

OCP Service Profiles | Interface with Acute Health Services

This document outlines clinical and physical services as described in each optimal care pathway, where care interfaces with acute health services.

All OCPs have:

- Supportive care needs assessed throughout every step of the pathway
- Multidisciplinary team meeting
- Access to research and clinical trials
- Palliative care
- Rehabilitation

Hospital or treatment unit characteristics for providing safe and quality care apply to all OCPs. They include:

Surgery | general

- Appropriate nursing and theatre resources to manage complex surgery
- A clearly defined path to emergency care and advice after hours
- An intensive care unit
- 24-hour medical staff availability
- 24-hour operating room access
- Specialist pathology expertise
- In-house access to specialist radiology and nuclear medicine expertise

Chemotherapy | general

- A clearly defined path to emergency care and advice after hours
- Access to basic haematology and biochemistry testing
- Cytotoxic drugs prepared in a pharmacy with appropriate facilities
- Appropriate molecular pathology access
- Mechanism for coordinating combined therapy (chemotherapy and radiation therapy) especially where facilities are not collocated

Radiotherapy | general

- Credentialed radiation therapists and physicists
- Radiation therapy nurses, physicists and therapists
- Access to CT/MRI scanning for simulation and planning
- Access to PET and electronic transfer of PET data for planning
- Mechanisms for coordinating chemotherapy and radiation therapy, especially where facility is not collocated
- Access to allied health services

End of life care | general

- Pain specialist
- Pastoral carer or spiritual advisor
- Bereavement counsellor
- Therapist (for example, music or art)
- Home-and community-based care
- Specialist community palliative care workers
- Community nursing

OPTIMAL CARE PATHWAY SERVICE PROFILE MATRIX

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6	STEP 7	
Prevention & early detection	Presentation, initial investigations and referral	Diagnosis, staging and treatment planning	Treatment	Hospital or treatment unit characteristics for providing safe and quality care	Care after initial treatment and recovery	Managing recurrent, residual or metastatic disease	End of life care
Acute Myeloid Leukaemia	Outside scope of acute health services	<ul style="list-style-type: none"> Pathology specimens collected and reviewed by a pathologist with expertise in diagnosing AML Additional tests: cytogenetics, flow cytometry and molecular pathology. Access to infectious diseases clinician, haematologist Fertility preservation 	<ul style="list-style-type: none"> Allogeneic stem cell transplantation Systemic chemotherapy Interventional radiology and/or certified proceduralists competent in inserting central venous access devices Autograft Radiotherapy Total body irradiation 	<p>Chemotherapy general See page 1</p> <p>Chemotherapy AML specific</p> <ul style="list-style-type: none"> Dedicated standard isolation rooms (single rooms with en suite and clinical hand-washing facilities) Access to a cell separator for collecting peripheral blood progenitor cells HEPA-filtered environment/rooms in the inpatient setting Immediate blood product support A clearly defined path to emergency care and advice after hours Access to total parenteral nutrition Access to a dental service familiar with mouth care issues experienced by haematology patients Accessible emergency apheresis for managing hyperleukocytosis Rapid access to an interventional radiologist/proceduralists An infectious disease specialist 	<ul style="list-style-type: none"> Units treating AML should seek to develop specialised survivorship programs for patients who have completed anti-leukaemia therapy Patients who have received allo-SCT will require specific long-term follow-up plans coordinated by the survivorship program at the transplant unit 		

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Basal Cell Carcinoma or Squamous Cell Carcinoma		Outside scope of acute health services	<ul style="list-style-type: none"> • Sentinel lymph node biopsy dermatologist 	<ul style="list-style-type: none"> • Surgery • Chemotherapy • Radiotherapy • Plastic surgery 	<p>Surgery general See page 1</p> <p>Chemotherapy general See page 1</p> <p>Radiotherapy general See page 1</p>			
Breast	<ul style="list-style-type: none"> • BreastScreen mammography 		<ul style="list-style-type: none"> • Mammography and ultrasound • Ultrasound of the axilla (including FNA of nodes if the axillary ultrasound is abnormal) • Breast core biopsy • Breast cancer receptor profile (ER, PR, HER2) • Genetic counselling • CT • Bone scan • Breast care nurse • Fertility preservation • Lymphoedema management • Genetic counselling • Prehabilitation 	<ul style="list-style-type: none"> • Breast-conserving surgery • Mastectomy • Plastic and reconstructive surgery • Chemotherapy • Radiotherapy 	<p>Surgery general See page 1</p> <p>Chemotherapy general See page 1</p> <p>Radiotherapy general See page 1</p>	<ul style="list-style-type: none"> • Lymphoedema management • Look Good Feel Better program • Survivorship care plans 		

