

Australasian Standard Project

Room Data Sheets

| | | |
|--|---|------------------------|
| Department | Standard Components | Room Tag: 2490 |
| Room Name | Operating Room - General | Room Code: ORGN |
| Area | 42.0 M2 | |
| No of Rooms | 1 | |
| Subtotal of Area | 42.0 M2 | |
| Minimum Dimension | 6000.0 MM | |
| Hours of Operation | 24 Hours | |
| Occupancy | 1 patient; 5 - 8 staff | |
| Also covers these Rooms | | |
| Description/ Special Requirements | <p>The Operating Room - General provides an aseptic environment in which to carry out surgical procedures under local, regional or general anaesthetic. The General Operating Room may be used for General surgery and specialties including ENT, Urology, Gynaecology, Ophthalmology, Plastic Surgery and any other procedures that do not require bulky equipment. The Operating Room will have direct access to a Scrub-up Room, exit bay and sterile stock/set-up area.</p> <p>Cardiac Protected electrical area</p> <p>Special Air Conditioning - HEPA filtration</p> <p>Additional Design Considerations:</p> <ul style="list-style-type: none"> - Minimum critical dimension 6000mm. - 'Laser In Use' warning lights may be required outside all exit doors to room if laser equipment is to be used - Lead shielding may be required depending on use of X-ray equipment - to be assessed by Radiation Consultant - External windows are desirable - double glazed with integral Venetian blinds | |
| Amendment | <p>01.12.03, - First Draft</p> <p>28.02.05, - BOB User review, GPOs modified</p> | |

Room Fabric and outline specifications

| ID | Fabric | Material | Finish | Specification | Selection | Remarks |
|------|-----------------|-------------------|-------------------------|------------------------------------|-----------|---|
| 5010 | Ceiling | Plasterboard | Paint, washable | Flush set, suspended | | |
| 6015 | Cornice | Plasterboard | Paint | Flush coved between wall & ceiling | | |
| 8010 | Door protection | Composite | Prefinished PVC | Protection plate to 900 AFFL | | Equal to 'Acrovyn' |
| 8040 | Door protection | Composite | Prefinished PVC | To door frame | | Equal to 'Acrovyn' |
| 9004 | Doors | Solid Core/ Glass | Paint | Single leaf, observation panel | | 910mm clear opening to set-up/scrub rooms |
| 9225 | Doors | Solid Core | Paint | Double leaf, observation panel | | 1500mm clear opening to patient entry/exit |
| 9004 | Doors | Solid Core/ Glass | Paint | Single leaf, observation panel | | 1100mm clear opening, to clean-up room |
| 1000 | Floor finish | Vinyl | Standard slip resistant | Seamless, coved | | |
| 7035 | Observation | Alum/ glass | Powdercoat | Internal window | | double glazing with integral venetian, optional |
| 7010 | Observation | Glass | Clear | Through door/s | | with cover (sliding) |

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|------|-------------|----------|-----------------|----------------------------|-----------|---------|
| 2000 | Skirting | Vinyl | Prefinished | Floor vinyl coved, 150 mmH | | |
| 3010 | Wall finish | Paint | Scrub resistant | | | |
| 3038 | Wall finish | Vinyl | Prefinished | Wall vinyl to 900 AFFL | | |

Fittings and Furniture (FF)

| ID | Description | Category | Group | Qty | Selection |
|-------|---------------------------------|--------------------|-------|-----|--------------------------------------|
| 150 | Air flowmeter | Furniture/ Fitting | 3 | 2 | to services pendants |
| 1102 | Bench: resinate, mobile | Furniture/ Fitting | 3 | 1 | for computer, optional |
| 1252 | Blind: Venetian integral | Furniture/ Fitting | 1 | 1 | to internal window, if provided |
| 1440 | Bowl stand: single | Furniture/ Fitting | 3 | 2 | |
| 23410 | Bracket: television, wall mount | Metalwork | 3 | 1 | optional, for TV monitor if required |
| 12300 | Carrier: dirty linen, single | Furniture/ Fitting | 3 | 1 | |
| 1580 | Chair: anaesthetist | Furniture/ Fitting | 3 | 1 | |
| 6152 | Dispenser: disposable glove | Furniture/ Fitting | 2 | 1 | |
| 11100 | IV stand: mobile | Furniture/ Fitting | 3 | 2 | |
| 11500 | Kickbucket & stand | Furniture/ Fitting | 3 | 2 | |
| 16000 | Operating table: manual | Furniture/ Fitting | 3 | 1 | |
| 16250 | Oxygen flowmeter | Furniture/ Fitting | 3 | 4 | to services pendants |
| 21730 | Stool: operating, mobile | Furniture/ Fitting | 3 | 2 | |
| 21950 | Suction adapter | Furniture/ Fitting | 3 | 4 | to services pendants |
| 22000 | Suction bottle | Furniture/ Fitting | 3 | 4 | in mobile carrier |
| 22050 | Suction bottle carrier | Furniture/ Fitting | 3 | 1 | mobile |
| 13500 | Table: mayo | Furniture/ Fitting | 3 | 1 | |
| 300 | Trolley: anaesthetic | Furniture/ Fitting | 3 | 1 | |
| 8390 | Trolley: gowns | Furniture/ Fitting | 3 | 1 | |
| 10200 | Trolley: instrument | Furniture/ Fitting | 3 | 3 | |
| 24400 | Whiteboard | Furniture/ Fitting | 1 | 1 | 900x900, optional |

