



Dental Surgery, Type 2

Room Code	DENSR-2
Briefed Area	14.50 m ²
Ceiling Height	2.7 m
Occupancy	1 patient; 1-2 carers / support persons; 1-2 staff
Hours of Operation	8am to 6pm, daily (dependent on unit operating hours)

Description | The Dental Surgery provides for dental consultation, examination and treatment for patients. This Standard Component shows a right-handed configuration and should not be mirrored. The layout may be adjusted to provide an ambidextrous set up. Dental surgery layouts will vary and will be dependent on existing/proposed workflows and the equipment procured.

Electrical | PROTECTION: body protected ☒
PROTECTION: cardiac protected ☐

Lighting | LIGHTING: general ☐
LIGHTING: colour corrected ☒
LIGHTING: dimmable ☐
LIGHTING: indirect ☐

Nurse Call and Duress | NURSE CALL SYSTEM: buttons / handset ☒

HVAC | AIRCONDITIONING: general ☒
AIRCONDITIONING: HEPA filtered ☐
AIRCONDITIONING: positive pressure ☐
AIRCONDITIONING: negative pressure ☐
VENTILATION: exhaust ☐
VENTILATION: natural ☐

Additional Considerations

- Services will be required for the dental chair unit; these will be dependent on the chair model and supplier and include dental air, dental suction, filtered water, power and drainage.
- Facilities for viewing physical x-ray films brought in by patients may be provided in a central location as required.
- An operational model for responding to calls from staff/patients will be needed to support the inclusion of a nurse call system and is to be determined based on service requirements.
- Radiation shielding to be advised by Radiation Consultant.
- An external outlook is desirable.



Doors and Windows

CODE	DESCRIPTION	COMMENT
DOHI-013.01	DOOR: hinged, 1 leaf, 900 clear opening, solid, standard vision panel	[DWGL-005]
AFDPR-006.01	DOOR PROTECTION: plate, to 900H	[DWPR-005] to corridor side, extent dependent on movement of beds and mobile equipment in adjacent area; to be coordinated with corridor wall protection
AFDPR-006.01	DOOR PROTECTION: plate, to 900H	[DWPR-005] to room side
AFDPR-056.03	DOOR FRAME PROTECTION: full wrap, to 1200H	[DWPR-010] optional, provision and extent dependent on frame material/finish and movement of beds and mobile equipment in adjacent area
WIFX-157.04	WINDOW: fixed, external, double glazed, sill at 900H, with integral blind	[DWWH-005 + DWWD-007] desirable



Finishes

CODE	DESCRIPTION	COMMENT
FLVY-101	FLOOR FINISH: vinyl, seamless, standard slip resistance	[FLVY-007] floor finish must be minimum slip rating R10 / Pendulum P3 or agreed equivalent to extend under basin or inset section of non-slip vinyl required
FLSK-021	SKIRTING: vinyl, integral with floor vinyl, coved	[FLSK-010]
WLFI-002	WALL FINISH: paint, clinical areas	[WLWA-004]
WLFI-101	SPLASHBACK: vinyl	[WLWA-007] to basin
WLFI-101	SPLASHBACK: vinyl	[WLWA-010] optional, to sink if provided
CLFS-011	CEILING: flush set, suspended	[CLFS-006]
CLFI-002	CEILING FINISH: paint, clinical areas	[CLFS-006]
CLCN-031	CORNICE: square set	[CLCN-008]



Joinery

CODE	DESCRIPTION	GROUP	QTY	COMMENT
JOBE-031	BENCH: 600D, laminate	①	2	[FIJO-059]
JOBE-221	BENCH SUPPORT: end panel	①	1	[FIJO-213]
JOBE-251	CAP: cable access	①	1	[FIJO-099]
JOCU-121	CUPBOARD: wall mounted, double door	①	1	[FIJO-145] optional, extent of storage dependent on service requirements and approach to consumables storage
JOCU-221	CUPBOARD: under bench, double door	①	1	[FIJO-135] below sink if provided
JOGE-001	BULKHEAD: joinery	①	2	[FIJO-212] optional, over wall mounted joinery if provided; plasterboard bulkhead is also acceptable



Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIDI-101	DISPENSER: PPE, disposable masks, wall mounted	②	1	[FIDI-021]
FIDI-106	DISPENSER: PPE, disposable gloves, wall mounted	②	2	[FIDI-014]
FIDI-231	DISPENSER: paper towel, wall mounted	②	1	[FIDI-025] to basin
FIDI-241	DISPENSER: alcohol-based hand rub, wall mounted	②	1	[FIDI-001]
FIDI-256	DISPENSER: soap, wall mounted	②	1	[FIDI-030] to basin
FIDI-261	DISPENSER: soap, antimicrobial, wall mounted	②	1	[FIDI-031] to basin
FIHR-101	BRACKET: suction bottle, wall mounted	②	1	[FIHR-019]
FIHR-111	BRACKET: sharps bin, wall mounted	②	1	[FIHR-016]
FIHR-121	RACK: lead apron, single, wall mounted	②	1	[FIHR-091] optional
FIHR-211	BRACKET: computer display screen, single, articulated, bench/desk mounted	②	1	[FIHR-088] articulated with smooth action, reach to be sufficient for left handed and right handed setup
FQBS-101	CHAIR: visitor, clinical areas	③	1	[FQBS-028]
FQBS-202	STOOL: clinical areas, mobile	③	2	[FQBS-051]
FQGE-121	CLOCK: analogue display, battery operated	③	1	[FQGE-005]

