

Clinical Services Framework

Current Service Definitions

Government of Western Australia
Department of Health

Clinical Services

Part A: Medical

Cardiology

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> Emergency first assessment, treatment and appropriate referral. Provision of ETS. 	-	<ul style="list-style-type: none"> Staffed by an RN with some visiting services.
2	As for Level 1 plus: <ul style="list-style-type: none"> Initial assessment, stabilisation and transfer to a higher level facility. 	-	As for level 1 plus: <ul style="list-style-type: none"> On call medical cover by GP/VMP/SMO.
3	-	As for Level 2 plus: <ul style="list-style-type: none"> Access to non-invasive monitoring. 	As for Level 2 plus: <ul style="list-style-type: none"> GP inpatient care. 24/7 cover by RN. Access to some allied health services.
4	As for Level 3 plus: <ul style="list-style-type: none"> Inpatient care by on-site general medical physician. 	As for Level 3 plus: <ul style="list-style-type: none"> Access to consultancy service provided by a specialist or physician credentialed in cardiology. Access to designated allied health services. Non-invasive diagnostic procedures, echocardiograms and exercise stress testing. Links with community cardiac rehabilitation. 	As for Level 3 plus: <ul style="list-style-type: none"> On-site general medical physician. Some allied health undergraduate services.
5	As for Level 4 plus: <ul style="list-style-type: none"> Inpatient care by on-site cardiologist. 	As for Level 4 plus: <ul style="list-style-type: none"> CCU/HDU. Regional referral role. Links with Level 5 rehabilitation service. May provide some cardiology diagnostic and interventional services. Access to specialised allied health services. 	As for Level 4 plus: <ul style="list-style-type: none"> Registrar/RMO/Intern. On-site cardiologist. Emergency services available by on-call cardiologist. Access to specialist SRN. Some undergraduate teaching and possibly some research.
6	As for Level 5 plus: <ul style="list-style-type: none"> Full range of cardiac services including cardiac sub-specialties and emergency services. 	As for Level 5 plus: <ul style="list-style-type: none"> Statewide referral role. Complete range of diagnostic and interventional services (includes catheter labs). 	As for Level 5 plus: <ul style="list-style-type: none"> Undergraduate and postgraduate teaching role. Research role.

Dermatology

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	<ul style="list-style-type: none"> Access to phone advice and consultation including via Telehealth/e-health. 	-
3	As for Level 2 plus: <ul style="list-style-type: none"> GP inpatient care. 	-	-
4	As for Level 3 plus: <ul style="list-style-type: none"> Inpatient care. 	As for Level 3 plus: <ul style="list-style-type: none"> Phone advice and consultation provided from Level 5 or 6 services, including via Telehealth/e-health. 	As for Level 3 plus: <ul style="list-style-type: none"> May have a visiting dermatology registrar. On-site general medical physician and GPs.
5	As for Level 4 plus: <ul style="list-style-type: none"> Dermatology inpatients and consultation service for patients admitted under other specialties. 	As for Level 4 plus: <ul style="list-style-type: none"> Range of dermatology services. Dermatology department. 	As for Level 4 plus: <ul style="list-style-type: none"> Dermatology registrar. May have teaching and research role.
6	As for Level 5 plus: <ul style="list-style-type: none"> Comprehensive range of dermatology services. 	As for Level 5 plus: <ul style="list-style-type: none"> Access to MRI. Access to CT and PET (adult services). Access to phototherapy. Comprehensive patch testing service. Statewide referral, consultancy and decision support via Telehealth/e-health/phone. 	As for Level 5 plus: <ul style="list-style-type: none"> Specialist RN. May have dermatologist on-call 24/7. Teaching and research role.

Endocrinology

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	Inpatient care	<ul style="list-style-type: none"> Access to some allied health services. 	<ul style="list-style-type: none"> GP inpatient care. 24/7 cover by RN.
4	As for Level 3	As for Level 3 plus: <ul style="list-style-type: none"> Diabetes education service and integrated hospital/community diabetes management service. Access to designated allied health services. 	As for Level 3 plus: <ul style="list-style-type: none"> Inpatient care by on-site or visiting general medical physician or consultant. Specialist RN. Some allied health undergraduate education.
5	As for Level 4 plus: <ul style="list-style-type: none"> Emergency care available from on-call specialist. 	As for Level 4 plus: <ul style="list-style-type: none"> Regional referral role. Some undergraduate teaching and possibly research role. Links with Level 5 rehabilitation service. Access to specialised health services. 	As for Level 4 plus: <ul style="list-style-type: none"> Registrar/RMO. Inpatient care by on-site endocrinologist. Access to specialist SRN.
6	As for Level 5 plus: <ul style="list-style-type: none"> Full range of endocrinology services, with endocrinology department and emergency care. 	As for Level 5 plus: <ul style="list-style-type: none"> Statewide referral role. 	As for Level 5 plus: <ul style="list-style-type: none"> Undergraduate and postgraduate teaching role. Research role.

Gastroenterology

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	<ul style="list-style-type: none"> Inpatient care. 	<ul style="list-style-type: none"> May have fibre optic endoscopy by credentialed medical practitioner. Access to some allied health services. 	<ul style="list-style-type: none"> GP. 24/7 covered by RN.
4	As for Level 3 plus: <ul style="list-style-type: none"> Inpatient care by on-site general medical physician or visiting consultant. Gastroenterology services provided by integrated physician and surgical services. 	<ul style="list-style-type: none"> Regular endoscopy service including colonoscopy. Access to designated allied health services. 	As for Level 3 plus: <ul style="list-style-type: none"> General medical physician or visiting consultant. Specialist RN. Some allied health undergraduate education.
5	As for Level 4 plus: <ul style="list-style-type: none"> Inpatient care by on-site gastroenterologist. Emergency care available by on-call specialist. 	As for Level 4 plus: <ul style="list-style-type: none"> Full endoscopy service. Access to specialised allied health services. 	As for Level 4 plus: <ul style="list-style-type: none"> on-site gastroenterologist. Access to specialist SRN. Some undergraduate teaching and possibly some research role.
6	As for Level 5	As for Level 5 plus: <ul style="list-style-type: none"> Full range of gastroenterology services, with gastroenterology department and emergency care. Statewide referral role. 	As for Level 5 plus: <ul style="list-style-type: none"> Undergraduate and postgraduate teaching role. Research role.

General Medical

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> Provision of primary health care and urgent primary care. Emergency first assessment, treatment and appropriate referral. 	<ul style="list-style-type: none"> Telehealth services available (appropriate to location). 	<ul style="list-style-type: none"> Staffed by RN.
2	As for Level 1	As for Level 1	As for Level 1 plus: <ul style="list-style-type: none"> 24/7 on-call by GP/MP/SMO. 24/7 cover by RN.
3	As for Level 2 plus: <ul style="list-style-type: none"> Inpatient care. 	As for Level 2 plus: <ul style="list-style-type: none"> Access to some allied health services. 	As for Level 2 plus: <ul style="list-style-type: none"> Acute inpatient care provided where possible on-site/close oncall GP/MP/SMO available 24/7.
4	As for Level 3. In addition, patient care provided by general physician.	As for Level 3 plus: <ul style="list-style-type: none"> Phone advice and consultation provided to lower level sites including via Telehealth/ehealth. On-site designated allied health services. 	As for Level 3 plus: <ul style="list-style-type: none"> Inpatient care by on-site general medical physician and GPs. Specialist RN. Some allied health undergraduate education.
5	As for Level 4.	As for Level 4 plus: <ul style="list-style-type: none"> CCU/HDU. Regional referral role. Specialist consultation or diagnosis provided via Telehealth/e-health to rural and other smaller sites and services. Emergency services available by on-call specialist. On-site specialised allied health services. 	As for Level 4 plus: <ul style="list-style-type: none"> Inpatient care by on-site general medical physician, GPs and subspecialists. Visiting subspecialists. Registrar/RMO/Intern. Some undergraduate teaching.
6	As for Level 5 plus: <ul style="list-style-type: none"> Broad range of medical subspecialists and emergency medical services on-site 	As for Level 5 plus: <ul style="list-style-type: none"> Statewide referral role in certain subspecialties. 	As for Level 5 plus: <ul style="list-style-type: none"> Undergraduate and postgraduate teaching role.

Geriatric

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	<ul style="list-style-type: none"> Phone advice and support by regional aged care program (including ACAP). May coordinate and discharge to community and residential aged care services. May provide respite care. 	-
3	As for Level 2 plus: <ul style="list-style-type: none"> Inpatient care. 	As for Level 2 plus: <ul style="list-style-type: none"> Respite care and limited restorative services. Access to ACAT. Access to some allied health services. 	As for Level 2 plus: <ul style="list-style-type: none"> GP and access to visiting geriatrician or by Telehealth. 24/7 cover by RN.
4	As for Level 3.	As for Level 3 plus: <ul style="list-style-type: none"> Active assessment and rehabilitation services for inpatients. Most allied health disciplines available for inpatient subacute programs. 	As for Level 3 plus: <ul style="list-style-type: none"> Access to consultant physician specialising in geriatric medicine. Some allied health undergraduate education.
5	As for Level 4.	As for Level 4 plus: <ul style="list-style-type: none"> Links with inpatient rehabilitation unit. Links with geriatric psychiatry services. Co-located or links with psychogeriatric services. Access to specialised allied health services. 	As for Level 4 plus: <ul style="list-style-type: none"> Inpatient care by on-site specialist. Registrar/RMO. Access to specialist SRN. Some undergraduate teaching.
6	As for Level 5.	As for Level 5 plus: <ul style="list-style-type: none"> Statewide referral role. 	As for Level 5 plus: <ul style="list-style-type: none"> Undergraduate and postgraduate teaching role. Research role.

Haematology

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> No treatment facilities. Supportive care only. 	<ul style="list-style-type: none"> Part of a formalised networked haematology service. Access to cancer-specific support services. Access to the state-wide clinical genetics service. Access to palliative care. 	<p>Nursing:</p> <ul style="list-style-type: none"> Access to cancer nurse coordinator or specialist nurse for care coordination.
2	<p>As for Level 1 plus:</p> <ul style="list-style-type: none"> Provides management of non-admitted and admitted (same day) low risk systemic anticancer therapy and supportive treatment. Care is under supervision by a haematologist as part of a network or virtual care. Unplanned admitted (multiday) care provided by medical practitioner. Access to clinical trials. 	<p>As for Level 1 plus:</p> <ul style="list-style-type: none"> Admitted care provided by a medical practitioner with access to a haematologist, if required. Access to multidisciplinary case conferencing. Access to radiation oncology service. Access to routine pathology testing. Access to medical imaging. 	<p>As for Level 1 plus:</p> <p>Medical</p> <ul style="list-style-type: none"> Medical practitioner onsite during treatments. Access to medical practitioner 24/7. Access to haematologist for consultation and emergency advice as part of a formalised link. <p>Nursing</p> <ul style="list-style-type: none"> Chemotherapy competency for all nursing staff involved in the administration of chemotherapy. 24/7 cover by a registered nurse. Access to specialist nursing advice. <p>Pharmacy Services</p> <ul style="list-style-type: none"> Pharmacy service provided on site. <p>Allied Health</p> <ul style="list-style-type: none"> Access to allied health services.
3	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Access to non-admitted medical consultation clinics with a haematologist. Coordinates required diagnostics and development of treatment plan under the care of a haematologist. 	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Access to routine pathology tests with same day turnaround time. Access to blood products within required timeframes. Access to a central venous access service. 	<p>As for Level 2 plus:</p> <p>Medical</p> <ul style="list-style-type: none"> Access to medical haematologist for non-admitted medical consultation clinics. <p>Nursing</p> <ul style="list-style-type: none"> Specialist nursing on site. <p>Pharmacy Services</p> <ul style="list-style-type: none"> Access to cancer clinical pharmacist. <p>Allied Health</p> <ul style="list-style-type: none"> Allied health services on site. Access to cancer specialised allied health services.
4	<p>As per Level 3 plus:</p> <ul style="list-style-type: none"> Provides management of admitted (same day) medium risk systemic anticancer therapy. Haematologist on-site or virtual for non-admitted medical consultation clinics (malignant and non malignant). Admitted care provided by specialist general physician with access to a haematology service. Onsite collection of Bone Marrow Aspirates. 	<p>As per Level 3 plus:</p> <ul style="list-style-type: none"> Has routine automated pathology with urgent access when necessary to manage any complications of treatment. Onsite central venous access service. Onsite CT. 	<p>As for Level 3 plus:</p> <p>Medical</p> <ul style="list-style-type: none"> Non-admitted consultancy services provided by haematologist on-site or virtual. <p>Nursing</p> <ul style="list-style-type: none"> Specialist nursing, including cancer nurse coordinators onsite. <p>Pharmacy Services</p> <ul style="list-style-type: none"> Cancer clinical pharmacist onsite. <p>Allied Health</p> <ul style="list-style-type: none"> Allied health services designated to malignant and non malignant haematology.
5	<p>As per Level 4 plus:</p> <ul style="list-style-type: none"> Provides management of high risk systemic therapy protocols. Admitted (multiday) under the care of haematologist with designated cancer beds. Designated palliative care service. May include autologous transplantation (no allogeneic transplantation). 	<p>As per Level 4 plus:</p> <ul style="list-style-type: none"> Dedicated area within ward for cancer patient including designated cancer beds. Access to imaging guided diagnostic and therapeutic procedures. Access to range of medical and surgical specialities. Facilitates a MDT program and this may include patient referrals from lower level services. Onsite CT and MRI. 	<p>As for Level 4 plus:</p> <p>Medical</p> <ul style="list-style-type: none"> Has a haematology department. 24 hour, 7 day a week, haematology on call service. Admitted (multiday) care is provided by an on-site haematologist. <p>Pharmacy Services</p> <ul style="list-style-type: none"> Clinical pharmacist service provided 7 days a week with 24 hour on call service.
6	<p>As per Level 5 plus:</p> <ul style="list-style-type: none"> A comprehensive cancer service with a full range of haematology services. Serves as a reference centre within the haematology service network. Coordinates comprehensive, multidisciplinary cancer planning, including convening meetings to coordinate management of patient care across the network. Provides management of high risk complex protocols, including systemic therapy that can't be managed elsewhere. State centre for highly specialised therapies (e.g. CAR-T or cellular therapies). State centre for low-incidence, highly specialised cancers and act as a referral centre for a recognised cancer speciality. Provides an apheresis service. May include allogeneic transplantation. Complete non-malignant haematology service that includes transfusion medicine. Dedicated clinical trials unit including all phase clinical research trials and a comprehensive research team. Paediatric service provided at a qualified specialist children's service at a specialist children's hospital, which will include the services listed above. 	<p>As per Level 5 plus:</p> <ul style="list-style-type: none"> Statewide mentoring and specialist leadership role. Radiation therapy readily available, on-site. Allogeneic transplantation services delivered by an experienced allogeneic haematologist and clinical team. Dedicated standard isolation rooms with HEPA filtration for allogeneic transplantation. Cell separator accessible both for collection of peripheral blood progenitor cells and therapeutic apheresis. Access to advanced diagnostic and interventional imaging services. Quality programs for compliance and regulatory obligations for transplant and cellular therapies. Access to comprehensive laboratory services. 	<p>As per Level 5 plus:</p> <p>Medical</p> <ul style="list-style-type: none"> Haematologist to supervise cellular therapies/transplant. Haematologists with subspecialty expertise. For children, specialist paediatric and paediatric bone marrow transplant specialist available 24 hours. <p>Nursing</p> <ul style="list-style-type: none"> All specialist nursing roles provided onsite, including nurse practitioners, clinical nurse consultant, and cancer care coordinators. For children, paediatric transplant and cellular therapies clinical nurse specialists. Competency in apheresis service to support cellular therapies and provision of plasma exchange procedures. <p>Allied health</p> <ul style="list-style-type: none"> Cancer specialised allied health services on site. <p>Quality Manager</p> <ul style="list-style-type: none"> Facilitate accreditation and regulatory obligations for transplant and cellular therapies.