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Colorectal	<ul style="list-style-type: none"> FOBT screening Colonoscopy 	Outside scope of acute health services	<ul style="list-style-type: none"> CT Whole-body fluoro-deoxyglucose positron emission tomography (FDG PET) MRI 	<ul style="list-style-type: none"> Care coordinator Surgery Radiotherapy Chemotherapy Allied health, especially nutrition health and advice 	<p>Surgery general See page 1</p> <p>Chemotherapy general See page 1</p> <p>Chemotherapy CRC specific</p> <ul style="list-style-type: none"> Appropriate molecular pathology access (such as Kras molecular testing) <p>Radiotherapy general See page 1</p> <p>Radiotherapy CRC specific</p> <ul style="list-style-type: none"> Access to PET and electronic transfer of PET data for planning Access to allied health, especially nutrition health and advice <p>Other CRC specific</p> <ul style="list-style-type: none"> Stomal therapy support 			
Endometrial			<ul style="list-style-type: none"> CT MRI Endocrinologist or bariatric service Fertility preservation Genetic counselling 	<ul style="list-style-type: none"> Surgery Radiotherapy Brachytherapy Chemotherapy 	<p>Surgery general See page 1</p> <p>Chemotherapy general See page 1</p> <p>Radiotherapy general See page 1</p> <p>Radiotherapy endometrial specific</p> <ul style="list-style-type: none"> Access to allied health, especially nutrition health and advice 	<ul style="list-style-type: none"> Lymphoedema management 		

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Head and Neck	<ul style="list-style-type: none"> Smoking cessation 	Outside scope of acute health services	<ul style="list-style-type: none"> Endoscopy FNA CT MRI PET 	<ul style="list-style-type: none"> Surgery Special needs dentist Care coordinator Nutrition/dietitian Speech pathology Oral maxillofacial surgeon Radiotherapy Chemotherapy 	<p>Surgery general See page 1</p> <p>Surgery H&N specific</p> <ul style="list-style-type: none"> Appropriate nursing and theatre resources to manage complex head and neck surgery 24-hour medical staff availability Ward staff with specific training in looking after patients who have undergone tracheostomy, laryngectomy or gastrostomy Specialist dietetics support In-house access to interventional radiology Ability to perform or refer for ancillary study <p>Chemotherapy general See page 1</p> <p>Radiotherapy general See page 1</p> <p>Radiotherapy H&N specific</p> <ul style="list-style-type: none"> Close collaboration with head and neck subspecialty medical oncologists Access to allied health, especially dietetics and speech pathology Access to MRI and PET fusion for radiation therapy planning 		

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Hepatocellular Carcinoma	<ul style="list-style-type: none"> Support for alcohol and/or drug addiction 	Outside scope of acute health services	<ul style="list-style-type: none"> Four-phase contrast-enhanced CT scan MRI with contrast Contrast-enhanced ultrasound Liver biopsy 	<ul style="list-style-type: none"> Local ablative therapies (radiofrequency, microwave or percutaneous alcohol injection) Surgery: Resection Liver transplant Regional therapies: TACE SIRT Stereotactic therapy 	<p>Surgery general See page 1</p> <p>Surgery HCC specific</p> <ul style="list-style-type: none"> Full support from other surgical specialties including vascular surgery, colorectal surgery, urological surgery and upper gastrointestinal surgery Expert and timely interventional radiology 			
High Grade Glioma			<ul style="list-style-type: none"> Clinical genetics service MRI Neuro-pathology 	<ul style="list-style-type: none"> Surgery Radiotherapy Chemotherapy 	<p>Surgery general See page 1</p> <p>Surgery high grade glioma specific</p> <ul style="list-style-type: none"> A full neurosurgical service for cranial neurosurgery with MRI, post-operative high dependency unit and intensive care unit Appropriate nursing and theatre resources to manage complex neurosurgery <p>Chemotherapy general See page 1</p> <p>Radiotherapy general See page 1</p>		<p>Palliative care high grade glioma specific</p> <ul style="list-style-type: none"> Respite specialist 	

