

Paediatric Critical Care Update for the Joint Integrated Care Partnership Overview and Scrutiny Committee

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20 November 2023

INTRODUCTION



What is an Operational Delivery Network

What is Paediatric Critical Care

Managing winter demand :The North East and North Cumbria Acute in-patient response to winter surge

Questions



North East and North Cumbria PCC + SIC
Operational • Delivery • Network

What is an Operational Delivery Network

- Getting the acute in-patient providers to work together across the North East and North Cumbria
- Brings together clinicians, providers, commissioners and patients to understand the regional needs
- Address variation and improve care quality and outcomes
- Principle – children and young people are treated in the right place, at the right time, by the right people
- Care is delivered close to home as possible:
centralisation vs local care
- Sharing good practice and learning



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Network Structure

Board – Chair Lyn Simpson CE North
Cumbria Integrated Care Trust

Host: South Tees FT Senior
Responsible Officer Sam Peate

PCC Clinical Lead
Fiona Smith
(Anaesthetist)

PCC Clinical Lead
Rachel Agbeko
(Intensivist)

SIC Clinical Lead
Gareth Hosie (Surgeon)

Lead Nurse
Jo Mulholland

Network Manager
Julie Bloomfield

Educator Louise
Cullen

Project Support Officer Anne Watson
Access to data analyst

Commissioned by NHS England specialised commissioning team



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WHAT OUR NETWORK IS

What it is	What it is isn't	But
An enabler, facilitator and co-ordinator	A provider	
By working together, we will be able to define what we need for PCC and SIC in our region, we can advise and influence commissioners what to commission	A commissioner	The landscape is changing as we move to the ICS
Makes recommendations to Trusts re good practice	A statutory body - there is no authority over Trusts, which are independent organisations	
A commissioned core team, but our regional scoping exercises will enable us to understand what the needs of the region are	Direct access to funds to allocate	Well placed to identify opportunities from national and regional funding streams to support service development
Raising the profile of hospital based services for children & young people		









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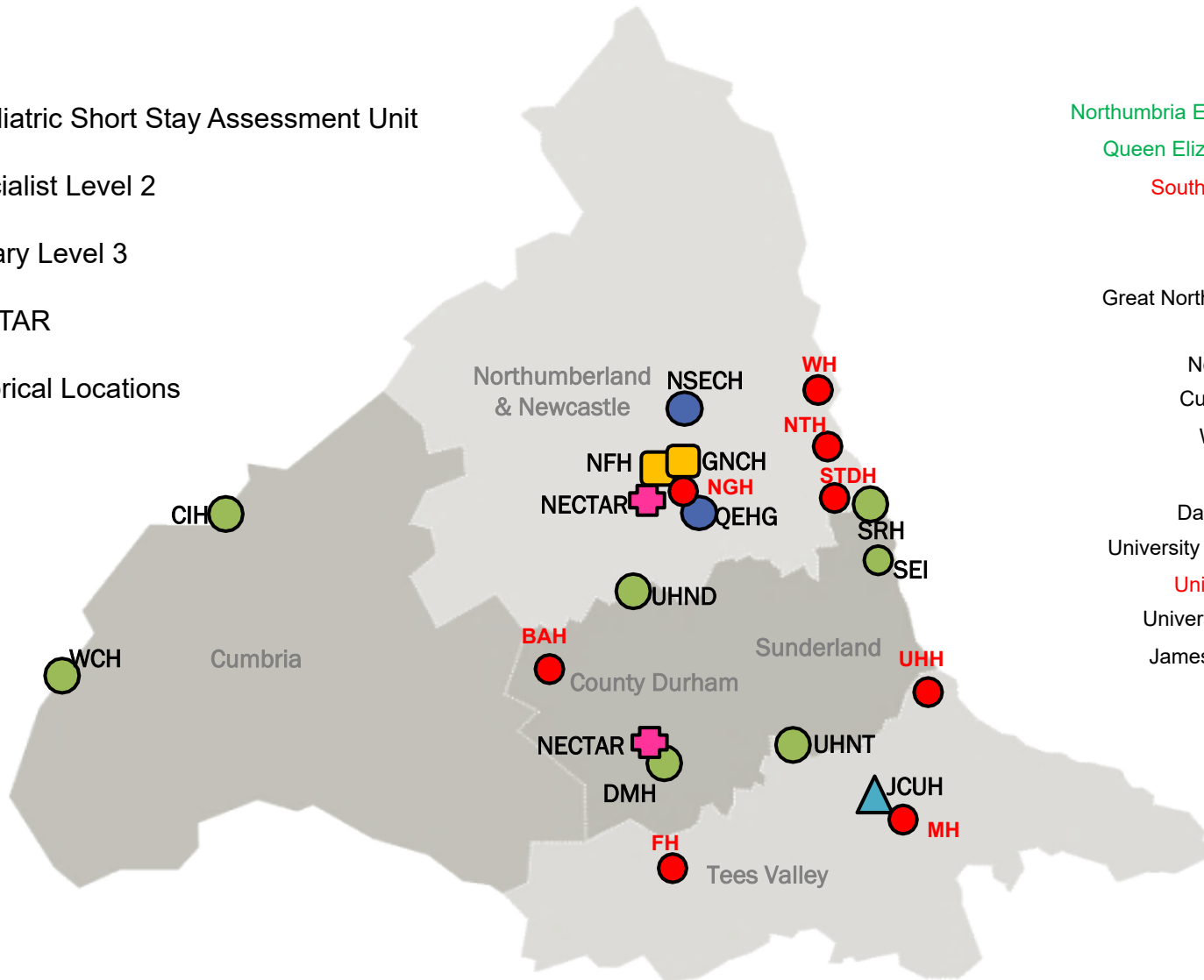
What is Paediatric Critical Care

