

Procedure Room - Endoscopy

Room Code	ENPR
Briefed Area	45.00 m ²
Ceiling Height	3.0 m
Occupancy	1 patient; 5-8 staff
Hours of Operation	24 hours

Description | A Procedure Room - Endoscopy provides an aseptic environment in which to carry out endoscopic procedures on a patient under local, regional or general anaesthetic. The Procedure Room may be used for specialties including ENT, urology, endoscopy and other similar procedures. The Procedure Room may have direct access to a reprocessing area and, in some models, a sterile stock.

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 type="checkbox"/>		AIRCONDITIONING: positive pressure	<input checked="" type="checkbox"/>
	LIGHTING: colour corrected	<input checked="" type="checkbox"/>		AIRCONDITIONING: negative pressure	<input type="checkbox"/>
	LIGHTING: dimmable	<input checked="" 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 checked="" type="checkbox"/>
	DURESS: fixed	<input 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 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 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 checked="" 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 checked="" type="checkbox"/>		not private moderate private confidential	
Accessibility	AUDIO VISUAL: digital operating room system	<input checked="" 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 minimum critical dimension centred on the procedure zone is 6400mm clear to ensure adequate space for the procedure, circulation and equipment storage.
- Isolated power supply is required individually to each medical services pendant, together with its associated line isolation and overload monitors.
- Location and quantity of RCD outlets to suit overall electrical service provision and is to be confirmed by the project to suit local engineering services guidelines/policies.
- If the room is used for Bronchoscopy procedures, negative pressure air conditioning and direct exhaust to roof is required.
- If the room is used for bronchoscopy procedures, negative pressure air conditioning and direct exhaust to outside is required.
- 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 in operating theatres and procedural suites and emergency departments 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.

- If laser equipment is to be used, 'laser in use' warning lights are required outside all entry doors to the room.
- If x-ray equipment is to be used, 'x-ray in use' warning lights are required outside all entry doors to the room. Radiation shielding will also be required and is to be assessed by a Radiation Consultant.
- Automated doors with motion or elbow activation are provided to the Procedure Room - Endoscopy from the corridor and reprocessing areas. Buttons/sensors should be appropriately located in relation to the door, including consideration for approach and movement of patients on beds and mobile equipment. 2-gang buttons that support the opening of either one or both leaves of the door as required are desirable.
- Height of doors to be confirmed to suit the movement of mobile equipment such as mobile imaging devices.
- If external windows are provided, they are to be double glazed with integral venetian blinds (with either manual or automated controls).
- Room lights to be dimmable. Lighting control to room rights, warning signs, and operating lights to be coordinated within the room and an appropriate lighting control panel to be provided to functional requirements.
- Configuration of services pendant (horizontal or vertical) to suit services requirements. Accessories (e.g. shelves, drawers, rails, etc.) are optional and can be selected to suit service and equipment requirements. Services allocations are indicative - type and number of services on the pendant to suit service requirements
- Services pendant arms to have an adequate reach to be moved out of the way to allow for adequate room for movement of a patient trolley and mobile equipment.



Doors and Windows

CODE	DESCRIPTION	COMMENT
DOHI-212.03	DOOR: hinged, 2 leaves, 1600 clear opening, solid, standard vision panel, with cover	to corridor, cover required to vision panel if laser is to be used
AFDPR-006.05	DOOR PROTECTION: plate, full height	to both sides
AHDEC-036	SWITCH: door release, double gang, automatic door, wall mounted	to allow for opening either one or both leaves of the door
AHDMO-001	DOOR MOTORISATION: swing	delayed action closing
DOHI-014.03	DOOR: hinged, 1 leaf, 950 clear opening, solid, standard vision panel, with cover	optional - to clean scope room if floor plan supports direct access
AFDPR-006.05	DOOR PROTECTION: plate, full height	to both sides
AHDEC-031	SWITCH: door release, single gang, automatic door, wall mounted	
AHDMO-001	DOOR MOTORISATION: swing	
DOHI-014.03	DOOR: hinged, 1 leaf, 950 clear opening, solid, standard vision panel, with cover	optional - to dirty scope room if floor plan supports direct access
AFDPR-006.05	DOOR PROTECTION: plate, full height	to both sides
AHDEC-031	SWITCH: door release, single gang, automatic door, wall mounted	
AHDMO-001	DOOR MOTORISATION: swing	