Immunology

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	<ul style="list-style-type: none"> GP inpatient care. 	<ul style="list-style-type: none"> Access to some allied health services. 	<ul style="list-style-type: none"> GP. 24/7 hour cover by RN. Access to some allied health services.
4	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Inpatient care by on-site general medical physician. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Phone advice and consultation provided to smaller sites, including via Telehealth/e-health Access to designated allied health services. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Inpatient care by on-site general medical physician. Capacity for the provision of specialist service by a visiting consultant Specialist RN. Some allied health undergraduate education.
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Full service for the assessment and treatment of patients with allergy disorders, acquired and primary immunodeficiency disorders and autoimmune diseases. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Regional referral role. Specialist consultation or diagnosis provided by Telehealth/e-health to rural and other smaller sites and services. Access to specialised allied health services. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Inpatient care by a Medical Specialities RMO. Registrar/RMO. Access to specialist SRN. Some undergraduate teaching and research.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Full range of clinical immunology services with immunology department and 24/7 clinical and laboratory on-call. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Statewide referral role. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Undergraduate and postgraduate teaching and training role. Research role.

Infectious Diseases

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	-	-	-
4	<p>Ambulatory and inpatient consulting services may be provided</p>	<ul style="list-style-type: none"> Facilities include isolation rooms with internal wash basins and toilets, as well as staff wash basins immediately outside the room. An area with separate air conditioning available. Delivery and administration of HITH to patients requiring intravenous antibiotic therapy Phone advice and consultation provided to smaller sites, including via Telehealth/ehealth 	<ul style="list-style-type: none"> Ambulatory and inpatient consulting services may be provided by generalist with training in infectious diseases. Infection control leadership responsibilities – supervises on-site CNM.
5	<p>As for Level 4.</p>	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Links with sexual health services, viral hepatitis and HIV services and microbiology department. Specialist consultation or diagnosis provided by Telehealth/e-health to rural and other smaller sites and services. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Medical registrar on-call 24/7. Dedicated infectious diseases & HITH registrar +/-RMO (basic or advanced trainee(s)). Appointed specialist with direct links with tertiary/quaternary level infectious diseases service. May have teaching and research role.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Designated inpatient area for management of infectious and communicable diseases. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Facilities to treat all quarantinable diseases (single site only – SCGH). Statewide referral role. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Medical registrar on-site 24/7. Has specialist infectious diseases physicians and advanced trainee infectious diseases registrar(s) and fellow(s). Infectious diseases CNCs with responsibilities in sexual health, viral hepatitis, HIV, clinical trials and infection control. Major teaching and research role.

Neurology

CSF Level	Service Description	Service Requirements	Workforce
1	-	<ul style="list-style-type: none"> Emergency services. 	<ul style="list-style-type: none"> Assessment and non-acute care by community health staff and GPs
2	As for Level 1 plus: <ul style="list-style-type: none"> Inpatient care. 	As for Level 1 plus: <ul style="list-style-type: none"> Referral coordination and linkage with specialist programs and/or diagnostic services. 	As for Level 1 plus: <ul style="list-style-type: none"> GP inpatient care. 24/7 cover by RN.
3	As for Level 2.	As for Level 2 plus: <ul style="list-style-type: none"> Access to some allied health services. 	As for Level 2
4	As for Level 3.	As for Level 3 plus: <ul style="list-style-type: none"> On-site Level 4 rehabilitation services. Access to geriatricians. On-site CT. Access to MRI. Access to designated allied health services. 	As for Level 3 plus: <ul style="list-style-type: none"> Inpatient care by on-site general medical physician. Capability of a visiting specialist to provide a consultancy service Specialist RN. Some allied health undergraduate education.
5	-	As for Level 4 plus: <ul style="list-style-type: none"> Regional referral role. Access to specialist SRN. Some undergraduate teaching and possibly some research role. Neurosurgery support, EMG, nerve conduction, evoked responses and EEG on-site. On-site MRI. 	As for Level 4 plus: <ul style="list-style-type: none"> Inpatient care by on-site neurologist. Registrar/RMO. Emergency services provided by on-call neurologist. Access to specialised allied health services.
6	-	As for Level 5 plus: <ul style="list-style-type: none"> Full range of neurology services, with neurology department and emergency care. Statewide referral role. Undergraduate and postgraduate teaching role. Access to PET. Research role. 	-

Oncology

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> No treatment facilities - Supportive care only. 	<ul style="list-style-type: none"> Part of a formalised networked oncology service. Access to cancer-specific support services. Access to the state-wide clinical genetics service. Access to palliative care. 	Nursing <ul style="list-style-type: none"> Access to cancer nurse coordinator or specialist nurse for care coordination.
2	As for Level 1 plus: <ul style="list-style-type: none"> Provides management of non-admitted and admitted (same day) low risk systemic anticancer therapy and supportive treatment. Care is under supervision by a medical oncologist as part of a network or virtual care. Unplanned admitted (multiday) care is provided by medical practitioner. Access to clinical trials. Operates as a designated telechemotherapy unit. 	As for level 1 plus: <ul style="list-style-type: none"> Admitted care provided by a medical practitioner with access to a Medical Oncologist, if required. Access to multidisciplinary case conferencing with tumour specific specialist. Access to routine pathology testing. Access to medical imaging. Access to radiation oncology service. 	As for level 1 plus: <ul style="list-style-type: none"> Medical <ul style="list-style-type: none"> Medical practitioner onsite during treatments. Access to medical practitioner 24/7. Access to medical oncologist for consultation and emergency advice as part of an agreement with a higher level service. Nursing <ul style="list-style-type: none"> Chemotherapy competency for all nursing staff involved in the administration of chemotherapy. 24/7 cover by a registered nurse. Access to specialist nursing advice. Pharmacy Services <ul style="list-style-type: none"> Pharmacy service provided on site. Allied Health <ul style="list-style-type: none"> Access to allied health services.
3	As for Level 2 plus: <ul style="list-style-type: none"> Access to non-admitted medical consultation clinics with a medical oncologist. Coordinates required diagnostics and development of treatment plan under the care of a medical oncologist. May operate as a designated regional cancer unit. 	As for Level 2 plus: <ul style="list-style-type: none"> Access to routine pathology testing with sameday turnaround time. Access to central venous access service. 	As for Level 2 plus: <ul style="list-style-type: none"> Medical <ul style="list-style-type: none"> Access to medical oncologist for non-admitted medical consultation clinics. Nursing <ul style="list-style-type: none"> Specialist nursing on site. Pharmacy Services <ul style="list-style-type: none"> Access to cancer clinical pharmacist. Allied Health <ul style="list-style-type: none"> Allied health services on site. Access to cancer specialised allied health services.
4	As for Level 3 plus: <ul style="list-style-type: none"> Provides management of admitted (same day) medium risk systemic anticancer therapy. Medical oncologist on-site or virtual for non-admitted medical consultation clinics. Admitted care under specialist general physician or cancer specialist. 	As for Level 3 plus: <ul style="list-style-type: none"> Has routine automated pathology with urgent access when necessary to manage any complications of treatment. Onsite central venous access service. Onsite CT. 	As for Level 3 plus: <ul style="list-style-type: none"> Medical <ul style="list-style-type: none"> Non-admitted consultancy services provided by medical oncologist on-site or virtual. Nursing <ul style="list-style-type: none"> Specialist nursing, including cancer nurse coordinators or cancer nurse specialists on site. Pharmacy Services <ul style="list-style-type: none"> Cancer clinical pharmacist onsite. Allied Health <ul style="list-style-type: none"> Allied health services designated to cancer care. "
5	As for Level 4 plus: <ul style="list-style-type: none"> Provides management of high risk systemic therapy protocols. Admitted (multiday) under the care of medical oncologist with designated cancer beds. Designated palliative care service. 	As for Level 4 plus: <ul style="list-style-type: none"> Dedicated area within ward for cancer patient including designated cancer beds. Access to imaging guided diagnostic and therapeutic procedures. Access to range of medical and surgical specialities. Facilitates a MDT program and this may include patient referrals from lower level services. Onsite CT and MRI. 	As for Level 4 plus: <ul style="list-style-type: none"> Medical <ul style="list-style-type: none"> Has an oncology department. 24 hour, 7 day a week, oncology on call service. Admitted (multiday) care is provided by an on-site medical oncologist. Pharmacy Services <ul style="list-style-type: none"> Clinical pharmacist service provided 7 days a week with 24 hour on call service.
6	As for Level 5 plus: <ul style="list-style-type: none"> A comprehensive cancer service with a full range of oncology services. Serves as the reference centre within the medical oncology service network. Coordinates comprehensive, multidisciplinary cancer planning, including convening meetings to coordinate management of patient care across the network. Provides management of high risk complex protocols, including systemic therapy that can't be managed elsewhere. State centre for low-incidence, highly specialised cancers and act as a referral centre for a recognised cancer speciality. Dedicated clinical trials unit including all phase clinical research trials and a comprehensive research team. Paediatric service provided at a qualified specialist children's service at a specialist children's hospital, which will include the services listed above. 	As for Level 5 plus: <ul style="list-style-type: none"> Statewide mentoring and specialist leadership role. Radiation therapy readily available, on-site to manage chemoradiation protocols for high risk patients requiring inpatient care. Provides advanced treatments including radiopharmaceutical cancer treatment. Access to subspecialty surgeon management by tumour stream. Access to advanced diagnostic and interventional imaging services. 	As for Level 5 plus: <ul style="list-style-type: none"> Medical <ul style="list-style-type: none"> Medical oncologists with subspecialty expertise. For children, specialist paediatric medical oncologist, available 24 hours. Nursing <ul style="list-style-type: none"> All specialist nursing roles provided onsite, including clinical nurse consultant, clinical nurse specialist and cancer care coordinators. Allied health <ul style="list-style-type: none"> Cancer specialised allied health services on site.

Palliative Care

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> Assessment, referral and management by local GPs. Emergency assessment and referral. 	<ul style="list-style-type: none"> Links with the palliative care network. Access to Telehealth services or support. 	<ul style="list-style-type: none"> Local GPs. Visiting primary health care providers.
2	As for Level 1 plus: <ul style="list-style-type: none"> Referral, coordination and link with specialist community and inpatient programs. 	As for Level 1 plus: <ul style="list-style-type: none"> Access to some allied health services. 	As for Level 1 plus: <ul style="list-style-type: none"> Inpatient care by GP in consultation with specialist services. 24/7 cover by RN.
3	As for Level 2.	As for Level 2.	As for Level 2 plus: <ul style="list-style-type: none"> 24/7 cover by clinical nurse with training and/or experience in palliative care services.
4	As for Level 3.	As for Level 3 plus: <ul style="list-style-type: none"> Access to designated allied health services. 	As for Level 3 plus: <ul style="list-style-type: none"> Palliative care patients managed by GP and medical practitioner specialising in palliative care. Access to specialist SRN. Some allied health undergraduate education.
5	As for Level 4 plus: <ul style="list-style-type: none"> Inpatient care. 	As for Level 4 plus: <ul style="list-style-type: none"> Regional referral role. Links with oncology radiotherapy, anaesthetics, psychiatry, pain clinic and rehabilitation Access to specialised allied health services. 	As for Level 4 plus: <ul style="list-style-type: none"> Inpatient care by on-site palliative care physician. Registrar/RMO. Integrated community consultative service under direction of palliative care physician. Undergraduate teaching and some research role.
6	As for Level 5 plus: <ul style="list-style-type: none"> Full range of palliative care services with palliative care specialist providing consultancy to other units referral hospitals 	As for Level 5 plus: <ul style="list-style-type: none"> Emergency services available. Statewide referral role. 	As for Level 5 plus: <ul style="list-style-type: none"> 24/7 on-call specialist. Undergraduate and postgraduate teaching role.

Radiation Oncology

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	<ul style="list-style-type: none"> Provides access to non-admitted treatment services and planning for cancers requiring common treatment modalities using external beam therapy, but exclude specialist radiation oncology services, such as brachytherapy. Treatment facilities may be provided by a private provider that is off site or co-located with the hospital. Forms part of a multidisciplinary team. Formal referral network with Level 6 service for specialised radiotherapy services not available at treatment facility. Access to an emergency after-hours service. Access to clinical trials. 	<ul style="list-style-type: none"> Simulation and treatment planning at the treatment facility or via networked arrangement with a Level 6 service. Access to medical imaging services required for treatment planning. Access to a range of Level 4 or 5 medical and surgical facilities including a Level 4 medical oncology service for concurrent regimens. Access to inpatient beds as required (not necessarily co-located with the treatment facility). 	Medical <ul style="list-style-type: none"> Access to a radiation oncologist. Nursing <ul style="list-style-type: none"> Onsite specialist radiation oncology RN at treatment facility. Allied Health: <ul style="list-style-type: none"> Access to specialised cancer allied health services. Onsite radiation therapists at treatment facility.
6	As for Level 5 plus: <ul style="list-style-type: none"> Serves as the reference centre within the radiation oncology service network. Access to subspecialties for radiation consultations and specialised treatment and techniques. Provides 24 hour on call service. Provides inpatient care co-located with treatment facility. 	As for Level 5 plus: <ul style="list-style-type: none"> Acute inpatient beds on-site for specialised procedures, such as brachytherapy. Capacity to manage procedures requiring anaesthesia. 	As for Level 5 plus: <ul style="list-style-type: none"> Medical: <ul style="list-style-type: none"> Has a radiation oncology department. Radiation oncologist available 24 hours. For paediatric patients, specialist paediatric radiation oncologist available 24 hours. For paediatric patients, access to a specialist paediatric anaesthetist, nurse and anaesthetic technician at the treatment facility. Allied Health <ul style="list-style-type: none"> Specialised cancer allied health services on site.

Renal

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	-	<ul style="list-style-type: none"> May accommodate self-care dialysis inpatients. 	Medical <ul style="list-style-type: none"> GP inpatient care. Access to general medical physician or visiting renal specialist or by Telehealth. Nursing <ul style="list-style-type: none"> 24/7 cover by RN. Allied Health <ul style="list-style-type: none"> Access to some allied health services.
4	-	As for level 3: <ul style="list-style-type: none"> May have on-site haemodialysis. 	As for level 3 plus: <ul style="list-style-type: none"> Medical <ul style="list-style-type: none"> Inpatient care by on-site general medical physician. Nursing <ul style="list-style-type: none"> Specialist RN. Allied Health <ul style="list-style-type: none"> Access to designated allied health services. Some allied health undergraduate education.
5	-	As for level 4 plus: <ul style="list-style-type: none"> All types of dialysis available and renal biopsies performed. Provides a full range of dialysis access surgery. Regional referral role. 	As for level 4 plus: <ul style="list-style-type: none"> Medical <ul style="list-style-type: none"> Inpatient care by on-site renal specialists. Registrar/RMO. Emergency services provided by on-call specialist. Nursing <ul style="list-style-type: none"> Access to specialist SRN. Allied Health <ul style="list-style-type: none"> Access to specialist allied health services. Other <ul style="list-style-type: none"> Some undergraduate teaching and possibly some research role.
6	-	As for level 5 plus: <ul style="list-style-type: none"> Full range of renal services, with renal department and emergency care services. Statewide referral role and statewide geographical area based service delivery role. Renal transplantation available. 	As for level 5 plus: <ul style="list-style-type: none"> Nursing <ul style="list-style-type: none"> Coordinated by full time renal unit manager. Other <ul style="list-style-type: none"> Undergraduate and postgraduate teaching role. Research role.