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Hodgkin Lymphoma & DLBC Lymphoma		Outside scope of acute health services	<ul style="list-style-type: none"> Bone marrow biopsy Anatomical pathology flow cytometry Cytogenetics and gene mutation testing FDG PET scanning Fertility preservation 	<ul style="list-style-type: none"> Chemotherapy Stem cell transplantation Cell separator for collecting peripheral blood progenitor cells (Apheresis) Radiotherapy Dedicated standard isolation room AYA assessment and management 	<p>Chemotherapy general See page 1</p> <p>Chemotherapy Hodgkin lymphoma & DLBC lymphoma specific</p> <ul style="list-style-type: none"> Dedicated standard isolation rooms Access to a cell separator <p>Radiotherapy general See page 1</p> <p>Radiotherapy Hodgkin lymphoma & DLBC lymphoma specific</p> <ul style="list-style-type: none"> Staff to be familiar with lymphoma-specific radiation therapy techniques 			
Lung	<ul style="list-style-type: none"> Smoking cessation 		<ul style="list-style-type: none"> Bronchoscopy Thoracoscopy Thoracotomy Mediastinoscopy EUS EBUS CT-guided biopsy Excisional biopsy Molecular testing CT Nuclear medicine including bone and PET scans 	<ul style="list-style-type: none"> Surgery Radiotherapy chemotherapy Care coordinator 	<p>Surgery general See page 1</p> <p>Surgery lung specific</p> <ul style="list-style-type: none"> Appropriate nursing and theatre resources to manage complex thoracic surgery <p>Chemotherapy general See page 1</p> <p>Chemotherapy lung specific</p> <ul style="list-style-type: none"> Appropriate molecular pathology access <p>Radiotherapy general See page 1</p> <p>Radiotherapy lung specific</p> <ul style="list-style-type: none"> Access to allied health, especially nutrition health and advice 			

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Melanoma		Outside scope of acute health services	<ul style="list-style-type: none"> • Biopsy • Sentinel lymph node biopsy 	<ul style="list-style-type: none"> • Dermatological assessment • Surgery - Sentinel lymph node biopsy and regional lymph node biopsy • Radiotherapy • Chemotherapy 	<p>Surgery general See page 1</p> <p>Chemotherapy general See page 1</p> <p>Radiotherapy general See page 1</p>			
Oesophagogastric	<ul style="list-style-type: none"> • Smoking cessation 		<ul style="list-style-type: none"> • CT • EUS • PET • Endoscopy • Laparoscopy 	<ul style="list-style-type: none"> • Surgery • Endoscopic treatments • Chemotherapy • Radiotherapy • Nutritional assessment • Care coordinator 	<p>Surgery general See page 1</p> <p>Surgery OG specific</p> <ul style="list-style-type: none"> • An intensive care unit familiar with oesophagogastric surgery • 24-hour access to interventional radiology • Fully supported by other surgical specialties • Specialist anaesthetists <p>Chemotherapy general See page 1</p> <p>Radiotherapy general See page 1</p>			

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Ovarian		Outside scope of acute health services	<ul style="list-style-type: none"> Fertility preservation Genetic counselling Pelvic ultrasound CT CT biopsy MRI 	<ul style="list-style-type: none"> Surgery Chemotherapy Radiotherapy 	<p>Surgery general See page 1</p> <p>Chemotherapy general See page 1</p> <p>Chemotherapy ovarian specific</p> <ul style="list-style-type: none"> Intraperitoneal (IP) chemotherapy <p>Radiotherapy general See page 1</p>			
Pancreatic			<ul style="list-style-type: none"> Contrast-enhanced multidetector computed tomography scan (MDCT) Contrast-enhanced MRI pancreas or magnetic resonance cholangiopancreatography (MRCP) EUS Diagnostic laparoscopy CT ERCP 	<ul style="list-style-type: none"> Surgery Chemotherapy Chemoradiotherapy Nutritional assessment and support 	<p>Surgery general See page 1</p> <p>Surgery pancreatic specific</p> <ul style="list-style-type: none"> ERCP 24-hour access to interventional radiology or ERCP Fully supported by other surgical specialties <p>Chemotherapy general See page 1</p> <p>Radiotherapy general See page 1</p>			

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Prostate	Outside scope of acute health services	<ul style="list-style-type: none"> • Biopsy • MRI • Bone scan • Fertility preservation 	<ul style="list-style-type: none"> • Surgery • Radiotherapy - external beam • Brachytherapy • Androgen deprivation therapy • chemotherapy 	<p>Surgery general See page 1</p> <p>Surgery prostate specific</p> <ul style="list-style-type: none"> • Specialised urology, continence nursing and physiotherapy support • Support for managing common complications of surgery such as treating incontinence with artificial urinary sphincters or slings <p>Chemotherapy general See page 1</p> <p>Radiotherapy general See page 1</p> <p>Radiotherapy prostate specific</p> <ul style="list-style-type: none"> • Specific trained brachytherapy staff (plus urologist) (for those sites delivering brachytherapy) 			