Finishes

CODE	DESCRIPTION	COMMENT
FLVY-101	FLOOR FINISH: vinyl, seamless, standard slip resistance	
FLSK-021	SKIRTING: vinyl, integral with floor vinyl, coved	
WLFI-011.07	WALL FINISH: vinyl, full height	alternative impermeable seamless materials may also be acceptable, confirm material

CODE	DESCRIPTION	COMMENT
		selection to suit infection prevention and control requirements
CLFS-011	CEILING: flush set, suspended	
CLFI-003	CEILING FINISH: paint, sterile areas	



Joinery

CODE	DESCRIPTION	GROUP	QTY	COMMENT
JOCU-023	CUPBOARD: tall, double door, glazed	①	3	
JOGE-001	BULKHEAD: joinery	①	1	plasterboard bulkhead is also acceptable



Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIBM-019	WHITEBOARD: fixed, magnetic	②	2	
FIDI-106	DISPENSER: PPE, disposable gloves, wall mounted	②	2	
FIDI-181	DISPENSER: cleaning wipes, wall mounted	②	2	
FIDI-241	DISPENSER: alcohol-based hand rub, wall mounted	②	2	
FIHR-212	BRACKET: computer display screen, single, articulated, wall mounted	②	1	to workstation for digital operating room (DOR) computer
FIHR-327	BRACKET: keyboard and mouse, articulated, wall mounted	②	1	to workstation for digital operating room (DOR) computer
FIHR-331	BRACKET: television/AV system display screen, single, fixed, wall mounted	②	1	to digital operating room (DOR) display screen
FQCL-211	LINEN CARRIER: dirty, single skip	③	1	
FQWS-005	BIN: sharps, clinical, extra large	③	1	on cart
FQWS-032	CART: sharps bin, clinical, foot pedal bin operation	③	1	
FQWS-396	TROLLEY: waste bag	③	1	
ITCL-069	CLOCK: electric, master clock system, slave, digital, dual time/ elapsed time	①	1	
ITNE-076	TELEPHONE: handset, wall mounted	②	2	
ITNE-111	COMPUTER: workstation on wheels (WOW), medical grade, all-in-one computer, keyboard and mouse, on cart	③	1	
ITNE-122	COMPUTER: single display screen, all-in-one, medical grade	③	1	workstation for digital operating room (DOR) computer
ITNE-204	INPUT DEVICE: keyboard and mouse, wireless, medical grade, washable	③	1	workstation for digital operating room (DOR) computer
MMBE-151	TROLLEY: patient, transport	③	1	
MMGE-045	POLE: IV, mobile	③	1	
MMGE-291	DEVICE: pump, infusion, single	③	1	
MMOP-122	STOOL: mobile, anaesthetic	③	1	
MMOP-123	STOOL: mobile, surgeon	③	2	
MMOP-162	MACHINE: anaesthetic, with patient monitor, high acuity	③	1	
MMOP-166	TROLLEY: anaesthetic	③	1	
MMOP-171	MACHINE: electrosurgical, diathermy	③	1	
MMOP-202	STAND: bowl, single	③	1	