Respiratory

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	Inpatient care	<ul style="list-style-type: none"> Access to spirometry. Access to Specialist SRN Network. Access to some allied health services. 	<ul style="list-style-type: none"> GP inpatient care. 24/7 cover by RN.
4	As for Level 3	As for Level 3 plus: <ul style="list-style-type: none"> Capability to provide bronchoscopy by visiting consultant. Access to lung function diagnostics (spirometry, volumes and gas transfer). Links with sleep service. Provision of NIV. Links with community services e.g. pulmonary rehabilitation. 	As for Level 3 plus: <ul style="list-style-type: none"> Inpatient care by on-site general medical physician. Specialist SRN. Access to respiratory specialist for inpatient consultation. Some allied health undergraduate education.
5	As for Level 4.	As for Level 4 plus: <ul style="list-style-type: none"> Emergency care provided by oncall specialist. Regional referral role. Provision of lung function laboratory. On-site bronchoscopy services. Access to Level 5 cardiology and cardiothoracic surgery. Strongly linked with sleep service. Access to specialised allied health services. 	As for Level 4 plus: <ul style="list-style-type: none"> Inpatient care by on-site respiratory specialist. Registrar/RMO. On-site specialist SRN. Emergency care provided by oncall specialist. Significant undergraduate teaching.
6	As for Level 5 plus: <ul style="list-style-type: none"> Full range of respiratory services, with respiratory department and emergency care. 	As for Level 5 plus: <ul style="list-style-type: none"> Statewide referral role. Respiratory function laboratory. Provision of complete diagnostic services including bronchoscopy suite. Specialised respiratory ward, with NIV capability. 	As for Level 5 plus: <ul style="list-style-type: none"> Undergraduate and postgraduate teaching role. Research role.

Rheumatology

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	<ul style="list-style-type: none"> Inpatient care. 	<ul style="list-style-type: none"> GP inpatient care. Liaison with NGO/ government providers for access to aids and home modifications Access to some allied health services. 	<ul style="list-style-type: none"> GP inpatient care. 24/7 cover by RN.
4	As for Level 3.	As for Level 3 plus: <ul style="list-style-type: none"> Links with Level 4 rehabilitation service at minimum. Provide a range of same-day procedures. Access to designated allied health services and specialist RN. 	As for Level 3 plus: <ul style="list-style-type: none"> Inpatient care by on-site physician and inpatient consultative service by a visiting rheumatologist.
5	As for Level 4 plus: <ul style="list-style-type: none"> Emergency care available by oncall specialist/ rheumatologist. 	As for Level 4 plus: <ul style="list-style-type: none"> After-hours patients to be admitted under general medicine with direct links to Level 6 rheumatology service. Regional referral role. Links with Level 5 rehabilitation service at minimum. Provides a range of same-day procedures. Access to specialised allied health services and specialist RN. 	As for Level 4 plus: <ul style="list-style-type: none"> Emergency care available by oncall specialist / rheumatologist. Inpatient care by rheumatologist. Registrar/RMO. Some undergraduate teaching and possibly research.
6	As for Level 5 plus: <ul style="list-style-type: none"> Full range of rheumatology services, with rheumatology department and emergency care 	As for Level 5 plus: <ul style="list-style-type: none"> Statewide referral role. Accredited site for advanced training i.e. advanced trainee(s) in rheumatology. 	As for Level 5 plus: <ul style="list-style-type: none"> Undergraduate and postgraduate teaching role. Research role.

Sexual Health

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	-	<ul style="list-style-type: none"> Access to specialist medical services. Links with sexual assault services. 	<ul style="list-style-type: none"> NP or MO or public health physician.
4	-	As for Level 3 plus: <ul style="list-style-type: none"> Sexual health physician sessions. Formal links with specialist services including HIV. Research and multidisciplinary health promotion conducted. 	As for Level 3 plus: <ul style="list-style-type: none"> Provides GP and junior staff training and support.
5	-	As for Level 4 plus: <ul style="list-style-type: none"> Specialist clinics in areas such as dermatology and colposcopy On-site laboratory. Integrated with Level 6 services. Statewide responsibility to mentor and support Level 1-4 services 	As for Level 4 plus: <ul style="list-style-type: none"> Sexual health physician on staff. Team of medical and nursing staff with recognised qualifications Clinical research and professional development. Undergraduate and postgraduate teaching.
6	-	As for Level 5 plus: <ul style="list-style-type: none"> Access to inpatient beds and services including theatres and HITH 	-

Clinical Services

Part B: Surgical



Government of Western Australia
Department of Health

Burns

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	• Able to provide emergency stabilisation service for burns.	• Access to same-day dressing services.	• Communication with statewide specialist burns team via telehealth or other form of communication.
3	-	As for level 2 plus: • On-site allied health services.	-
4	-	-	-
5	-	-	-
6	• Full range of burns services, with a special burns unit, including all emergency cases and all surgery for burns.	• Statewide referral role. • Access to specialised AH services. • Access to specialised rehab services.	• 24/7 on-call cover. • Emergency care services provided by on-call specialist. • Undergraduate and post graduate teaching role. • Research role.

Cardiothoracic

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	• Emergency thoracic and cardiothoracic procedures by visiting/on call cardiothoracic surgeons.	• ICU/CCU. • Level 5 on-site rehabilitation services available. • Links with palliative care and pain management services. • Some regional referral. • Access to specialist SRN. • Access to specialised allied health services.	• Some allied health undergraduate education. • Some allied health undergraduate education.
6	As for level 5 plus: • Elective and emergency thoracic & CTX procedures by CTX surgeons. • Ability to deal with highly complex diagnosis and treatment in association with other specialities.	• Statewide referral role. • To include heart and lung transplantation at selected sites. • Level 6 ICU.	• Cardiothoracic registrar/RMO. • Undergraduate & post graduate teaching role. • Research role.

Dental

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	Dental • Infant and child dental. • Adult dental. • Specialty dental.	• Limited planned dental surgery. • Emergency cases managed by ED or GP in liaison or partnership or referral to community or other dentists, as required.	-
4	As for level 3 plus: • Day surgery type cases (may include oral surgery, paediatric dental surgery and special needs dental surgery). • Uncomplicated elective surgery.	• Fixed Site. • Follow up post-operative care may be in a community or hospital setting.	• Theatre trained nurses. • Care provided by registered dentist or visiting surgical specialist. • Visiting anaesthetist.
5	As for Level 4 plus: • Provision of specialty day surgery.	• On call service. • Access to specialist dental clinics. • Access to ICU/HDU. • Access to specialist nursing and AH.	• Care provided by specialists in dentistry/oral surgery. • Undergraduate & postgraduate teaching. • Links with oral & maxillofacial surgery.
6	As for Level 5 plus: • Full range of complex dental & oral surgery for emergency and elective cases.	• Statewide referral role. • Access to other dental & medical specialists (e.g. trauma, plastic, ENT, hyperbaric, oncology). • On site dental prosthetic services. • Provision of specialist dental clinics on site.	• 24/7 on-call cover. • Substantial teaching and research role. • Specialist may be dual trained (dentistry and oral surgery).

ENT

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	• Day surgery type cases for uncomplicated elective surgery. • May offer paediatric ENT if paediatric skilled consultant anaesthetist available.	-	• May have visiting ENT surgeon and anaesthetist.
4	As for Level 3 plus: • Common and intermediate surgery done on low or moderate risk patients by visiting ENT surgeon. • No neuro-optic or intracranial surgery.	As for Level 3 plus: • Access to designated AH services.	As for Level 3 plus: • Some AH undergraduate education.
5	As for Level 4 plus: • Diagnostic services and surgery on low, moderate and high risk patients by on-call ENT surgeon.	As for Level 4 plus: • Regional referral role. • Access to specialist SRN. • Links with oncology, radiotherapy and palliative care services. • Limited neuro-optic surgery. • Access to specialised AH services.	As for Level 4 plus: • May have some teaching and research.
6	As for Level 5 plus: • Ability to deal with all cases including full range or complex cases in association with other specialists including neuro-optic and intracranial procedures if Level 6 neurosurgery available on-site.	As for Level 5 plus: • Emergency services available. • Statewide referral role.	As for Level 5 plus: • ENT registrar/ RMO. • Undergraduate and postgraduate role. • Research role.

General Surgery

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	• Same-day procedures performed under local anaesthetic / light sedation by GPs or trained nurses.	• Simple therapeutic and diagnostic procedures in a procedure room. • Access to medical services if required.	• Visiting GP. • 24/7 on-site RN.
3	As for Level 2 plus: • Day surgery type cases, uncomplicated elective surgery.	As for Level 2 plus: • Access to some AH services. • Inpatient care following surgery.	As for Level 2 plus: • GP and visiting general surgical specialist. • Visiting anaesthetist with visiting surgeon. • Theatre trained RN.
4	As for level 3 plus: • Broad range of general elective and emergency surgery (if site has an ED) and some specialty surgery.	As for Level 3 plus: • More than one theatre. • May include High-dependency nursing unit. • Access to designated AH services.	As for Level 3 plus: • Surgery by GPs, gen surgeons and visiting sub-specialists. • Theatre trained nurses. • Some allied health undergraduate education.
5	As for level 4	As for Level 4 plus: • ICU. • Access to specialised AH services.	As for Level 4 plus: • General surgeons sub-specialists and visiting sub specialists. • Registrar / RMO. • Some teaching and research role.
6	As for Level 5 plus: • Full range of surgical sub-specialists.	As for Level 5 plus: • Statewide referral role. • May include kidney and liver transplantation at selected sites.	• Undergraduate and post-graduate teaching role. • Research role.

Gynaecology

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	• Common & intermediate procedures on low or moderate risk patients by credentialed GP or visiting surgeon.	• Access to visiting gynaecologist or by Telehealth. • Access to some allied health services.	credentialed GP or visiting surgeon
4	As for Level 3 plus: • Common, intermediate and some major procedures on low and moderate risk patients performed by visiting gynaecologists.	As for Level 3 plus: • Links with oncology, radiotherapy and palliative care services. • Access to designated allied health services.	As for Level 3 plus: • visiting gynaecologists. • Some AH undergraduate education.
5	As for Level 4 plus: • Diagnostic services and surgery on low, moderate and high risk patients by on-call gynaecologists.	As for Level 4 plus: • Regional referral role. • Access to specialised health services.	As for Level 4 plus: • On-call gynaecologists. • May have gynaecology registrar / RMO. • Access to specialist SRN. • May have some teaching and research.
6	As for Level 5 plus: • Ability to deal with all cases including full range of complex cases in association with other specialists including reproductive endocrinology, infertility, gynaecological malignancy.	As for Level 5 plus: • Full emergency services. • Statewide referral role.	As for Level 5 plus: • Gynaecology registrar/RMO and possibly registrars in subspecialties. • Undergraduate and post graduate teaching role. • Research role.

Neurosurgery

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	-	-	-
4	-	• Operating equipment adequate for emergency neurosurgery. • Links with Level 4 rehabilitation services. • Access to designated allied health services.	• Neurosurgical consultation available. • Some AH undergraduate education.
5	As for level 4 plus: • Diagnostic services and surgery on low, moderate and high-risk patients by on-call neurosurgeon.	As for Level 4 plus: • Designated neurosurgical beds. • Access to specialist SRN. • 24/7 access to CT. • Links with brain and spinal injury rehabilitation. • Access to specialised health services.	As for Level 4 plus: • on-call neurosurgeon. • May have some teaching and research role.
6	As for level 5 plus: • Ability to deal with all cases including all emergency cases.	As for Level 5 plus: • Advanced interventional procedures within specialist theatres. • Neurosurgical ward and neurosurgical high dependency / ICU. • Links with Level 5 rehabilitation service. • Statewide referral role.	As for Level 5 plus: • Neurosurgical registrar / RMO. • Undergraduate and post graduate teaching role. • Research role.

Ophthalmology

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	• Minor procedures and diagnosis on low risk patients by visiting ophthalmic surgeon.	-	• Visiting ophthalmic surgeon.
4	As for level 3 plus: • Procedures on low or moderate risk patients by visiting ophthalmic surgeons.	As for Level 3 plus: • Access to orthoptists.	As for Level 3.
5	As for Level 4 plus: • Diagnostic Services and Surgery on low, moderate and high risk patients by on-call ophthalmic surgeon.	-	As for Level 4 plus: • On-call ophthalmic surgeon. • Orthoptists on staff. • May have teaching and research role.
6	As for Level 5 plus: • Ability to deal with all cases including full range of complex cases in association with other specialists.	As for Level 5 plus: • Full emergency services. • Access to specialist SRN. • Able to undertake neuro-ophthalmology where Level 6 neurosurgery available on site. • Access to Level 6 radiology. • Access to radiotherapy. • Statewide referral role.	As for Level 5 plus: • Ophthalmology registrar/RMO. • Undergraduate and post graduate teaching role. • Research role.

Oral and Maxillofacial

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	-	-	-
4	• Access to on-call oral/maxillofacial specialist for low complexity services.	-	• On-call oral / maxillo facial specialist.
5	As for Level 4 plus: • Provides unplanned and planned maxillofacial surgery for comprehensive, complex and trauma procedures.	As for Level 4 plus: • Links with dental and plastic surgery services. • Access to on-call services. • Access to other specialties and MDT. • Links with a tertiary maxillofacial / plastic department.	As for Level 4 plus: • Teaching and training.
6	As for Level 5 plus: • Full range of minor and complex surgery including emergency and planned procedures for adults and / or children.	As for Level 5 plus: • Statewide referral role. • Access to other specialists (e.g. orthodontist, plastic, ENT, hyperbaric, sleep). • Access to specialist SRN. • Access to prosthetic services.	As for Level 5 plus: • 24/7 on-call cover. • Specialist may be dual trained (surgery and dentistry). • undergraduate and post graduate teaching.

Orthopaedics

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	<ul style="list-style-type: none"> Minor reduction of fractures performed on low-risk patients by GP or visiting general surgeon with experience in orthopaedics. 	<ul style="list-style-type: none"> Orthopaedic consultation available. Access to Telehealth and/or ETS. Must be linked with appropriate imaging - limited to chest and limbs by nurse x-ray operators. 	<ul style="list-style-type: none"> GP or visiting general surgeon with experience in orthopaedics.
3	As for Level 2 plus: <ul style="list-style-type: none"> Common and intermediate procedures on low or moderate risk patients performed by visiting orthopaedic or general surgeon credentialed in orthopaedics. 	As for Level 2 plus: <ul style="list-style-type: none"> General orthopaedic equipment and theatre x-ray available. Preferably access to specialist SRN. Access to some allied health services. 	As for Level 2 plus: <ul style="list-style-type: none"> Visiting orthopaedic or general surgeon credentialed in orthopaedics.
4	As for Level 3 plus: <ul style="list-style-type: none"> Common and intermediate procedures on low or moderate risk patients performed by on call orthopaedic surgeon. 	As for Level 3 plus: <ul style="list-style-type: none"> Access to Level 4 rehabilitation service at a minimum. Access to specialist SRN. Access to designated AH services. 	As for Level 3 plus: <ul style="list-style-type: none"> on call orthopaedic surgeon. Some allied health undergraduate education.
5	As for Level 4 plus: <ul style="list-style-type: none"> Full range of major diagnostic and procedures on low, moderate and high risk patients performed by on call orthopaedic surgeons. 	As for Level 4 plus: <ul style="list-style-type: none"> May provide regional services. Access to subspecialties. Links with Level 5 rehabilitation service. Access to specialised allied health services. 	As for Level 4 plus: <ul style="list-style-type: none"> on call orthopaedic surgeons. Orthopaedic registrar on-call. May have a teaching and research role.
6	As for Level 5 plus: <ul style="list-style-type: none"> Ability to deal with all cases including full range of complex cases (and all emergency) in association with other specialists. 	As for Level 5 plus: <ul style="list-style-type: none"> Statewide referral role. Links with Level 6 rehab service. 	As for Level 5 plus: <ul style="list-style-type: none"> Research role. Undergraduate and post graduate teaching role.

