and electrophysiology studies are undertaken in a controlled environment. A Control room will be located adjacent and may serve more than one procedure room. A clinical scrub basin should be located immediately adjacent to the room entry.

Acoustics: Acoustic privacy is required

Cardiac Protected Electrical Area

Additional Design Considerations:

- Radiation shielding as advised by Radiation Consultant
- Unistrut Ceiling able to carry moving loads may be required
- Cable ducts from Control Room and Computer/Equipment room may be required
- 'X-Ray in Use' lights are required outside each entry door
- Power should be on emergency supply

### Room Fabric and outline specifications

### Remarks

1000	Floor finish	Vinyl	Standard slip resistant	Seamless, covered	
2000	Skirting	Vinyl	Prefinished	Floor vinyl covered, 150mmH	
3000	Wall finish	Paint	Acrylic, washable		
4020	Wall protection	Composite	Prefinished PVC	Crash rail at 900mm AFFL	
5010	Ceiling	Plasterboard	Paint, washable	Flush set, suspended	at 3000 mm AFFL
6030	Cornice	Aluminium	Powdercoat	24mm shadow angle	
7025	Observation	Lead glass	Clear	Internal window	to control room
8010	Door protection	Composite	Prefinished PVC	Protection plate to 900mm AFFL	
8040	Door protection	Composite	Prefinished PVC	To door frame	
9005	Doors	Solid Core	Paint	Single leaf, lead glass, lead sheilding	staff entry/ exit
9014	Doors	Solid Core	Paint	1 1/2 leaf, with lead sheilding	patient entry/ exit, 1350mm clear opening

### Fittings and Furniture

Fitting ID	Category	Fitting	Grp	Quantity	Selection
1465	Furniture/ Fitting	Bracket: suction bottle	2	1	below services panel
4493	Furniture/ Fitting	Cupboard: catheter hanging	1	2	double door

### Fixtures, Equipment and associated services

FFE ID	Description	Grp	Quantit	Ele	CdW	HtW	WmW	Tap	Dns	Gas	Stm	Selection
9700	Clock : analogue, wall	1	1	yes	___	___	___	___	___	___	___	
32550	Light : theatre, single	1	1	yes	___	___	___	___	___	___	___	
66300	XR unit : Angiography	2	1	yes	___	___	___	___	___	___	___	with imaging monitors
68700	Xray viewer, 2 screen	1	1	yes	___	___	___	___	___	___	___	recessed

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### Services

Service ID	Service Category	Description	Quantity	Remarks
1006	Communications	Voice / Data outlet - double	2	
1040	Communications	Intercom	1	handsfree to control room
5000	HVAC	Heating, Ventilation & Airconditioning		Refer to Part E Building Services
6000	Lighting	General		
6110	Lighting	Dimmable- down lights		
7000	Medical Gases	O2	2	patient services panel
7010	Medical Gases	N2O	1	patient services panel
7020	Medical Gases	Medical Air	1	patient services panel
7040	Medical Gases	Suction	2	patient services panel
7070	Medical Gases	Scavenging	1	patient services panel
8010	Nurse Call	Nurse assist call	1	+ indicator button & light
8080	Nurse Call	Emergency call	1	+ indicator button & light
9000	Power	GPO: Single	3	walls
9010	Power	GPO: Single - emergency power	6	to patient services panel
9015	Power	GPO: Cleaner	1	
9030	Power	Cardiac Protected		all GPOs
9060	Power	Special: for equipment	1	theatre light
11000	Services Panels	Wall panel	1	recessed, patient services
12030	Shielding	Lead lining		to walls and doors as specified