CODE	DESCRIPTION	GROUP	QTY	COMMENT
MMOP-211	KICKBUCKET: with stand	③	1	
MMOP-297	CONTAINER: endoscope, transport	③	1	
MMPH-001	SAFE: dangerous drugs, wall mounted, small	①	1	with card reader
MMTR-052	TROLLEY: airway/intubation, 600W x 490D x 900H nom	③	1	difficult airway (DVA)
MMTR-071	TROLLEY: equipment, 490W x 490D x 900H nom	③	1	endoscope clean/dirty transport
MMTR-072	TROLLEY: equipment, 600W x 490D x 900H nom	③	1	endoscope equipment and accessories
MMTR-077	TROLLEY: instruments, 600W x 490D x 900H nom	③	1	
MMTR-094	TROLLEY: procedure, 900W x 490D x 900H nom	③	1	for biopsies, with drawers
MMTR-096	TROLLEY: scout, 490W x 490D x 900H nom	③	1	
MMTR-108	TROLLEY: set-up, table 1250W x 800D x 900H nom	③	1	with drawers
MMTR-123	TROLLEY: gowns/scrubs, 1220W x 610D x 1830H nominal	③	1	
MMTR-171	TROLLEY: mayo table	③	1	



Major Medical Equipment (MME)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
MMIC-301	CABINET: endoscope, drying and storage, single door, pass-through	②	1	optional - to clean scope room if floor plan supports direct access, interlocking mechanisms required
MMOP-242	CAMERA: endoscopic	③	1	
MMOP-252	DEVICE: processor, on endoscopy stack	③	1	
MMOP-262	DEVICE: light source, on endoscopy stack	③	1	
MMOP-272	DEVICE: insufflator, on endoscopy stack	③	1	
MMOP-282	TROLLEY: endoscopy stack, equipment	③	1	
MMOP-302	DISPLAY SCREEN: digital operating room (DOR) integration, wall mounted	②	1	
MMOP-311	CAMERA: patient observation, digital operating room (DOR) integration, ceiling mounted	②	1	optional
MMOP-331	SPEAKER: digital operating room (DOR) integration, ceiling recessed	②	2	
MMOP-341	CONTROL PANEL: digital operating room (DOR) integration, wall mounted	②	1	
MMOP-351	PATCH PANEL: digital room operating (DOR) integration, wall mounted	②	1	
MMOP-371	SYSTEM CABINET: digital integration in operating rooms (DOR)	②	1	located in ICT/AV cupboard (see EXIT)



Engineering Services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-105	GPO: single, wall mounted, cleaner	①	1	
ELGP-161	GPO: single, UPS, wall mounted	①	1	
ELGP-231	GPO: double, emergency power, wall mounted	①	2	
ELPR-011	MONITOR: line isolation, wall mounted	①	1	to UPS power outlets on medical services pendants
ELSW-042	SWITCH: light, laser in use	①	1	optional - to be provided if laser to be used, may be integrated on lighting control panel

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELSW-043	SWITCH: light, x-ray in use	①	1	optional - to be provided if x-ray to be used, may be integrated on lighting control panel
ELSW-051	CONTROL PANEL: lighting	①	2	
ITCL-081	CONTROL PANEL: master clock system	①	1	
ITCL-181	BUTTON: staff assist, with cancel, wall mounted	①	1	
ITCL-191	BUTTON: emergency, with cancel, wall mounted	①	1	
ITIN-016	OUTLET: data, single RJ45, wall mounted	①	1	to wall mounted telephone
ITIN-026	OUTLET: data, double RJ45, wall mounted	①	3	
ITSE-261	READER: security, access control, proximity card, wall mounted	①	1	optional - to drug safe if provided
LIFX-212	LIGHT: illuminated sign, laser in use	①	3	located outside doors, optional - to be provided if laser to be used
LIFX-213	LIGHT: illuminated sign, x-ray in use	①	3	located outside doors, optional - to be provided if x-ray to be used
MEEX-041	GRILLE: exhaust, wall mounted, low level	①	1	for removal of anaesthetic gases, rectilinear or triangular ducts are also acceptable
MGFP-001	ALARM: medical gases, panel, wall mounted	①	1	
MMOP-346	CONTROL PANEL: operating lights, wall mounted	②	1	
MMOP-362	OUTLET: digital operating room (DOR) integration, wall mounted	①	1	to wall mounted display screen