Plastics

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	<ul style="list-style-type: none"> Same day procedures by GP. 	-	-
3	As for Level 2	As for Level 2 plus: <ul style="list-style-type: none"> Access to some allied health services. 	-
4	As for Level 3 plus: <ul style="list-style-type: none"> Selected minor procedures on low and moderate risk patients by visiting plastic surgeons. 	As for Level 3 plus: <ul style="list-style-type: none"> Access to designated allied health services. 	As for Level 3 plus: <ul style="list-style-type: none"> Visiting plastic surgeons. Some allied health undergraduate education. May have some teaching and training.
5	As for Level 4 plus: <ul style="list-style-type: none"> Diagnostic services and surgery on low, moderate and high risk patients by on-call plastic surgeons. 	As for Level 4 plus: <ul style="list-style-type: none"> Access to designated allied health services. 	As for Level 4 plus: <ul style="list-style-type: none"> On-call plastic surgeons. Some allied health undergraduate education. May have some teaching and training.
6	As for Level 5 plus: <ul style="list-style-type: none"> Able to deal with all cases including emergency cases. 	As for Level 5 plus: <ul style="list-style-type: none"> Statewide referral roles. 	As for Level 5 plus: <ul style="list-style-type: none"> Plastics registrar / RMO. Access to specialist SRN. Undergraduate and post graduate teaching role. May have research role.

Trauma

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	<ul style="list-style-type: none"> Participates in the care of minor trauma. Rural: May be the occasional need for resuscitation of a major trauma patient, with rapid transfer on. Primary retrieval from incident site as the nearest emergency service. Secondary retrieval by fixed wing, rotary wing to major trauma centres. Secondary retrieval of minor trauma by fixed wing or road transport to regional trauma centres. Initial disaster response in a multi casualty even where centre is the nearest emergency health service. Rural trauma services. Equivalent to level IV RACS TVMRC (2009). 	<ul style="list-style-type: none"> Access to ETS. 	<ul style="list-style-type: none"> Access to medical doctor advice within 30 minutes or medical doctor in attendance within 30 minutes.
4	As for Level 3 plus: <ul style="list-style-type: none"> Prompt assessment, resuscitation, emergency surgery and stabilisation of a small number of seriously injured patients and transfer on. General surgical service and participates in the care of minor trauma. Role in management, assessment and treatment of minor trauma in multi-casualty disaster response. Equivalent to Level III RACS TVMRC (2009). 	As for Level 3 plus: <ul style="list-style-type: none"> Radiology facilities. Provision for helicopter landing nearby. 	As for Level 3 plus: <ul style="list-style-type: none"> 24/7 availability of an on-call specialist surgeon and anaesthetist and/or general anaesthetist. Nurse experienced in trauma.
5	As for Level 4 plus: <ul style="list-style-type: none"> Role in management of major trauma cases; 48hrs during multi-casualty disaster response. Equivalent to Level II RACS TVMRC (2009). 	As for Level 4 plus: <ul style="list-style-type: none"> High level ICU trauma team response ; operating suites with 24/7 availability. On-site helicopter landing site. 	As for Level 4 plus: <ul style="list-style-type: none"> A surgeon available in specialties commensurate with Level 6. 24/7 availability of neurosurgical and cardiothoracic services.
6	As for Level 5 plus: <ul style="list-style-type: none"> Full spectrum of care. Lead role in the coordination and management of mass casualty and disaster preparedness scenarios. Principal hospital for reception of inter hospital transfer of major trauma patients. Leadership responsibilities. Equivalent to Level I RACS TVMRC (2009). 	<ul style="list-style-type: none"> Elective and emergency surgery in neurosurgery, cardiothoracic surgery, orthopaedics and plastics. Trauma Systems overview. QI program. Data collection. Prevention and outreach programs. Trauma audit. 	<ul style="list-style-type: none"> 24/7 trauma reception team. 24/7 availability of senior consultant level general surgeon. Appointed trauma director. Research. Education and fellowship training.

Urology

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	<ul style="list-style-type: none"> Common and intermediate procedures on low or moderate risk patients performed by visiting urologist or general surgeon credentialed in urology. 	<ul style="list-style-type: none"> Access to some allied health services. 	<ul style="list-style-type: none"> Visiting urologist or general surgeon credentialed in urology.
4	As for Level 3 plus: <ul style="list-style-type: none"> Some major procedures on low or moderate risk patients performed by visiting urologist. 	As for Level 3 plus: <ul style="list-style-type: none"> Links with oncology, radiotherapy and palliative care services. Access to designated allied health services. 	As for Level 3 plus: <ul style="list-style-type: none"> Visiting urologist. Some allied health undergraduate education.
5	As for Level 4 plus: <ul style="list-style-type: none"> Full range of major diagnostic and procedures on low, moderate and high risk patients performed by on-call urologist. 	As for Level 4 plus: <ul style="list-style-type: none"> Access to specialised allied health services. 	As for Level 4 plus: <ul style="list-style-type: none"> On-call urologist. Access to specialist SRN. May provide regional services and teaching and research role.
6	As for Level 5 plus: <ul style="list-style-type: none"> Ability to deal with all cases including full range complex cases (and all emergency) in association with other specialists. 	As for Level 5 plus: <ul style="list-style-type: none"> Statewide referral role. 	As for Level 5 plus: <ul style="list-style-type: none"> Urology registrar / RMO. Undergraduate and post graduate teaching role. Research role.

Vascular

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	<ul style="list-style-type: none"> Under care of GP for non-procedural conditions such as skin ulcers. 	-	-
4	<ul style="list-style-type: none"> Common, intermediate and some major procedures on low and moderate risk patients performed by Visiting vascular surgeons or general surgeons. 	<ul style="list-style-type: none"> Access to designated Allied Health services. Access to MD foot clinic. 	<ul style="list-style-type: none"> Visiting vascular surgeons or general surgeons. Pre-operative rehabilitation specialist consultant available. Some allied health undergraduate education.
5	As for Level 4 plus: <ul style="list-style-type: none"> Diagnostic services and surgery on low, moderate and high risk patients by an On-call vascular or general surgeon. 	As for Level 4 plus: <ul style="list-style-type: none"> May have regional referral role. Links with Level 5 rehabilitation services. Access to specialised allied health services. 	As for Level 4 plus: <ul style="list-style-type: none"> On-call vascular or general surgeon. May have some teaching, training and research.
6	As for Level 5 plus: <ul style="list-style-type: none"> Ability to deal with all cases including full range of complex cases in association with other specialists. Provides all emergency services. 	As for Level 5 plus: <ul style="list-style-type: none"> Level 6 ICU. Advanced interventional procedures within specialist theatres. Statewide referral role. 	As for Level 5 plus: <ul style="list-style-type: none"> On call vascular surgeon. Access to specialist SRN. Undergraduate and post graduate teaching role. Research role.

Clinical Services

Part C: Emergency Services



Emergency Services

Emergency

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> First aid assessment and resuscitation. Emergency ambulance services with access to rapid transport. 	<ul style="list-style-type: none"> Basic resuscitation equipment and drugs. Access to ETS. 	<ul style="list-style-type: none"> Care provided by an RN with or without assistance from a GP.
2	<p>As for Level 1 plus:</p> <ul style="list-style-type: none"> 24/7 services. Resuscitation and stabilisation capability. 	<p>As for Level 1 plus:</p> <ul style="list-style-type: none"> 24/7 services. Resuscitation and stabilisation capability. Transport and / or coordinate transport to access emergency services care. 	<p>As for Level 1 plus:</p> <ul style="list-style-type: none"> RN/NP with support by medical practitioner.
3	<p>As for Level 2</p>	<p>As for Level 2.</p>	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Local GPs rostered to provide 24/7 cover with service by RN.
4	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Emergency operating theatre facilities. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Access to designated allied health services. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> On call generalist specialists. Access to emergency specialist. Access to specialist RN. Some allied health undergraduate education.
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Accept transfers from other hospitals in region. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Access to ICU and CCU facilities. Access to specialised allied health services. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Medically staffed 24/7. Medical and surgical sub-specialists available on-call.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Not currently operating in WA. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Backup from full range of medical and surgical specialists and diagnostic services. ICU and CCU facilities. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Emergency medicine consultant on duty.

Clinical Services

Part D: Transition Services



Transition from Paediatric to Adult Services

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	-	-	-
4	<ul style="list-style-type: none"> Active Planning for transition for adolescents / young adults with long term conditions which may include the development of a self-management plan and regular review where appropriate. Active referral; acceptance of adolescents / youth in transition with support from tertiary facilities as required. 	<ul style="list-style-type: none"> Access to training for health professionals in adolescent and young adult health. Provision of coordination and communication between paediatric provider, adult provider, patients' GP/GP practice & community provider. 	-
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Active planning for transition by paediatric and adult general or specialty services with focus on adolescents with long term conditions or rare diseases. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Combined paediatric and adult outpatient general medicine clinical where volume dictates. 	-
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Coordination and communication jointly between multidisciplinary teams at paediatric centre & adult centre for complex conditions &/or complex chronic disability. For adult sites: accepts a full range of patients with complex conditions &/or complex chronic disability for continuation of multidisciplinary management from paediatric centre. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Active Statewide support for planning transition programs. 	-

Clinical Services

Part E : Maternity and Neonatal Services

Government of Western Australia
Department of Health

Neonatology

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> No routine admission of neonates. Access to virtual emergency care and coordination of the transport/transfer of neonates to higher level site, through NETS WA. 	<ul style="list-style-type: none"> Provides resuscitation and emergency stabilisation of neonates prior to retrieval/transfer following unexpected presentation. <p>Supporting Services and Facilities</p> <ul style="list-style-type: none"> Neonatal emergency resuscitation equipment available 24/7. No on-call for pathology, pharmacy and diagnostic imaging. Pharmacy advice available 24/7 from a higher level site. No emergency transfusion supplies. 	<ul style="list-style-type: none"> Generalist hospital staff (Nursing and medical). 24/7 on-site access to a health professional accredited in neonatal resuscitation.
2	<p>As for Level 1 and in addition:</p> <ul style="list-style-type: none"> Provides planned immediate care for newborns >=37 weeks gestation where there are no identified risk factors for the mother or newborn baby. Escalates care to higher level service when additional care required. 	<p>Supporting Services and Facilities:</p> <ul style="list-style-type: none"> Neonatal emergency resuscitation equipment available 24/7. Nursery equipment for the traditional care and stabilisation of the unexpected sick neonate. Neonatal Pulse Oximetry (onsite). Blood gas analysis (suitable for neonates). <p>Blood and specimen collection (processing may be off-site) including:</p> <ul style="list-style-type: none"> Bilirubin testing. Neonatal bloodspot screening. <p>Access to:</p> <ul style="list-style-type: none"> Paediatric specialty services for advice/referral. Routine hearing screening. 	<p>As for Level 1 and in addition:</p> <ul style="list-style-type: none"> 24/7 Midwives with neonatal resuscitation competency available. 24/7 access to (may be virtual) Medical Officer with appropriate neonatal/paediatric skills, qualifications. May have GPO. Access to some allied health services (may be virtual).
3	<p>As for Level 2 and in addition:</p> <ul style="list-style-type: none"> In consultation with higher level sites, provides short-term care for common neonatal problems. Escalates care to higher level service when additional care required for these conditions, sepsis or in response to signs of clinical deterioration. Accepts appropriate back transfers from Levels 4-6 neonatal services for admission following liaison with individual site to confirm capability. Level 3 services should work in collaboration with Levels 4 - 6 neonatal services (networked approach) to ensure newborns and families are transferred closer to home as soon as appropriate. 	<p>As for Level 2 and in addition, provides:</p> <ul style="list-style-type: none"> Single light phototherapy for hyper-bilirubinaemia (jaundice) not at risk of requiring exchange transfusion. Supplemental feeding to treat hypoglycaemia. Mild respiratory distress (oxygen requirements as determined by oximetry) managed and resolves within 4 hours post birth. IV antibiotic therapy. Blood sugar monitoring. Incubator care as required. Tube feeding in preparation for transfer or care following back transfer. <p>Supporting Services and Facilities:</p> <p>24/7 access to -</p> <ul style="list-style-type: none"> On site pathology service. Pharmacy service. Limited diagnostic imaging (minimum chest x-ray). Limited blood and blood product services. 	<p>As for Level 2 and in addition:</p> <ul style="list-style-type: none"> 24/7 GPO and GPA availability. Visiting obstetrician.
4	<p>As for Level 3 and in addition:</p> <ul style="list-style-type: none"> Provides care for newborns >=34 weeks gestation with minimal complications. Management of common problems of the newborn (eg: hiperbilirubinaemia, hypoglycaemia). Ongoing care for back transfers of preterm and convalescing stable newborns (of any weight) transferred from a Level 5-6 service and with >=32 weeks corrected age. Babies back transferred to a Level 4 neonatal service should not require intensive care interventions. 	<p>As for Level 3 and in addition, provides:</p> <ul style="list-style-type: none"> Administration of surfactant, when required and in consultation with higher level service. Acute management of pneumothorax in consultation with higher level service. Continuous cardiorespiratory and/or pulse oximetry monitoring. Initiates and maintains intravenous therapy including for fluids and antibiotics. Non-invasive blood pressure monitoring. Provides short term* non-invasive ventilation respiratory support (CPAP or hi-flow). Following consultation with NETS WA, may continue non-invasive ventilation management if oxygen requirements are stable or improving. Short term defined as 12-24 hours for sites with 24/7 on-site paediatric medical cover and 6-12 hours where there is no 24/7 on-site paediatric medical cover. Escalation to NETS WA for discussion if FiO2 >40%. Advanced resuscitation with capacity to intubate and mechanically ventilate, pending transfer. <p>Supporting Services and Facilities:</p> <ul style="list-style-type: none"> Full range of pathology, pharmacy and diagnostic imaging services with on call 24/7. Blood gas, electrolyte, serum bilirubin (SBR) and full blood count with results available 24/7. Full range of blood and blood product services 24/7. 	<p>As for Level 3 and in addition:</p> <ul style="list-style-type: none"> An appointed Head of Department for Paediatrics. Access to paediatrician for supervision of clinical care 24/7. All patients referred for management by attending paediatrician. Midwives or neonatal qualified nurses rostered and available 24/7. Home visiting midwifery service for postnatal follow-up after discharge. Maternity manager is a midwife. Access to allied health services.
5	<p>As for Level 4 and in addition:</p> <ul style="list-style-type: none"> Provides care for newborns >=32 weeks gestation with minimal complications. Ongoing care of stable, convalescing newborns (of any weight) transferred from a level 6 newborn service with >=31 weeks corrected age. May have neonatology research. 	<p>As for Level 4 and in addition, provides:</p> <ul style="list-style-type: none"> Tracheal intubation for surfactant replacement therapy. Central venous catheters (eg umbilical) and peripherally inserted central catheters. Management of central venous lines following transfer from a Level 6 service. Management of pneumothorax. Invasive blood pressure monitoring. Total parenteral nutrition, in consultation with higher level service. <ul style="list-style-type: none"> Ongoing provision of non-invasive ventilation respiratory support (CPAP or hi-flow) in consultation with NETS WA. Escalation to NETS WA for discussion of FiO2 more than 50%. Manages expected short-term mechanical ventilation (48-72 hours) in consultation with NETS WA. Capability to commence intubation and mechanical ventilation. <p>Supporting Services and Facilities:</p> <ul style="list-style-type: none"> Access to clinical and diagnostic paediatric sub-specialties. Point of care testing equipment for measuring blood gases, electrolytes, bilirubin and haemoglobin. <p>Access to:</p> <ul style="list-style-type: none"> 24-hour mobile radiology service. Neonatal echocardiography, cranial ultrasonography and MRI. 	<p>As for Level 4 and in addition:</p> <ul style="list-style-type: none"> An appointed Head of Department for Neonatal services. A designated specialist obstetrician and paediatrician available for consultation 24/7. Paediatric registrar or above on-site 24/7. A midwife/nurse with appropriate neonatal qualification to manage the neonatal special care nursery. Access to specialist (neonatal) SRN. On-site access during business hours to specialist (paediatric) allied health services.
6	<p>As for Level 5 and in addition:</p> <ul style="list-style-type: none"> Provides specialist care of high-risk, high dependency pregnancies and births of any gestation. Support women with pregnancies with known fetal abnormality requiring consultation, treatment or surgery immediately following birth. May provide early discharge program to support for example, home tube feeding, respiratory support, palliative care, and psychosocial support. Coordinates statewide retrieval services. Has neonatology research. 	<p>As for Level 5, and in addition:</p> <p>Level 6a</p> <p>Provides:</p> <ul style="list-style-type: none"> Specialist neonatal care (including intensive care) for critically unwell newborns of any gestation. Care for complications of extreme prematurity. Care for term babies with non-surgical critical illness including provision of exchange transfusion and provision of therapeutic hypothermia. Provision of medium-long term mechanical ventilation and full life-support. Provides full range of respiratory monitoring. <p>Level 6b</p> <p>As for Level 6a and in addition:</p> <ul style="list-style-type: none"> Provides neonatal surgery. Collaborates with NETS WA for interstate cardiac surgery. Onsite access to comprehensive range of specialist paediatric medical and surgical services including Paediatric Intensive Care. <p>Supporting Services and Facilities:</p> <ul style="list-style-type: none"> 24/7 mobile radiology service. 24/7 neonatal echocardiography, cranial ultrasonography and MRI. 24/7 access to imaging and reporting services. Onsite access to pathology services 24/7, including for serology and blood bank. 	<p>As for Level 5 and in addition:</p> <ul style="list-style-type: none"> Neonatal paediatricians on-call 24/7. Accredited post graduate neonatal training site for medical (FRACP) and nursing qualifications. Coordinates post graduate medical and nursing neonatal education.

