

# Appendix 2

## NW Specialised Service Segmentation

- This segmentation reflects the natural planning footprints for specialised services in the NW region based on patient flows.
- The services are categorised within national 'Programmes of Care' are being suitable for decision making at single-ICS level; and those that will require multi ICS collaboration across all three NW ICBs and at North of England (supra-regional) level.
- Specialised Services that will be retained as a national NHS England commissioning responsibility are also listed.

# Internal Medicine

Programme of Care	ICS Level	North West Level	Supra-Regional	National (T4)
<b>Internal Medicine</b>	Cardiac Surgery Cardiac ICD/CRT Cardiac MRI Cardiac EP and Ablation Cardiac PPCI Vascular Surgery Complex IBD Faecal Incontinence Colorectal TEMS Surgery Acute Kidney Injury Assessment for Dialysis Renal Dialysis (Hospital) Renal Dialysis (Home) Renal Dialysis (Peritoneal)	Cystic Fibrosis (Adult) Cystic Fibrosis (Children) Hepatobil & Pancreas (A) Pancreatic Cancer (A) Anal Cancer (Adult) Intestinal Failure (A) Spc Endocrinology (A) Spc Rheumatology (A) Spc Dermatology (A) Skin Cancer (Adult) Interstitial Lung Disease Complex Ventilation Severe Asthma Renal Transplantation Distal Sacrectomy (A) ACHD	Pulmonary Hypertension	Liver Transplant (Adult) Small Bowel Transplant (A) Sclerosing Peritonitis Surg Auto Intestinal Reconstruct Pseudomyxoma Peritonei Pulmonary Thromboendart. Epidermolysis Bullosa Xeroderma Pigmentosum Behcets Syndrome Complex Ehlers Danlos Ataxia Telangiectasia (A) Chronic Pulmonary Aspergillosis Congenital Hyperinsulinism Insulin Resistant Diabetes Islet Cell Transplantation Pancreas Transplantation Alstrom Syndrome Bardet-Biedl Syndrome Wolfram Syndrome Ventricular Assist Devices Heart & Lung Transplant

# Cancer

Programme of Care	ICS Level	North West Level	Regional (T3)	National (T4)
Cancer	OG Cancer (Adult) Kidney Blad Prostate Cancer Chemotherapy (Adult) PET-CT Head & Neck Cancer (Ad)	Radiotherapy Brachytherapy Malignant Mesothelioma Soft Tissue Sarcoma (Adult) CNS Cancers (Adult) Penile Cancer (Adult) Testicular Cancer (Adult) Chemotherapy (TYA) TYA Cancer		Breast Radiotherapy Injury Proton Beam Therapy Primary Bone Cancers Complex NF Type 1 NF Type 2 Ex-vivo Partial Nephrectom

# Blood & Infection

Programme of Care	ICS Level	North West Level	Supra-Regional	National (T4)
<b>Blood &amp; Infection</b>	HIV (Adult) Spc Immunology Spc Allergy	HSCT (Adult) HSCT (Children) Haemoglobinopathy Haemophilia HIV (Children) Spc Infectious Diseases (A) Tropical Medicine Bone & Joint Infection		SCIDS Atyp Haeomlytic Uremic S Parox Nocturnal Haemogl HTLV I & II High Secure Infectious Dis.

# Trauma

Programme of Care	ICS Level	North West Level	Supra-Regional	National (T4)
<b>Trauma, Head and Neck</b>	Specialised Rehab Neurosurgery (Adult) Spc Neurosciences Spc Orthopaedics Spc Ophthalmology (Adult) Spc Ophthalmology (Child) Complex Spinal Surgery Major Trauma Implantable Hearing Aids (BAHA)	Critical Care (Adult) Communication Aids Environmental Controls Prosthetics Stereotactic Radiosurgery Specialised Burns Cleft Lip & Palate Specialised Pain Cochlear Implants	Hyperbaric Oxygen Therapy Spinal Cord Injuries Middle Ear Implant Aids	Hand Transplantation Artificial Eyes (Implants) Rare Neuromuscular Neuromyelitis Optica Ocular Oncology Ophthalmic Pathology OOKP Stickler Syndrome ECMO (Respiratory) (Adult)

# Women's & Children's

Programme of Care	ICS Level	North West Level	Supra-Regional	National (T4)
<b>Women's &amp; Children's</b>	Paed Rheumatology Paed Endocrinol & Diabetes Paed Respiratory Paed Allergy (please see adult allergy slide) Neonatal Critical Care Gynae: Endometriosis Gynae: Urogenital/Anorectal Gynae: Incontinence/Prolap Gynae: Cancer	Paed Surgery Paed Chronic Pain Neonatal Surgery Paediatric Renal Paed Gastro Hep & Nutrit Paed Immunol & Infection Paed Haematology Perinatal Pathology Paed Palliative Care Paed Oncology Paed Intensive Care Paed High Dependency Paed Long Term Ventilation PIC Retrieval NIC Retrieval Paed Neurosurgery Paed Neurology Paed Neurodisability Paed Neurorehabilitation Gynae: Congenital Abnorm Gynae: Urinary Fistulae Fetal Medicine	Paediatric Cardiol & Surg Metabolic Disorders (Adult) Metabolic Disorders (Child) Metabolic Disorders (Labs)	Medical Genetics Beckwith Wiedemann Bladder Exstrophy Complex Tracheal Surgery Craniofacial Surgery Liver Transplant (Child) Small Bowel Transplant (C) Spc Liver Disease (C) Retinoblastoma Paed Pulmonary Hypertens Alkaptonuria Barth Syndrome LSDs Epilepsy Surgery (Child) Ataxia Telangiectasia (C) Vein of Galen Malformation Choriocarcinoma Osteogenesis Imperfecta CAPS Amyloidosis 1ry Ciliary Diskenesia (C) Rare Mitochondrial Disords McArdles Disease Severe Acute Porphyria Paediatric Gender Identity

# Mental Health

Programme of Care	ICS Level	North West Level	Supra-Regional	National (T4)
<b>Mental Health</b>	Inpatient Eating Disorders Medium Secure MH Low Secure MH  CAMHS: Adolescent CAMHS: Eating Disorders CAMHS: Psych ICU CAMHS: ASD CAMHS: Learning Disability	Tier 4 Personality Disorders Gender Identity Clinical Perinatal Mental Health CAMHS: Low Secure	Gender Identity Surgery CAMHS: Children	High Secure Mental Health Deaf Mental Health Deaf CAMHS Severe OCD and BDD Veterans PTSD Secure Forensic CAMHS