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FQWS-003	BIN: sharps, clinical, medium	③	1	[FQCW-044]
FQWS-051	BIN: general waste, 20L	③	1	[FQCW-016] to basin
HYBA-121	BASIN: type B, handwashing	①	1	[HYBA-010]
HYBA-421	SINK: dental, single bowl	①	1	[HYBA-079] optional
HYTP-066	TAPWARE: basin, tap set, wall mounted	①	1	[HYTP-037]
HYTP-151	TAPWARE: sink, mixer, fixture mounted	①	1	[HYTP-038] optional, to sink if provided
ITNE-076	TELEPHONE: handset, wall mounted	②	1	[ITNE-053]
ITNE-122	COMPUTER: single display screen, all-in-one, medical grade	③	1	[ITNE-063]
ITNE-203	INPUT DEVICE: keyboard and mouse, medical grade, washable	③	1	[ITNE-067]
MMDN-121	TROLLEY: dental, procedure	③	1	[MMDN-016]
MMGE-191	CANNISTER: suction bottle	③	1	[MMGE-100]



Major Medical Equipment (MME)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
MMDN-031	CHAIR: dental, electric	②	1	[MMDN-002]
MMDN-041	DELIVERY SYSTEM: instrumentation, dentist, chair mounted	②	1	[MMDN-021]
MMDN-051	DELIVERY SYSTEM: instrumentation, assistant, chair mounted	②	1	[MMDN-022]
MMDN-061	DISPLAY SCREEN: dental, chair mounted	②	1	[MMDN-025] optional
MMDN-072	LIGHT: dental, ceiling mounted	②	1	[MMDN-020]
MMDN-091	IMAGING DEVICE: dental x-ray, wall mounted	②	1	[MMDN-018]
MMDN-096	CONTROL PANEL: dental x-ray, remote activation	②	1	[MMDN-018]



Engineering Services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGE-002	DIRECT CONNECTION: power, emergency	①	1	[ELGE-004] to dental chair
ELGP-101	GPO: single, wall mounted	①	1	[ELGP-123] to x-ray unit
ELGP-105	GPO: single, wall mounted, cleaner	①	1	[ELGP-110]
ELGP-136	GPO: single, emergency power, ceiling mounted	①	1	[ELGP-125]
ELGP-201	GPO: double, wall mounted	①	6	[ELGP-208]
ELPR-071	RCD: residual current device, wall mounted	①	1	[ELPR-006]
ELPR-081	RCD: residual current device, emergency power, wall mounted	①	1	[ELPR-006]
ELSW-001	SWITCH: light	①	2	[ELBO-015] optional, to task lighting if provided
ELSW-001	SWITCH: light	①	1	[ELBO-015] to general room lighting
HYDR-206	DIRECT CONNECTION: wastewater, dental chair	①	1	[HYDR-001] to dental chair, dependent on service requirements and vendor specifications
HYTP-451	DIRECT CONNECTION: water, cold	①	1	[HYTP-008] to dental chair, dependent on service requirements and vendor specifications
ITCL-191	BUTTON: nurse call, emergency, with cancel, wall mounted	①	1	[ITCL-004] optional, depending on service requirements

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ITIN-012	OUTLET: data, single RJ45, in floor box	①	1	[ITIN-010] connection only, to dental chair, dependent on service requirements and vendor specifications
ITIN-016	OUTLET: data, single RJ45, wall mounted	①	1	[ITIN-016]
ITIN-026	OUTLET: data, double RJ45, wall mounted	①	1	[ITIN-026]
ITSE-061	BUTTON: security, duress, fixed, wall mounted	①	1	[ITSE-006]
LIFX-108	LIGHT: task, integral to joinery	①	2	[LIFX-008] optional, under wall mounted joinery if provided
MGAS-029	DIRECT CONNECTION: medical air	①	1	[MGAS-020] to dental chair, dependent on service requirements and vendor specifications
MGAS-099	DIRECT CONNECTION: suction, dental	①	1	[MGAS-090] to dental chair, dependent on service requirements and vendor specifications

Medical Services Panels and Pendants

CODE	DESCRIPTION	GROUP	QTY	COMMENT
Panel 1				
MMSP-051	MEDICAL SERVICES PANEL: wall mounted	①	1	[MMSP-026]
MGAS-032	OUTLET: nitrous oxide (N2O), on services panel	①	1	[MGAS-032] optional
MGAS-042	OUTLET: oxygen (O2), on services panel	①	1	[MGAS-042]
MGAS-052	OUTLET: scavenge, on services panel	①	1	[MGAS-053] optional
MGAS-062	OUTLET: suction, on services panel	①	1	[MGAS-062]
MGFP-041	FLOWMETER: oxygen	③	1	[MGFP-004]
MGFP-061	ADAPTER: suction	③	1	[MMGE-002]

For guidance on how to use the Room Data Sheet, please visit the [AusHFG website](#).