Maternity

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> No routine management of the pregnant woman, but will have appropriate formal policy/protocols to guide staff, in the safe, local management of the woman presenting with an unexpected birth. May have access to a Community Midwifery Service or shared antenatal/postnatal care (for women and infants without identified risk factors). Capacity to provide emergency care to support obstetric women until her transfer of care or a retrieval service is available. Access to 24/7 telephone support or MOETS virtual service support until transfer of care or a retrieval service is available. 	<p>Pregnancy Care / Antenatal:</p> <ul style="list-style-type: none"> Antenatal care may be provided by a local community or child health midwife, general practitioner (GP's), visiting medical officers, nongovernment services with support by Aboriginal health workers or Liaison officers as required. Works with women and families to plan for the most appropriate place for birth and return to their community following birth. Guidelines for access to Patient Transport Assistance Scheme. <p>Birthing / Intrapartum Care:</p> <ul style="list-style-type: none"> No planned births or inpatient maternity services. Management, including transfer and retrieval for women experiencing unplanned and imminent birth. <p>Postnatal Care:</p> <ul style="list-style-type: none"> Postnatal care may be provided by a local community or child health midwife, GP, visiting medical officers, non government services with support by Aboriginal health workers or liaison officers as required. Will have access to a breastfeeding support service. <p>Supporting Services / Facilities:</p> <ul style="list-style-type: none"> On-site emergency obstetric kit. 	<ul style="list-style-type: none"> Generalist hospital staff (Nursing and medical). Antenatal/postnatal care may be provided by a: <ul style="list-style-type: none"> community midwife. child health nurse/midwife. GP confident with antenatal/postnatal obstetric care (for <20weeks.) GP obstetrician for >20 weeks. allied health workers. Aboriginal health workers. Access to 24/7 telephone support from obstetricians. Access to virtual services (such as MOETS, clinical telehealth).
2	<ul style="list-style-type: none"> Provides access to antenatal care and postnatal community visiting (for women and infants without identified risks factors). Provides planned birthing care for women with low-complexity singleton pregnancies >=37 weeks up to 42+0 weeks, not expected to have labour or birth complications. Provides basic adult life and advanced neonatal support and immediate management of obstetric emergency and preparation for transfer if required. Referral pathways to Women and Newborn Drug and Alcohol Service (WANDAS), specialist Mental Health services and other specialist services. 	<p>Pregnancy Care / Antenatal:</p> <ul style="list-style-type: none"> Provides comprehensive maternity care for women with normal risk pregnancies. Pregnancy care promotes continuity of carer, for example, midwifery continuity of care, GP obstetric care. Antenatal cardiotocograph (CTG) monitoring available with access to remote assessment and interpretation while awaiting transfer. Responsive pregnancy shared care models include consultation with specialist pregnancy care programs for specific cohorts (eg young mums) or those with risk factors required to birth elsewhere. <p>Birthing / Intrapartum Care:</p> <ul style="list-style-type: none"> Midwifery led services. Care may be provided by Obstetric doctor. Epidurals not available to labouring women. Caesarean section transferred to caesarean capable facility within 60 minutes travel. Provides fetal surveillance and paired umbilical cord blood gas or lactate analysis in accordance with RANZCOG guidelines. <p>Postnatal Care:</p> <ul style="list-style-type: none"> Arranges referral and follow-up for specialist services including urogynaecological subspecialty services. <p>Supporting Services / Facilities:</p> <ul style="list-style-type: none"> Limited emergency transfusion supplies (Access to four units of 0 neg blood onsite). Access to local ultrasound and imaging, pathology and pharmacy services. On-site access to portable obstetric ultrasound. Cord blood pH or lactate measurement equipment available. 	<ul style="list-style-type: none"> Midwives with neonatal resuscitation competency rostered or available 24/7. A second registered health practitioner, trained and skilled in neonatal resuscitation, is present at all births. Professional lead for midwifery. May have access to: <ul style="list-style-type: none"> 24/7 GP obstetrician. Home visiting midwifery service.
3	<p>As for Level 2 and in addition:</p> <ul style="list-style-type: none"> Provides planned births from 37 weeks gestation including provision of elective and emergency caesarean. May have access to home birthing service. Provides a range of models of maternity care that complement the demographics and needs of the local community. 	<p>Pregnancy Care / Antenatal:</p> <ul style="list-style-type: none"> Collaborative care is provided by midwives, GPs and/or specialist obstetricians. Antenatal fetal heart rate monitoring as a means of fetal welfare assessment. Management of emergent co-morbidities, such as hypertensive disease of pregnancy, in consultation with a specialist. Antenatal care planning of women with multiple pregnancies in association with a higher level service (eg women with twin pregnancies that require frequent ultrasound surveillance). May provide external cephalic version (ECV) Service (or referral pathway to services). <p>Birthing / Intrapartum Care:</p> <ul style="list-style-type: none"> Planned management of labour and birth for low risk pregnancies from 37 weeks gestation including: <ul style="list-style-type: none"> Capability to perform elective caesarean section in accordance to RANZCOG: Timing of elective caesarean section at term. Emergency caesarean section provided 24/7. Induction of labour for women >=37 weeks gestation. Availability of Epidural/spinal anaesthesia. Vacuum and/or forceps assisted births. Vaginal Birth After Caesarean (VBAC), without medical induction of labour or augmentation, in consultation with higher level service. Ability to undertake intrapartum fetal blood scalp sampling. <p>Supporting Services / Facilities:</p> <ul style="list-style-type: none"> 24/7 anaesthetic service provided. Available 24/7 - <ul style="list-style-type: none"> Pathology service. Blood and blood products required for immediate management and stabilisation. Pharmacist advice. Access to ultrasound service. 	<ul style="list-style-type: none"> 24/7 on-call availability to GP obstetrician (with ability to perform caesarean section). 24/7 on-call availability to intrapartum anaesthetic doctor. Midwifery Unit Manager. Access to (24/7) Specialist obstetrician and Paediatric doctor for consultation purposes. 24/7 on-call availability to theatre staff for emergency procedures. Access to some allied health services (on-site or referral to).
4	<ul style="list-style-type: none"> Capacity to provide safe care for the woman with a singleton pregnancy or a twin pregnancy with 'low-moderate risk' factors and/or minor complications >=34 weeks gestation. Well defined linkages for consultation and/or referral must be in place with a delineated higher-level maternity and neonatal service. Collaborative care is provided by midwives, junior medical officers, GP obstetricians and specialist obstetricians. 	<p>Pregnancy Care / Antenatal:</p> <ul style="list-style-type: none"> Provides comprehensive maternity care for women with normal and moderate-risk pregnancies. Provides External cephalic version (ECV) Service. May provide high-risk antenatal clinics as satellite or outreach from higher level service. <p>Birthing / Intrapartum Care:</p> <ul style="list-style-type: none"> Planned management of labour and birth for low-moderate risk pregnancies from 34 weeks gestation including: <ul style="list-style-type: none"> Induction of labour >=34 weeks gestation (where clinically required). VBAC including induction and/or augmentation in consultation with higher level service. Management of uncomplicated vaginal twin births at term. Marginal placenta praevia and partial placenta praevia in consultation with higher level service. 	<ul style="list-style-type: none"> 24/7 on-call access to specialist obstetricians, paediatricians and anaesthetic doctor. An appointed Head of Department for Obstetric services. Coordinator of Midwifery. Clinical Midwifery Specialist. Access to paediatrician for supervision of clinical care 24/7. On site access to designated allied health services.
5	<ul style="list-style-type: none"> Capacity to provide safe care for the women with 'low-high' risk factors with a singleton or twin pregnancy at >=32 weeks gestation, including the care for most medical conditions and pregnancy related illnesses. Collaborative care is provided by midwives, junior medical officers, obstetricians and neonatologists. 	<p>Pregnancy Care / Antenatal:</p> <ul style="list-style-type: none"> Provides multidisciplinary care for women with low-to high risk pregnancies living within the local community and can undertake invasive, antenatal diagnostic procedures (eg: amniocentesis). Antenatal care planning and shared antenatal care with lower-level services where appropriate. Provides targeted pregnancy care service models for women at increased risk or vulnerability. Provides some specialist services. <p>Birthing / Intrapartum Care:</p> <ul style="list-style-type: none"> Planned management of labour and birth for moderate-risk pregnancies from 32 weeks gestation. Provides caesarean section for major placenta praevia. Management of planned vaginal breech births in accordance to RANZCOG Management of Breech Presentation. <p>Postnatal Care:</p> <ul style="list-style-type: none"> Provides specialist inpatient postnatal care. Provides level 5 Neonatal Service. <p>Supporting Services / Facilities:</p> <ul style="list-style-type: none"> Access to HDU/ICU facility. Full range of pathology, pharmacy and diagnostic imaging services on call 24/7. Full range of blood and blood product services available 24/7. 	<ul style="list-style-type: none"> On-site 24/7 medical officer obstetric cover by registrar or above. 24/7 on-call availability by specialist obstetricians, paediatricians and anaesthetists. Midwifery Director. An appointed Head of Department for Neonatal services. On-site access to specialised allied health services on-site.
6	<ul style="list-style-type: none"> Provides all levels of care, including highest level of complex care for women with serious obstetric and fetal conditions requiring high level multidisciplinary care. Undertakes complex Major obstetric procedures. Full range of expertise to support critically ill woman and all unexpected maternal emergencies. Has facilities to undertake obstetric and fetal research. 	<p>Pregnancy Care / Antenatal:</p> <ul style="list-style-type: none"> Provides maternity care of any risk level for women living within the local community. Provides statewide access to specialised maternity care for women experiencing a high-risk pregnancy (any gestation), labour and birth including care for suspected of known placenta accreta, increta and percreta. Access to all specialist services including a Maternal Fetal Medicine Unit. <p>Birthing / Intrapartum Care:</p> <ul style="list-style-type: none"> Provides planned care for all women regardless of gestational age or clinical risk, including: <ul style="list-style-type: none"> placenta praevia including known or suspected placenta accreta, increta and percreta. multiple pregnancies of any order with or without risk factors. <p>Postnatal Care:</p> <ul style="list-style-type: none"> Provides level 6 Neonatal Service (onsite NICU). Specialist inpatient postnatal services, psychiatric, Mental Health support, urogynaecological sub specialty, perineal care. <p>Supporting Services / Facilities:</p> <ul style="list-style-type: none"> Dedicated HDU facilities. On-site access to ICU. 	<ul style="list-style-type: none"> 24/7 on-call access to: <ul style="list-style-type: none"> Specialist in maternal fetal medicine. Physician with obstetric expertise. Specialist Anaesthetist with high risk obstetric expertise. Neonatal paediatricians. Clinical leadership roles on Obstetrics, Midwifery, Nursing and Neonatology. Coordinates training of specialist obstetricians and specialist midwives.

Clinical Services

Part F : Paediatric Services

Government of Western Australia
Department of Health

Paediatric Anaesthetics

CSF Level	Service Description	Service Requirements	Workforce
1			
2	<ul style="list-style-type: none"> Non-general anaesthesia by a non specialist anaesthetist (includes analgesia & sedation). 		
3	As for level 2 plus: <ul style="list-style-type: none"> General anaesthesia given by a non specialist anaesthetist for low risk surgery (e.g., grommets) on low risk children (i.e., ASA 1 or 2) ≥4 years of age & ≥ 20 kg in weight. 		
4	As for level 3 plus: <ul style="list-style-type: none"> General anaesthesia given by a non specialist anaesthetist and visiting specialist anaesthetist for: <ul style="list-style-type: none"> low risk children (i.e., ASA 1-3) ≤ 4 years of age & ≥ 20 kg in weight; and simple or moderate complexity surgery (e.g., tonsillectomy, adenoidectomy, appendectomy) 	As for level 3 plus:	As for level 3 plus: <ul style="list-style-type: none"> Specific anaesthesia support available.
5	As for level 4 plus: <ul style="list-style-type: none"> General anaesthesia for children of all ages given by specialist paediatric skilled anaesthetist for moderate risk/complexity children (e.g., ASA 1-3). 	As for level 4 plus:	As for level 4 plus: <ul style="list-style-type: none"> Consultant anaesthetist on-call or on roster 24/7. Anaesthetic registrar on-site or on-call 24/7.
6	As for level 5 plus: <ul style="list-style-type: none"> High risk children, all ages complex procedures. 	As for level 5 plus: <ul style="list-style-type: none"> Sub-specialist service. Statewide referral, advisory, consult, teaching and research role. Broad range of anaesthetic services. Post anaesthesia care available in a paediatric or neonatal ICU. 	As for level 5 plus:

Paediatric Emergency Department

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> Care by RN with oversight by GPs (potentially visiting). Stabilisation & first Aid. 		<ul style="list-style-type: none"> Care by RNs with oversight by GPs.
2	<ul style="list-style-type: none"> Resuscitation and stabilisation. Care provided by GP. Participates in care of minor trauma. Possible resuscitation of a major trauma patient, with rapid transfer on. 	<ul style="list-style-type: none"> On-call paediatric advice from higher level centres. Established pathway for child protection or family/paediatric skilled social worker. 	As for level 1 plus: <ul style="list-style-type: none"> Care provided by GP.
3	As for level 2	As for level 2 plus: <ul style="list-style-type: none"> Access to visiting specialist services or by Telehealth. Access to dental services for dentoalveolar trauma and infection. 	As for level 2 plus: <ul style="list-style-type: none"> Local GPs roster to provide 24/7 cover with service by RN.
4	As for level 3	As for level 3 plus: <ul style="list-style-type: none"> Emergency operating theatre facilities. Access to dental advice/consult for paediatric mouth and facial bone trauma. On-site child protection or paediatric skilled social worker. Participation in under and post graduate training all professions. 	As for level 3
5	As for level 4 plus: <ul style="list-style-type: none"> Accepts transfers from other hospitals in region. 	As for level 4 plus: <ul style="list-style-type: none"> Designated paediatric emergency area including paediatric short stay unit/area. Access to on-site paediatric medical and paediatric surgical services. Access to paediatric suitable diagnostic services. 	As for level 4 plus: <ul style="list-style-type: none"> Paediatric emergency medicine team. Paediatric consultant on-call 24/7. Paediatric skilled nursing. Access to specialised allied health skilled in paediatric care.
6	As for level 5	As for level 5 plus: <ul style="list-style-type: none"> State-wide referral role. Access to full range of medical and surgical specialists skilled in paediatrics. Access to full range of diagnostic services. Access to paediatric ICU. On-site child protection services. 	As for level 5 plus: <ul style="list-style-type: none"> Paediatric emergency medicine consultant on duty 24/7.