Fixtures, Equipment and associated Services (FE)

| ID | Description | Group | Qty | Ele | Data | CdW | HtW | WmW | Tap | Dns | Gas | Selection |
|-------|---|-------|-----|-----|------|-----|-----|-----|-----|-----|-----|----------------------------------|
| 700 | Anaesthetic machine | 3 | 1 | yes | ___ | ___ | ___ | ___ | ___ | ___ | ___ | |
| 9750 | Clock: slave, analogue | 1 | 1 | yes | ___ | ___ | ___ | ___ | ___ | ___ | ___ | recessed |
| 9800 | Clock: time elapse | 1 | 1 | yes | ___ | ___ | ___ | ___ | ___ | ___ | ___ | beside analogue, recessed |
| 11400 | Computer: PC & monitor | 3 | 1 | yes | yes | ___ | ___ | ___ | ___ | ___ | ___ | optional |
| 16000 | Diathermy machine | 3 | 1 | yes | ___ | ___ | ___ | ___ | ___ | ___ | ___ | |
| 32600 | Light: operating, 2 arm, 950/550 diam nominal | 1 | 1 | yes | ___ | ___ | ___ | ___ | ___ | ___ | ___ | |
| 35960 | Monitor: anaesthetic | 3 | 1 | yes | opt | ___ | ___ | ___ | ___ | ___ | ___ | with printer, on anaesth machine |
| 47000 | Services pendant: ceiling | 1 | 2 | yes | yes | ___ | ___ | ___ | ___ | ___ | ___ | cable support arm optional |
| 54520 | Telephone: handset, handsfree | 3 | 1 | ___ | yes | ___ | ___ | ___ | ___ | ___ | ___ | to bench |
| 68900 | Xray viewer: 4 screen | 1 | 1 | yes | ___ | ___ | ___ | ___ | ___ | ___ | ___ | recessed, 4x1 layout |

Services

| ID | Description | Service Category | Qty | Remarks |
|----|-------------|------------------|-----|---------|
|----|-------------|------------------|-----|---------|

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|-------|---|------------------|-----|---|
| 1120 | Monitor connection facilities and cabling | Communications | 1 | to wall TV monitor, optional |
| 1006 | Voice / Data outlet: double | Communications | 1 | to bench; 1 outlet for telephone |
| 1006 | Voice / Data outlet: double | Communications | 2 | 1 / each pendants |
| 5005 | Air conditioning: special | HVAC | | HEPA filtered |
| 5040 | Pressure: positive | HVAC | | |
| 6001 | General: colour corrected | Lighting | | variable lighting level, dimmable |
| 6074 | Special: 'Laser In Use' lights | Lighting | | outside room entries, if laser to be used |
| 7050 | Gas Alarm Panel | Medical Gases | 1 | |
| 7020 | Medical Air (MA) | Medical Gases | 2 | 1 / each pendant |
| 7010 | Nitrous Oxide (N2O) | Medical Gases | 2 | 1 / each pendant |
| 7000 | Oxygen (O2) | Medical Gases | 4 | 2 / each pendant |
| 7070 | Scavenge | Medical Gases | 2 | 1 / each pendant |
| 7040 | Suction | Medical Gases | 4 | 2 / each pendant |
| 7030 | Tool Air | Medical Gases | 2 | 1 / each pendant, controls on wall panel |
| 7060 | Tourniquet air | Medical Gases | 1 | and controls, on wall, optional |
| 8080 | Emergency call | Nurse Call | 1 | + indicator button & light |
| 8090 | Orderly/ Porter call | Nurse Call | 1 | optional |
| 8010 | Staff/ Nurse assist call | Nurse Call | 1 | + indicator button & light |
| 9030 | Cardiac protected | Power | | |
| 9050 | Direct connection | Power | 3 | XRV, clocks, lights |
| 9015 | GPO: Cleaner | Power | 1 | |
| 9001 | GPO: Double | Power | 1 | to bench, optional |
| 9010 | GPO: Emergency power, single | Power | 8 | 4 per pendant |
| 9010 | GPO: Emergency power, single | Power | 3 | on walls |
| 9010 | GPO: Emergency power, single | Power | 1 | to wall TV monitor, optional |
| 9000 | GPO: Single | Power | 3 | on walls |
| 9000 | GPO: Single | Power | 8 | 4 per pendant |
| 9060 | Special: for equipment | Power | 1 | 20 amp, for laser, optional |
| 11000 | Wall panel | Services Panels | 4 | flush mounted |