Medical Services Panels and Pendants

CODE	DESCRIPTION	GROUP	QTY	COMMENT
Panel 1				
MMSP-051	MEDICAL SERVICES PANEL: wall mounted	①	1	
ELGP-146	GPO: single, emergency power, on service panel	①	4	quantity and type of power outlets to suit service requirements
ELPR-073	RCD: residual current device, on services panel	①	1	
Panel 2				
MMSP-051	MEDICAL SERVICES PANEL: wall mounted	①	1	
ELGP-146	GPO: single, emergency power, on service panel	①	2	quantity and type of power outlets to suit service requirements
ELPR-073	RCD: residual current device, on services panel	①	2	
ITIN-025	OUTLET: data, double RJ45, on services panel	①	3	
MGAS-002	OUTLET: carbon dioxide (CO2), on services panel	①	1	for endoscopy stack
MMOP-362	OUTLET: digital operating room (DOR) integration, wall mounted	①	1	for connection of endoscopy stack to digital operating room (DOR) system
Panel 3				
MMSP-051	MEDICAL SERVICES PANEL: wall mounted	①	1	
ELGP-146	GPO: single, emergency power, on service panel	①	3	quantity and type of power outlets to suit service requirements
ELGP-176	GPO: single, UPS, on service panel	①	3	
ELPR-033	PANEL: UPS status indicator, on services panel	①	1	
ELPR-073	RCD: residual current device, on services panel	①	2	
ITIN-025	OUTLET: data, double RJ45, on services panel	①	1	
Pendant 1				

CODE	DESCRIPTION	GROUP	QTY	COMMENT
MMSP-101	MEDICAL SERVICES PENDANT: single arm, horizontal services head	②	1	ergonomic control handles required; configuration (horizontal or vertical) to suit services requirements; services allocations are indicative - type and number of services on the pendant to suit service requirements
ELGP-151	GPO: single, emergency power, on services pendant	①	12	quantity and type of power outlets to suit service requirements
ELGP-181	GPO: single, UPS, on services pendant	①	4	quantity and type of power outlets to suit service requirements
ELGP-318	ISOLATOR: three phase, with socket outlet, on services pendant	①	1	optional - depending on equipment requirements, may be wall mounted
ELPR-034	PANEL: UPS status indicator, on services pendant	①	1	
ITCL-185	BUTTON: staff assist, with cancel, on services pendant	①	1	
ITCL-195	BUTTON: emergency, with cancel, on services pendant	①	1	
ITCL-213	BUTTON: orderly / porter, with cancel, on services pendant	①	1	
ITIN-014	OUTLET: data, single RJ45, on services pendant	①	4	
MGAS-001	OUTLET: carbon dioxide (CO2), on services pendant	①	1	
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 project and service requirements
MGAS-041	OUTLET: oxygen (O2), on services pendant	①	2	
MGAS-051	OUTLET: scavenge, on services pendant	①	1	optional; provided if reticulated nitrous oxide provided - provision of reticulated nitrous oxide to be confirmed to suit project and service requirements
MGAS-061	OUTLET: suction, on services pendant	①	3	
MGFP-021	FLOWMETER: medical air	③	1	
MGFP-041	FLOWMETER: oxygen	③	2	
MGFP-061	ADAPTER: suction	③	3	
MMOP-352	PATCH PANEL: digital room operating (DOR) integration, on services pendant	②	1	
Pendant 3				
MMSP-224	MEDICAL SERVICES PENDANT: double arm, 1 light head, operating / display screen	②	1	
Pendant 3 - Arm 1				
MMSP-091	LIGHT HEAD: operating, articulated arm, pendant mounted	②	1	
Pendant 3 - Arm 2				
MMOP-303	DISPLAY SCREEN: digital operating room (DOR) integration, pendant mounted	②	1	