Paediatric General Medical

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> Stabilisation and first aid. 		<ul style="list-style-type: none"> Care by RNs with oversight by GPs.
2	As for level 1 plus: <ul style="list-style-type: none"> Care provided by general practitioner. 	<ul style="list-style-type: none"> Access to medical beds suitable for paediatric care. On-call paediatric advice from higher level centres. Established pathway for child protection or family/paediatric skilled social worker 	As for level 1 plus: <ul style="list-style-type: none"> Care provided by GP.
3	As for level 2 plus:	As for level 2 plus: <ul style="list-style-type: none"> May have designated paediatric beds/ward including short stay, managed by paediatric skilled staff. 	As for level 2 plus: <ul style="list-style-type: none"> Access to some allied health services in liaison with higher level paediatric services.
4	As for level 3 plus: <ul style="list-style-type: none"> Inpatient care by paediatrician. 	As for level 3 plus: <ul style="list-style-type: none"> Designated paediatric beds/ward including short stay. Access to resident/RMO rotations from level 5 or 6 facility. Contributes to undergraduate education. Patient/family education services. 	As for level 3 plus: <ul style="list-style-type: none"> Paediatric skilled ENs, RNs and CNs; and access to specialist SRN. Access to paediatric skilled allied health. On-site child protection or paediatric skilled social worker.
5	As for level 4 plus:	As for level 4 plus: <ul style="list-style-type: none"> Access to paediatric specialty inpatient care. Designated paediatric ED with paediatric ESSU. Designated same day paediatric medical services. Range of paediatric hospital avoidance, rapid assessment and ambulatory programs. Undergraduate teaching role in medical, nursing and allied health disciplines. Support in paediatric care to other sites. 	As for level 4 plus: <ul style="list-style-type: none"> Paediatric registrar on-call 24/7 / RMO on-site.
6	As for level 5 plus: <ul style="list-style-type: none"> Comprehensive care, including emergency care. 	As for level 5 plus: <ul style="list-style-type: none"> Access to full range of hospital substitution; specialised and targeted same day medical services. Paediatric and neonatal ICU. State-wide referral, advisory, decision support, consult, teaching and referral role in medical, nursing and allied health disciplines. Paediatric and neonatal ICU. On-site or 24/7 access paediatric skilled anaesthetic services. 	As for level 5 plus: <ul style="list-style-type: none"> On-site or 24/7 access paediatric skilled anaesthetic services. Specialist SRN. Specialised inpatient paediatric skilled allied health services. On-site children protection providing state-wide support to other sites. On-site or 24/7 access paediatric skilled anaesthetic services. Specialist SRN. Specialised inpatient paediatric skilled allied health services. On-site children protection providing state-wide support to other sites.

Paediatric General Surgery

CSF Level	Service Description	Service Requirements	Workforce
1	• Stabilisation & first Aid.		
2	As for level 1 plus: • Minor outpatient and same day procedure via local anaesthesia only. • No post-surgical inpatient care.	• Established pathway for child protection or family/paediatric skilled social worker.	• GP via local anaesthesia only. • Visiting GP.
3	As for level 2 plus: • Day surgery, uncomplicated elective and some emergency surgery.	As for level 2 plus: • Designated paediatric ward / beds.	As for level 2 plus: • Surgery by GP, general surgeon or visiting paediatric surgeon. • Visiting paediatric skilled anaesthetist. • Inpatient care provided by GP and paediatric skilled RNs.
4	As for level 3 plus: • Non-complex mainly elective surgery.	As for level 3 plus: • Access to paediatric skilled SRN/CNS. • Access to designated paediatric skilled allied health. • On-site child protection or paediatric skilled social worker.	As for level 3 plus: • Paediatric skilled anaesthetist. • Visiting paediatric skilled surgeon and some specialty surgeons skilled in paediatric surgery. • Paediatric skilled RNs and CN. • Inpatient medical care by paediatrician.
5	-	As for level 4 plus: • Designated paediatric ED with paediatric ESSU. • Designated paediatric surgical support services. • Range of rapid assessment and acute ambulatory programs.	As for level 4 plus: • Paediatric skilled surgeons, surgical registrar / RMO. • 24/7 on-call paediatric anaesthetist. • 24/7 surgical registrar. • Inpatient medical care by paediatric team with 24/7 registrars. • Paediatric skilled SRN/CNS.
6		As for level 5 plus: • Designated paediatric and Neonatal ICU. • On-site 24/7 paediatric anaesthetic services. • Full range of hospital substitution, specialised/targeted ambulatory and same day services. • State-wide referral, advisory, decision support, consult, teaching and referral role – medical, nursing and allied health disciplines. • On-site child protection including referral from and support of lower level sites.	As for level 5 plus: • Specialist SRN. • Specialised inpatient and outpatient paediatric skilled allied health services.

Paediatric Operating Theatres

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	• Minor procedure capability.	• No emergency operating theatre.	-
3	As for level 2 plus: • Minor/same day procedures.	As for level 2 plus: • Single operating theatre.	-
4	As for level 3 plus:	As for level 3 plus: • More than 1 operating theatre / procedure room. • Paediatric recovery separated from adult patients.	As for level 3 plus: • Paediatric skilled medical practitioner providing anaesthetic services. • Paediatric skilled nursing. • Access to SRN or CNS skilled in paediatrics.
5	As for level 4 plus: • Elective and emergency surgery capability. • Low, moderate and high risk patients.	As for level 4 plus: • Designated paediatric recovery area. • Radiology and intra-operative imaging capability for children.	As for level 4 plus: • Consultant anaesthetist on-call or on roster 24/7. • Anaesthetic registrar on-site or on-call 24/7.
6	As for level 5 plus: • Major and complex procedures (cardiothoracic, neurosurgery ; transplant).	As for level 5 plus: • Multiple operating theatres and procedure rooms. • Teaching and research role.	As for level 5

Paediatric Specialty Medical

CSF Level	Service Description	Service Requirements	Workforce
1			
2		• Access to paediatric specialist advice from state-wide resource. • Established pathway for child protection or family/paediatric skilled social worker.	• Inpatient medical care by GP.
3	As for level 2 plus: • Inpatient medical care by paediatrician.	As for level 2	As for level 2 plus: • Paediatric trained RNs. • Access to child protection or paediatric skilled social worker.
4	As for level 3 plus: • Inpatient care by paediatrician (general), paediatric registrar, RMO	As for level 3 plus: • Patient/family education services integrated with community and/or outpatient care.	As for level 3 plus: • Inpatient care by paediatrician (general), paediatric registrar, RMO. • Paediatric skilled RNs, CNs and CNS or SRN. • Access to designated paediatric skilled allied health services (varies and as required by specific specialty area).
5	As for level 4	As for level 4 plus: • Undergraduate teaching and participation in research.	As for level 4 plus: • Paediatric specific specialist medical, nursing and allied health.
6	As for level 5 plus: • Comprehensive care, including emergency, available from on-call paediatric specialist.	As for level 5 plus: • Specialty ward areas for some paediatric specialities. • Sub-specialities. • Paediatric ICU as tertiary referral centre having extensive laboratory and clinical service facilities. • Full range of hospital substitution, ambulatory and same day services. • State-wide referral, decision support, consult, teaching and research role - medical, nursing and allied health disciplines.	As for level 5 plus: • Specialist SRN. • Specialised inpatient paediatric skilled allied health services.

Paediatric Specialty Surgery

CSF Level	Service Description	Service Requirements	Workforce
1			
2	• Uncomplicated common outpatient procedures by GP via local anaesthesia.	• Access to paediatric surgical specialist advice from state-wide resource.	• GP via local anaesthesia only. • Visiting GP.
3	As for level 2 plus: • Common day surgery and outpatient procedures on low risk patients in high volume paediatric specialities (e.g., ENT).	As for level 2 plus: • Short stay post-surgical inpatient care in designated paediatric beds/ward.	• Paediatric skilled anaesthetist.
4	As for level 3 plus: • Common and intermediate procedures on low-moderate risk paediatric patients.	As for level 3 plus: • Integrated surgical & paediatric physician service for some cases.	As for level 3 plus: • Specialist paediatric skilled anaesthetist. • Inpatient medical care by paediatrician / registrar / RMO. • Paediatric skilled RNs & CNM. • Paediatric skilled allied health; varies as specific to specialty requirements.
5	As for level 4 plus: • Surgery on low-high risk paediatric patients by surgical specialist skilled in paediatrics.	As for level 4 plus: • Diagnostic services (as relevant). • Access to specialist SRN. • Regional referral role for some surgical specialities. • Teaching, training & some research.	As for level 4 plus: • Surgical specialist skilled in paediatrics. • Paediatric skilled & specialist medical, nursing & allied health. • Paediatric skilled allied health specific to specialty.
6	As for level 5 plus: • Full range of major & complex surgery; in association with other specialities.	As for level 4 plus: • Full range of diagnostic procedures. • Full range of ambulatory & same day services. • Emergency services. • On-site child protection services. • Sub-specialities. • State-wide referral, advisory, consult, teaching & research role - medical, nursing & allied health disciplines.	As for level 5 plus: • Specialised inpatient paediatric skilled allied health services.

Paediatric Trauma

CSF Level	Service Description	Service Requirements	Workforce
1			
2			
3	• Participates in the care of minor trauma. • Rural: May be the occasional need for resuscitation of a major trauma patient, with rapid transfer on.	• Primary retrieval from incident site as the nearest emergency service. • Secondary retrieval by fixed wing, rotary wing or road transport to major trauma centres. • Secondary retrieval of minor trauma by fixed wing or road transport to regional trauma centres. • Initial disaster response in a multi casualty event where centre is the nearest emergency health service. • Access to ETS. • Rural trauma centres. [Equivalent to level IV RACS VMRC]	• Access to medical officer advise within 30 minutes or medical officer in attendance.
4	As for level 3 plus: • Prompt assessment, resuscitation, emergency surgery and stabilisation of a small number of seriously injured children and transfer on. • Role in management, assessment and treatment of minor trauma in multi-casualty disaster response.	As for level 3 plus: • General surgical service and participates in the care of minor trauma. • Access to on-call radiology facilities. • Provision for rotary wing landing nearby. • Regional trauma centres. • Urban trauma centres [Equivalent to level III RACS VMRC].	As for level 3 plus: • An on duty specialist surgeon and anaesthetist and/or generalist anaesthetist. • Nurse experienced in trauma.
5	As for level 4 plus: • Role in management of major trauma cases > 48 hours during multi-casualty disaster response.	As for level 4 plus: • A surgeon available in all specialities commensurate with level 6. • 24/7 availability of neurosurgical & cardiothoracic services. • High level ICU trauma team response & operating suites with 24/7 availability. • On-site rotary wing landing site. • Metropolitan trauma centres [Equivalent to level II RACS VMRC].	As for level 4 plus:
6	As for level 5 plus: • Full spectrum of care. • Principal hospital for reception of inter-hospital transfer of major trauma patients. • Major trauma service.	As for level 5 plus: • 24/7 trauma reception team. • Elective and emergency surgery in neurosurgery, cardiothoracic, orthopaedics & plastics. • Research, Education and fellowship training. • Trauma systems overview. • Quality improvement program. • Data collection. • Prevention and outreach programs. • Trauma audit. • Leadership responsibilities [Equivalent to level I RACS VMRC].	As for level 5 plus: • Appointed trauma Director. • 24/7 availability of senior consultant and general surgeon.

Clinical Services

Part E : Rehabilitation Services



Rehabilitation

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	<ul style="list-style-type: none"> Assessment, referral and management by local GPs; some visiting community allied health via GP or non-government organisations
2	-	As for Level 1 plus: <ul style="list-style-type: none"> Individual therapy programs may be self-managed. 	As for Level 1 plus: <ul style="list-style-type: none"> Inpatient admission managed by GPs. Limited level allied health availability.
3	-	-	As for Level 2 plus: <ul style="list-style-type: none"> Regular visiting services provided by district/regional allied health staff.
4	-	As for Level 3 plus: <ul style="list-style-type: none"> Speech and social work services. Regional referral role. Limited day hospital program. 	As for Level 3 plus: <ul style="list-style-type: none"> Full time salaried physiotherapy, occupational therapy.
5	-	As for Level 4 plus: <ul style="list-style-type: none"> Rehab program for both inpatients and outpatients. Links between regions and designated metropolitan hospitals 	As for Level 4 plus: <ul style="list-style-type: none"> Rehab specialist/geriatrician service with experienced RN/physiotherapist/occupational therapist/speech pathologist/dietitian.
6	-	As for Level 5 plus: <ul style="list-style-type: none"> Access to acute care. Teaching and training role. Provides specialist and sub-specialist services for patients with high care needs. Statewide referral and consultation role. 	As for Level 5 plus: <ul style="list-style-type: none"> Full-time rehab specialist. Dedicated units with multidisciplinary teams.

Clinical Services

Part F : Mental Health Services



Child Mental Health Services (0-15) Emergency Services (hospital based)

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	<ul style="list-style-type: none"> Emergency capacity through assessment, referral and management by GPs and/ or medical professional. 	<ul style="list-style-type: none"> Direct communication with the Mental Health Emergency Response Line (24/7 telephone line). 	-
4	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Capable of providing short- term emergency mental health care for low to high risk/complexity mental health patients (across the age spectrum) who present to an emergency service and are triaged as having a mental health problem/disorder associated with their current presentation. Provides emergency mental health care 24/7. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Service provision typically includes: assessment and brief treatment of acute mental health problems and illnesses; and stabilisation of emergencies before onward referral or retrieval by medical practitioners and/ or other qualified staff. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Provided predominantly by general health clinicians within a general hospital. The local mental health service (may be community or hospital- based) provides a consultation liaison service to the emergency department as required.
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Delivered on-site with a Level 5 or Level 6 acute inpatient mental health service and provides initial triage, treatment and definitive care for the majority of emergency presentations before retrieval by medical practitioners and/ or other qualified staff. 	As for Level 4	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Triage is conducted by general health clinicians of the emergency department and further mental health assessments/interventions are then conducted by mental health clinicians who are assigned to the emergency department. If there is no emergency department available on- site, triage is conducted by mental health clinicians to stabilise the emergency before onward referral or admission to a mental health bed. Mental health clinicians are stationed within the emergency department at least during business hours.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Is an authorised mental health service under the Mental Health Act. A designated mental health area within the emergency department, but this does not necessarily have designated mental health beds. May provide short-stay medical inpatient beds and mental health clinicians may provide the direct care of mental health patients admitted to these beds (as required/ negotiated). May provide a psychiatric emergency care centre. 	As for Level 5	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> May be delivered by emergency department- based Acute Care Teams (or their equivalent).

Child Mental Health Services (0-15) Mental Health Inpatient Services

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	<ul style="list-style-type: none"> Capable of providing limited short-term or intermittent inpatient mental health care to low risk/complexity voluntary mental health patients. Provides general healthcare and some limited mental health care 24/7. 	<ul style="list-style-type: none"> Service provision typically includes: assessment, brief interventions and monitoring; patient and carer education and information; documented case review; consultation liaison with higher level mental health services; and referral, where appropriate. Services are provided in a culturally appropriate way. 	<ul style="list-style-type: none"> Delivered predominantly by a team of general health clinicians within a facility that does not have dedicated mental health staff (onsite) or beds.
3	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Provides general health care and mental health care 24/7. 	As for Level 2	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by general and mental health professionals (on-site) within a general medical facility that has a limited number of dedicated mental health beds or may operate as a mental health special care suite/area.
4	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Capable of providing short to medium-term and intermittent inpatient mental health care to low and moderate risk/complexity voluntary mental health patients. Patients older than 14 years may access adult services where clinically and developmentally appropriate. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Service provision typically includes some group programs; primary and secondary prevention programs. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by mental health professionals within a dedicated mental health hospital or a general hospital that has a dedicated mental health acute inpatient unit.
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Is an authorised mental health service under the Mental Health Act. Capable of providing short to medium-term and intermittent inpatient mental health care to low, moderate and high risk/ complexity voluntary and involuntary mental health patients. This service provides mental health care 24/7. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Service provision typically includes: multidisciplinary assessment and targeted interventions by mental health professionals; patient and carer education and information; documented weekly case review; group programs; extensive primary and secondary prevention programs; consultation liaison with higher and lower level mental health services; and referral, where appropriate. Limited consultation liaison services to general health wards. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by a comprehensive, multidisciplinary team of mental health professionals (psychiatrists, nurses, allied health professionals) within a dedicated mental health hospital or a general hospital that has a dedicated mental health acute inpatient unit.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Capable of providing short to medium-term and intermittent inpatient mental health care to voluntary and involuntary mental health patients who present with the highest level of risk and complexity. Patient group accessing this level of service may be a population with special care needs (including forensic). Patient group may demonstrate the most extreme comorbidities and/or indicators of treatment resistance. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> This service demonstrates specialist expertise in the delivery of mental health services to a patient group that cannot be safely and effectively cared for in any other level of service. May include intensive mental health care services. Medical services are provided on-site or are in close proximity to provide a rapid response at all times. Teaching and research role. Psychiatric consultation liaison services available to general health wards. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Delivered by a highly specialised, comprehensive, multidisciplinary team of mental health professionals.

Youth Mental Health Services (16-24)
Emergency Services (hospital based)

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	<ul style="list-style-type: none"> Emergency capacity through assessment, referral and management by GPs and/ or medical professional. 	<ul style="list-style-type: none"> Direct communication with the Mental Health Emergency Response Line (24/7 telephone line). 	-
4	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Capable of providing short- term emergency mental health care for low to high risk/complexity mental health patients (across the age spectrum) who present to an emergency service and are triaged as having a mental health problem/disorder associated with their current presentation. Provides emergency mental health care 24/7. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Service provision typically includes: assessment and brief treatment of acute mental health problems and illnesses; and stabilisation of emergencies before onward referral or retrieval by medical practitioners and/ or other qualified staff. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Provided predominantly by general health clinicians within a general hospital. The local mental health service (may be community or hospital- based) provides a consultation liaison service to the emergency department as required.
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Delivered on-site with a Level 5 or Level 6 acute inpatient mental health service and provides initial triage, treatment and definitive care for the majority of emergency presentations before retrieval by medical practitioners and/ or other qualified staff. 	As for Level 4	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Triage is conducted by general health clinicians of the emergency department and further mental health assessments/interventions are then conducted by mental health clinicians who are assigned to the emergency department. If there is no emergency department available on- site, triage is conducted by mental health clinicians to stabilise the emergency before onward referral or admission to a mental health bed. Mental health clinicians are stationed within the emergency department at least during business hours.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Is an authorised mental health service under the Mental Health Act. A designated mental health area within the emergency department, but this does not necessarily have designated mental health beds. May provide short-stay medical inpatient beds and mental health clinicians may provide the direct care of mental health patients admitted to these beds (as required/ negotiated). May provide a psychiatric emergency care centre. 	As for Level 5	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> May be delivered by emergency department- based Acute Care Teams (or their equivalent).

Youth Mental Health Services (16-24)
Mental Health Inpatient Services

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	<ul style="list-style-type: none"> Capable of providing limited short-term or intermittent inpatient mental health care to low risk/complexity voluntary mental health patients. Provides general healthcare and some limited mental health care 24/7. 	<ul style="list-style-type: none"> Service provision typically includes: assessment, brief interventions and monitoring; patient and carer education and information; documented case review; consultation liaison with higher level mental health services; and referral, where appropriate. Services are provided in a culturally appropriate way. 	<ul style="list-style-type: none"> Delivered predominantly by a team of general health clinicians within a facility that does not have dedicated mental health staff (onsite) or beds.
3	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Provides general health care and mental health care 24/7. 	As for Level 2	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by general and mental health professionals (on-site) within a general medical facility that has a limited number of dedicated mental health beds or may operate as a mental health special care suite/area.
4	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Capable of providing short to medium-term and intermittent inpatient mental health care to low and moderate risk/complexity voluntary mental health patients. Patients older than 14 years may access adult services where clinically and developmentally appropriate. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Service provision typically includes some group programs; primary and secondary prevention programs. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by mental health professionals within a dedicated mental health hospital or a general hospital that has a dedicated mental health acute inpatient unit.
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Is an authorised mental health service under the Mental Health Act. Capable of providing short to medium-term and intermittent inpatient mental health care to low, moderate and high risk/ complexity voluntary and involuntary mental health patients. This service provides mental health care 24/7. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Service provision typically includes: multidisciplinary assessment and targeted interventions by mental health professionals; patient and carer education and information; documented weekly case review; group programs; extensive primary and secondary prevention programs; consultation liaison with higher and lower level mental health services; and referral, where appropriate. Limited consultation liaison services to general health wards. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by a comprehensive, multidisciplinary team of mental health professionals (psychiatrists, nurses, allied health professionals) within a dedicated mental health hospital or a general hospital that has a dedicated mental health acute inpatient unit.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Capable of providing short to medium-term and intermittent inpatient mental health care to voluntary and involuntary mental health patients who present with the highest level of risk and complexity. Patient group accessing this level of service may be a population with special care needs (including forensic). Patient group may demonstrate the most extreme comorbidities and/or indicators of treatment resistance. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> This service demonstrates specialist expertise in the delivery of mental health services to a patient group that cannot be safely and effectively cared for in any other level of service. May include intensive mental health care services. Medical services are provided on-site or are in close proximity to provide a rapid response at all times. Teaching and research role. Psychiatric consultation liaison services available to general health wards. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Delivered by a highly specialised, comprehensive, multidisciplinary team of mental health professionals.

Adult Mental Health Services (25-64)
Emergency Services (hospital based)

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	<ul style="list-style-type: none"> Emergency capacity through assessment, referral and management by GPs and/ or medical professional. 	<ul style="list-style-type: none"> Direct communication with the Mental Health Emergency Response Line (24/7 telephone line). 	-
4	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Capable of providing short- term emergency mental health care for low to high risk/complexity mental health patients (across the age spectrum) who present to an emergency service and are triaged as having a mental health problem/disorder associated with their current presentation. Provides emergency mental health care 24/7. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Service provision typically includes: assessment and brief treatment of acute mental health problems and illnesses; and stabilisation of emergencies before onward referral or retrieval by medical practitioners and/ or other qualified staff. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Provided predominantly by general health clinicians within a general hospital. The local mental health service (may be community or hospital- based) provides a consultation liaison service to the emergency department as required.
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Delivered on-site with a Level 5 or Level 6 acute inpatient mental health service and provides initial triage, treatment and definitive care for the majority of emergency presentations before retrieval by medical practitioners and/ or other qualified staff. 	As for Level 4	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Triage is conducted by general health clinicians of the emergency department and further mental health assessments/interventions are then conducted by mental health clinicians who are assigned to the emergency department. If there is no emergency department available on- site, triage is conducted by mental health clinicians to stabilise the emergency before onward referral or admission to a mental health bed. Mental health clinicians are stationed within the emergency department at least during business hours.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Is an authorised mental health service under the Mental Health Act. A designated mental health area within the emergency department, but this does not necessarily have designated mental health beds. May provide short-stay medical inpatient beds and mental health clinicians may provide the direct care of mental health patients admitted to these beds (as required/ negotiated). May provide a psychiatric emergency care centre. 	As for Level 5	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> May be delivered by emergency department- based Acute Care Teams (or their equivalent).

Adult Mental Health Services (25-64)
Mental Health Inpatient Services

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	<ul style="list-style-type: none"> Capable of providing limited short-term or intermittent inpatient mental health care to low risk/complexity voluntary mental health patients. Provides general healthcare and some limited mental health care 24/7. 	<ul style="list-style-type: none"> Service provision typically includes: assessment, brief interventions and monitoring; patient and carer education and information; documented case review; consultation liaison with higher level mental health services; and referral, where appropriate. Services are provided in a culturally appropriate way. 	<ul style="list-style-type: none"> Delivered predominantly by a team of general health clinicians within a facility that does not have dedicated mental health staff (onsite) or beds.
3	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Provides general health care and mental health care 24/7. 	As for Level 2	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by general and mental health professionals (on-site) within a general medical facility that has a limited number of dedicated mental health beds or may operate as a mental health special care suite/area.
4	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Capable of providing short to medium-term and intermittent inpatient mental health care to low and moderate risk/complexity voluntary mental health patients. Patients older than 14 years may access adult services where clinically and developmentally appropriate. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Service provision typically includes some group programs; primary and secondary prevention programs. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by mental health professionals within a dedicated mental health hospital or a general hospital that has a dedicated mental health acute inpatient unit.
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Is an authorised mental health service under the Mental Health Act. Capable of providing short to medium-term and intermittent inpatient mental health care to low, moderate and high risk/ complexity voluntary and involuntary mental health patients. This service provides mental health care 24/7. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Service provision typically includes: multidisciplinary assessment and targeted interventions by mental health professionals; patient and carer education and information; documented weekly case review; group programs; extensive primary and secondary prevention programs; consultation liaison with higher and lower level mental health services; and referral, where appropriate. Limited consultation liaison services to general health wards. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by a comprehensive, multidisciplinary team of mental health professionals (psychiatrists, nurses, allied health professionals) within a dedicated mental health hospital or a general hospital that has a dedicated mental health acute inpatient unit.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Capable of providing short to medium-term and intermittent inpatient mental health care to voluntary and involuntary mental health patients who present with the highest level of risk and complexity. Patient group accessing this level of service may be a population with special care needs (including forensic). Patient group may demonstrate the most extreme comorbidities and/or indicators of treatment resistance. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> This service demonstrates specialist expertise in the delivery of mental health services to a patient group that cannot be safely and effectively cared for in any other level of service. May include intensive mental health care services. Medical services are provided on-site or are in close proximity to provide a rapid response at all times. Teaching and research role. Psychiatric consultation liaison services available to general health wards. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Delivered by a highly specialised, comprehensive, multidisciplinary team of mental health professionals.

Older Persons Mental Health Services (65+)
Emergency Services (hospital based)

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	<ul style="list-style-type: none"> Emergency capacity through assessment, referral and management by GPs and/ or medical professional. 	<ul style="list-style-type: none"> Direct communication with the Mental Health Emergency Response Line (24/7 telephone line). 	-
4	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Capable of providing short- term emergency mental health care for low to high risk/complexity mental health patients (across the age spectrum) who present to an emergency service and are triaged as having a mental health problem/disorder associated with their current presentation. Provides emergency mental health care 24/7. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Service provision typically includes: assessment and brief treatment of acute mental health problems and illnesses; and stabilisation of emergencies before onward referral or retrieval by medical practitioners and/ or other qualified staff. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Provided predominantly by general health clinicians within a general hospital. The local mental health service (may be community or hospital- based) provides a consultation liaison service to the emergency department as required.
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Delivered on-site with a Level 5 or Level 6 acute inpatient mental health service and provides initial triage, treatment and definitive care for the majority of emergency presentations before retrieval by medical practitioners and/ or other qualified staff. 	As for Level 4	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Triage is conducted by general health clinicians of the emergency department and further mental health assessments/interventions are then conducted by mental health clinicians who are assigned to the emergency department. If there is no emergency department available on- site, triage is conducted by mental health clinicians to stabilise the emergency before onward referral or admission to a mental health bed. Mental health clinicians are stationed within the emergency department at least during business hours.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Is an authorised mental health service under the Mental Health Act. A designated mental health area within the emergency department, but this does not necessarily have designated mental health beds. May provide short-stay medical inpatient beds and mental health clinicians may provide the direct care of mental health patients admitted to these beds (as required/ negotiated). May provide a psychiatric emergency care centre. 	As for Level 5	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> May be delivered by emergency department- based Acute Care Teams (or their equivalent).

Older Persons Mental Health Services (65+)
Mental Health Inpatient Services

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	<ul style="list-style-type: none"> Capable of providing limited short-term or intermittent inpatient mental health care to low risk/complexity voluntary mental health patients. Provides general healthcare and some limited mental health care 24/7. 	<ul style="list-style-type: none"> Service provision typically includes: assessment, brief interventions and monitoring; patient and carer education and information; documented case review; consultation liaison with higher level mental health services; and referral, where appropriate. Services are provided in a culturally appropriate way. 	<ul style="list-style-type: none"> Delivered predominantly by a team of general health clinicians within a facility that does not have dedicated mental health staff (onsite) or beds.
3	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Provides general health care and mental health care 24/7. 	As for Level 2	<p>As for Level 2 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by general and mental health professionals (on-site) within a general medical facility that has a limited number of dedicated mental health beds or may operate as a mental health special care suite/area.
4	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Capable of providing short to medium-term and intermittent inpatient mental health care to low and moderate risk/complexity voluntary mental health patients. Patients older than 14 years may access adult services where clinically and developmentally appropriate. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Service provision typically includes some group programs; primary and secondary prevention programs. 	<p>As for Level 3 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by mental health professionals within a dedicated mental health hospital or a general hospital that has a dedicated mental health acute inpatient unit.
5	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Is an authorised mental health service under the Mental Health Act. Capable of providing short to medium-term and intermittent inpatient mental health care to low, moderate and high risk/ complexity voluntary and involuntary mental health patients. This service provides mental health care 24/7. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Service provision typically includes: multidisciplinary assessment and targeted interventions by mental health professionals; patient and carer education and information; documented weekly case review; group programs; extensive primary and secondary prevention programs; consultation liaison with higher and lower level mental health services; and referral, where appropriate. Limited consultation liaison services to general health wards. 	<p>As for Level 4 plus:</p> <ul style="list-style-type: none"> Delivered predominantly by a comprehensive, multidisciplinary team of mental health professionals (psychiatrists, nurses, allied health professionals) within a dedicated mental health hospital or a general hospital that has a dedicated mental health acute inpatient unit.
6	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Capable of providing short to medium-term and intermittent inpatient mental health care to voluntary and involuntary mental health patients who present with the highest level of risk and complexity. Patient group accessing this level of service may be a population with special care needs (including forensic). Patient group may demonstrate the most extreme comorbidities and/or indicators of treatment resistance. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> This service demonstrates specialist expertise in the delivery of mental health services to a patient group that cannot be safely and effectively cared for in any other level of service. May include intensive mental health care services. Medical services are provided on-site or are in close proximity to provide a rapid response at all times. Teaching and research role. Psychiatric consultation liaison services available to general health wards. 	<p>As for Level 5 plus:</p> <ul style="list-style-type: none"> Delivered by a highly specialised, comprehensive, multidisciplinary team of mental health professionals.

Clinical Services

Part G : Clinical Support Services



Anaesthetics

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	• Analgesia/minimal sedation available by visiting medical officer.	• Analgesia/minimal sedation available by visiting medical officer.	• Visiting medical officer.
3	As for Level 2 plus: • General anaesthetics on low risk patients given by GP anaesthetists or general anaesthetist.	As for Level 2: • General anaesthetics on low risk patients given by GP anaesthetists or general anaesthetist.	As for Level 2 plus: • GP anaesthetists or general anaesthetist. • May have visiting specialist anaesthetist.
4	As for Level 3 plus: • General anaesthetics on low risk patients given by accredited medical practitioner.	As for Level 3 plus: • Specific operating room with anaesthetic staff support available.	As for Level 3 plus: • Accredited medical practitioner. • Specialist anaesthetist appointed for consultation and to provide service for moderate risk patients. • Anaesthetic staff support available.
5	As for Level 4	As for Level 4	As for Level 4 plus: • Specialist anaesthetist on 24/7 roster for low, moderate and high risk patients. • Nominated specialist director of anaesthetic staff. • Anaesthetic registrar on-site 24/7.
6	As for Level 5 • Sub-specialists.	As for Level 5 plus: • Sub-specialists.	As for Level 5. • research and teaching of graduates and undergraduates. • Teaching and research role.

Coronary Care Unit

CSF Level	Service Description	Service Requirements	Workforce
1	-	-	-
2	-	-	-
3	-	-	-
4	• Able to supply critical care expertise for coronary patients. • Provides a level of care more intensive than ward based care.	• Discrete area within the health facility (may be combined within an ICU or HDU). • Non invasive monitoring. • Can provide resuscitation and stabilisation of emergencies until transfer or retrieval to a back up facility. • Formal links with public or private health facility(s) for patient referral and transfer to/ from a higher level of service, to ensure safe service provision.	• Access to specialist SRN. • Specialist RN with minimum standard advanced life support competency.
5	As for Level 4 plus: • Able to provide additional monitoring capacity (central monitoring at staff station) for cardiac patients and increased medical and nursing support.	As for Level 4 plus: • Bedside and central monitoring capacity (able to monitor patients at the staff station).	As for Level 4.
6	As for Level 5 plus: • Provides full range of cardiac monitoring (including invasive monitoring) for cardiac patients. • Full cardiology support including 24/7 on-call echocardiography, angiography, angioplasty and permanent pacemaker services. • Highest level referral centre for CCU patients with active liaison with lower level critical care services for referrals and transfer of patients to ensure safe service provision.	As for Level 5 plus: • Invasive cardiovascular monitoring (indefinitely). • Highest level referral centre for CCU patients with active liaison with lower level critical care services for referrals and transfer of patients to ensure safe service provision.	As for Level 5.

Infection Control

CSF Level	Service Description	Service Requirements	Workforce
1	• Has a risk management approach to infection prevention and control strategies. • Antimicrobial stewardship program including antimicrobial stewardship team policy, antimicrobial stewardship team, access to therapeutic guidelines and clinical microbiologist, antimicrobial formulary with restricted antibiotics and management support.	• Develop and implement policies and procedures to minimise the risk of healthcare associated infections. • Monitor effectiveness of these policies and procedures. • Undertake quality improvement activities.	-
2	As for Level 1 plus: • Infection prevention and control nurse service.	As for Level 1 plus: • Healthcare associated infection surveillance program.	-
3	As for Level 2 plus: • Infection prevention and control team.	As for Level 2 plus: • Medical infection prevention and control oversight. • Infection prevention and control committee.	-
4	As for Level 3 plus: • Antimicrobial stewardship program to include infectious diseases pharmacist (where possible) and infectious diseases physician consultancy.	As for Level 3 plus: • Antimicrobial stewardship program to include infectious diseases pharmacist (where possible) and infectious diseases physician consultancy.	-
5	As for Level 4 plus: • Hospitals with Emergency Departments have on-site medical Infection Prevention and Control service.	As for Level 4:	As for Level 4 plus: • Director of antimicrobial stewardship program. • Multidisciplinary antimicrobial stewardship team.
6	As for Level 5 plus: • Possible designated inpatient area for management of infectious and communicable diseases.	As for Level 5:	As for Level 5 plus: • On-site medical infection prevention and control service.

ICU-HDU

CSF Level	Service Description	Service Requirements	Workforce
1	-	No service. Refer to higher level service.	No service. Refer to higher level service.
2	HDU • Recovery area for post-operative patients. • Different high dependency areas for general ward patients requiring observation over and above that available in general ward area.	HDU • Recovery area for post-operative patients.	Nil.
3	As per Level 2.	As per Level 2.	<ul style="list-style-type: none"> • 24/7 access to medical officer on-site or available within 10 minutes. • RN equivalent to 6hrs/patient/day (1-4) desirable for high dependence beds. • Has NM or nurse in charge. • Access to psychiatric services via visiting specialist or Telehealth. • Access to medical and nursing education program.
4	Equivalent to level I CICM Guidelines • Separate and self-contained facility in the hospital capable of providing basic multi-system life support usually for less than 24hours.	Equivalent to level I CICM Guidelines • Mechanical ventilation and simple invasive cardiovascular monitoring for several hours.	Equivalent to level I CICM Guidelines • At least one specialist with training and experience in intensive, emergency medicine or general medicine who meet CICM requirements. • At least one RMO on-site or available to the unit at all times.
5	Equivalent to level II of CICM Guidelines • Separate and self-contained facility in hospital capable of providing complex multi-system life support.	Equivalent to level II of CICM Guidelines • Mechanical ventilation, extracorporeal renal support services and invasive cardiovascular monitoring for a period of several days. • 1:1 care for ventilations or equivalently critically ill. • Capacity to provide greater than 1:1 care if required.	Equivalent to level II CICM guidelines • Medical director accredited intensive care specialist or consultant physician in intensive care. • At least one specialist accredited with appropriate experience in intensive care. • Plus one RMO(s) who is on-site, predominantly present in the unit and exclusively rostered to the unit at all times. • NM with post-registration qualifications in intensive care or the clinical specialty of the unit. • Nurse in charge of the shift is a permanent staff member and appropriately qualified. • All nursing staff of the unit responsible for direct patient care are RNs. • Majority of nursing staff have post-registration qualifications in intensive care or clinical specialty of unit. • At least two RNs in unit if there is a patient in the unit. • Active medical and nursing education programs. • Access to the CNE. • 24/7 access to pharmacy, pathology, operating suite and imaging. • Appropriate access to physiotherapist, social worker, dietitians, pastoral care and other allied health services.
6	Equivalent to level III CICM Guidelines • Separate and self contained unit in hospital capable of providing complex, multi system life support for an indefinite period. • Referral centre for Intensive care patients.	Equivalent to level III CICM Guidelines • Mechanical ventilation, extracorporeal renal support services and invasive cardiovascular monitoring for an indefinite period.	Equivalent to level III CICM Guidelines • Medical director accredited intensive care specialist or consultant physician in intensive care. • Plus one RMO who is in the hospital predominantly present in the unit and exclusively rostered to the unit at all times. • NM with post registration qualifications in intensive care or units clinical specialty. • Nurse in charge of shift is permanent staff member and appropriately qualified. • Must be RNs if providing direct patient care. • Majority of nursing staff have post-registration qualifications in intensive care or unit clinical specialty. 1:1 care for ventilations or equivalent critically ill, greater than 1:1 for selected patients • More than two RNs present in the unit if patient in the unit. • CNE and formal nursing educational program. • Physiotherapy services are accessible. • Appropriate access to other allied health services. • Active research. • Designated social worker. • Biomedical engineering services onsite.

Operating Theatres

CSF Level	Service Description	Service Requirements	Workforce
1	No service. Refer to higher level service.	No service. Refer to higher level service.	No service. Refer to higher level service.
2	• Minor procedure capability by credentialed clinicians treatment or procedure room only no emergency operating theatre.	-	• Credentialed clinician.
3	As for Level 2 plus: • Single operating theatre for minor/same day procedures.	As for Level 2 plus: • 24/7 cover for caesarian section if performing obstetrics. • Separate recovery.	As for Level 2.
4	As for Level 3 plus: • More than one operating theatre/ procedure room.	-	As for Level 3 plus • Accredited medical practitioner providing anaesthetic services. • Specialist RN. • Access to specialist SRN.
5	As for Level 4 plus: • Access to ICU.	As for Level 4 plus: • Access to ICU.	As for Level 4 plus: • Specialist anaesthetist on 24/7 roster for low, moderate and high risk patients. • Medical officer on-site 24/7.
6	As for Level 5 plus: • Multiple operating theatres and procedure rooms. • Major and comp.	As for Level 5 plus: • Teaching and research role.	As for Level 5.

Pain Medicine

CSF Level	Service Description	Service Requirements	Workforce
1	No service. Refer to higher level service.	No service. Refer to higher level service.	No service. Refer to higher level service.
2	No service. Refer to higher level service.	No service. Refer to higher level service.	No service. Refer to higher level service.
3	• GP can manage patient with short term pain issues, with advice from higher level services.	• Development of pain management plan via Telehealth.	• GP.
4	As for Level 3 plus: • Limited inpatient care with parttime medical and nursing staff.	As for Level 3:	As for Level 3 plus: • Medical and nursing staff. • Access to physiotherapist. • Visiting pain medicine physician (or via Telehealth).
5	As for Level 4 plus: • Comprehensive multidisciplinary inpatient pain service.	As for Level 4 plus: • Comprehensive array of interventional procedures. • Research role with data collection.	As for Level 4 plus: • Access to rehabilitation specialist, psychiatrist, rheumatologist and addiction specialist.
6	As for Level 5 plus: • Access to neuromodulation and intrathecal infusion devices (pumps). • Provides Telehealth service.	As for Level 5 plus: • Leads research role and supports other centres. • Undergraduate and post-graduate teaching role with close affiliation to a major educational or research institution in the health sciences.	As for Level 5 plus: • A director or coordinator of the multidisciplinary pain clinic. • At least three medical specialties should be represented on the staff of a multidisciplinary pain clinic including rehabilitation specialist, psychiatrist/ psychologist, rheumatologist and addiction specialist. • Pain medicine physician on-call to support on-site senior personnel.

Pathology

CSF Level	Service Description	Service Requirements	Workforce
1	-	No Level 1 service. Refer to higher level.	No Level 1 service. Refer to higher level.
2	<ul style="list-style-type: none"> Specimen collection by RN or GP. Specimens transmittal to referral laboratory. 	<ul style="list-style-type: none"> Specimen collection by RN or GP. Specimens transmittal to referral laboratory. 	<ul style="list-style-type: none"> As for Level 1. RN or GP.
3	<ul style="list-style-type: none"> As for Level 2 plus: Able to perform a defined range of urgent tests. 	<ul style="list-style-type: none"> As for Level 2 plus: Specimen collection by pathology staff. 	<ul style="list-style-type: none"> As for Level 2. Pathology staff.
4	<ul style="list-style-type: none"> As for Level 3 plus: Performs range of basic tests. Able to provide specimen collection and initial plating microbiology. Services surrounding areas. 	<ul style="list-style-type: none"> As for Level 3 plus: Has blood gas analyser. Blood bank. 	<ul style="list-style-type: none"> As for Level 3. Full-time laboratory scientists.
5	<ul style="list-style-type: none"> As for Level 4 plus: 24/7 on-site service. Regional referral role. 	<ul style="list-style-type: none"> As for Level 4 plus: Pathology department. Microbiology and histopathology available. 	<ul style="list-style-type: none"> As for Level 4. Full-time pathologist.
6	<ul style="list-style-type: none"> As for Level 5 plus: Statewide referral role. Teaching and research role. 	-	<ul style="list-style-type: none"> As for Level 5. Specialist registrar in training.

Pharmacy

CSF Level	Service Description	Service Requirements	Workforce
1	<ul style="list-style-type: none"> Provides services to an ambulatory population. Service not limited to rural and remote areas and may include services provided from other community health centres. 	<ul style="list-style-type: none"> Medications supplied on discharge by individual prescription from a community pharmacy, primary health care clinic or higher level service. Access provided to basic medicines information to patients verbally and in writing. Where no pharmacist employed, onsite medication oversight provided by a pharmacist located elsewhere from a higher service (e.g. via Telehealth) or via a process with a community pharmacist approved by the regional chief pharmacist. 	<ul style="list-style-type: none"> Access to medical practitioner or nurse practitioner (within scope of practice) for prescriptions
2	<ul style="list-style-type: none"> As for Level 1 plus: Provides limited ambulatory and inpatient clinical pharmacy. 	<ul style="list-style-type: none"> As for Level 1 plus: Provides medication service to patients assessed as having a medication risk. (i.e. paediatric patients polypharmacy, high risk medicines etc) via regional resource centres/ IDHS Access to more specialised pharmacist support from higher level facility. 	<ul style="list-style-type: none"> As for Level 1 plus: Sessional or part-time pharmacist or visiting pharmacist from regional hospital or a contracted service approved by the regional chief pharmacist. Services may be provided from registered nurses or other allied workers as allowed by the legislation. Medication for inpatients may be supplied from regional resource centre, community pharmacy, registered medical practitioner or hospitals.
3	<ul style="list-style-type: none"> As for Level 2 plus: Service is predominantly to inpatients but includes a limited service to dispense medication to ambulatory patients. May have regional responsibilities. 	<ul style="list-style-type: none"> As for Level 2 plus: Provides clinical pharmacy on weekdays through an on-site pharmacy. An established out-of-hours medication mechanism and access to a pharmacist for emergency advice 24/7. May provide basic, non sterile extemporaneous compounding May provide internships in pharmacy services. Provision or recipient of telepharmacy services from specialist pharmacist. 	<ul style="list-style-type: none"> As for Level 2 plus: Services provided by a pharmacist on-site or a contracted community pharmacy approved by the regional chief pharmacist. Supported by technical or assistant staff to provide services. Access to other multidisciplinary professionals as required.
4	<ul style="list-style-type: none"> As for Level 3 plus: Services provided to inpatients and to ambulatory patients for general and specialty clinics. Provides a medication service to patients with a medium to high medication risk. 	<ul style="list-style-type: none"> As for Level 3 plus: An on-site pharmacy with appropriately maintained facilities. Provision of clinical pharmacy services for inpatient and outpatients and may provide a dedicated clinical services to specific areas e.g. ED, AMU. An after-hours, on-call service for medication supply and clinical service. Medication information service available during business hours. Access to non sterile extemporaneous compounding and sterile individual compound products (excluding cytotoxic, chemotherapy and medications requiring higher level support). May provide support for clinical trials medication dispensing and distribution. 	<ul style="list-style-type: none"> As for Level 3 plus: Staffing requirements should comply with the APAC and SHPA guidelines. May receive telepharmacy input from a specialist pharmacist from a higher level service.
5	<ul style="list-style-type: none"> As for Level 4 plus: Provides services to patients with high medication risk. The service has capacity to act as a referral service for very high risk patients except those who need state-wide specialist clinical service. Extended hours of service with a pharmacist available 24/7. 	<ul style="list-style-type: none"> As for Level 4 plus: Medications and clinical pharmacy services for inpatients, day patients, ambulatory patients in specialty clinic. Non sterile extemporaneous compounding and sterile individual compound products (e.g. chemotherapy including parenteral, targeted and oral chemotherapy). A medicine/drug information service available 24/7 pharmaceutical review. Participate in clinical medication trials and ability to provide management and support for clinical trials. May actively participate in multidisciplinary research activities. Training site for medical and nursing, allied professions and contributes to teaching programs and collaborates with higher education providers. Provides and receives telepharmacy services. 	<ul style="list-style-type: none"> As for Level 4 plus: Staffing to include advanced level pharmacy practitioners, employed full-time and located onsite. Pharmacist available on-site for assessment of competency, medication services for regional and community role, provision of remote.
6	<ul style="list-style-type: none"> As for Level 5 plus: Provides services for patients with highest level medication risk (risk with complexity). Acts as referral service for lower levels services across the state. 24/7 on-call service. Statewide organisational or institutional resource. 	<ul style="list-style-type: none"> As for Level 5 plus: Statewide organisational or institutional resource. Participating in guideline/policy development processes for statewide organisational, institutional and/or national guidelines. Involved in research, clinical trials, clinical review and drug use evaluation. A specialised or statewide medicines and drug information/ policy and/ or poisons information service may be provided. Provide telepharmacy to smaller sites/ services. 	<ul style="list-style-type: none"> As for Level 5 plus: Clinical pharmacists to be aligned with clinical specialty services. Clinical pharmacist dedicated to a clinical unit is advanced level practitioner with expertise in the clinical area.

Radiology

CSF Level	Service Description	Service Requirements	Workforce
1	No service. Refer to higher level service.	-	-
2	<ul style="list-style-type: none"> Mobile service and limited to x-ray of extremities, chest, pelvis. Teleradiology available. PACS available. 	-	-
3	<ul style="list-style-type: none"> As for Level 2 plus: On-site designated room. Simple ultrasound capacity for foetal monitoring. Teleradiology facility available. 	-	-
4	<ul style="list-style-type: none"> As for Level 3 plus: Facilities for general and fluoroscopy, in addition to mobile x-ray unit, OR and ED. Auto film processing capacity. Mobile image intensifier in OR and/or ICU/CCU. Ultrasound available. May have CT scanner, MRI and nuclear medicine. Teleradiology facility available. 	-	-
5	-	-	-
6	-	-	-