	What is it	Where is provided	Who commissions it
Level 1	Any child who requires a hospital admission e.g. severe asthma	Every unit where acute care is provided i.e. every NHS Trust	ICB/ICS
Level 2	High Dependency Care e.g. A child requiring non-invasive ventilation , associated with speciality activity such as dialysis or complex surgery e.g. spinal scoliosis	James Cook University Hospital- South Tees Great North Children's Hospital – Newcastle	NHS England Specialised commissioning
Level 3	Intensive Care Critically ill children who require mechanical ventilation and advanced critical care such as Extracorporeal Membrane Oxygenation and hemofiltration	Great North Children's Hospital – Newcastle Freeman Hospital – Newcastle	NHS England Specialised commissioning
NECTAR	Specialist Transport and Retrieval service	Hosted by Newcastle upon Tyne Hospitals Trust	NHS England Specialised commissioning

PCC & SIC Historical & Current Locations

-  DGH
-  Paediatric Short Stay Assessment Unit
-  Specialist Level 2
-  Tertiary Level 3
-  NECTAR
-  Historical Locations

- Wansbeck Hospital - **WH**
- North Tyneside Hospital - **NTH**
- Northumbria Emergency Care Hospital - **NSECH**
- Queen Elizabeth Hospital Gateshead - **QEHG**
- South Tyneside District Hospital - **STDH**
- Sunderland Royal Hospital - **SRH**
- Sunderland Eye Infirmary- **SEI**
- Great North Children's Hospital (RVI) - **GNCH**
- Newcastle General Hospital **NGH**
- Newcastle Freeman Hospital - **NFH**
- Cumberland Infirmary Hospital - **CIH**
- West Cumberland Hospital - **WCH**
- Bishop Auckland Hospital - **BAH**
- Darlington Memorial Hospital - **DMH**
- University Hospital of North Durham - **UHND**
- University Hospital of Hartlepool-**UHH**
- University Hospital of North Tees - **UHNT**
- James Cook University Hospital - **JCUH**
- Middlesbrough Hospital-**MH**
- Friarage Hospital - **FH**

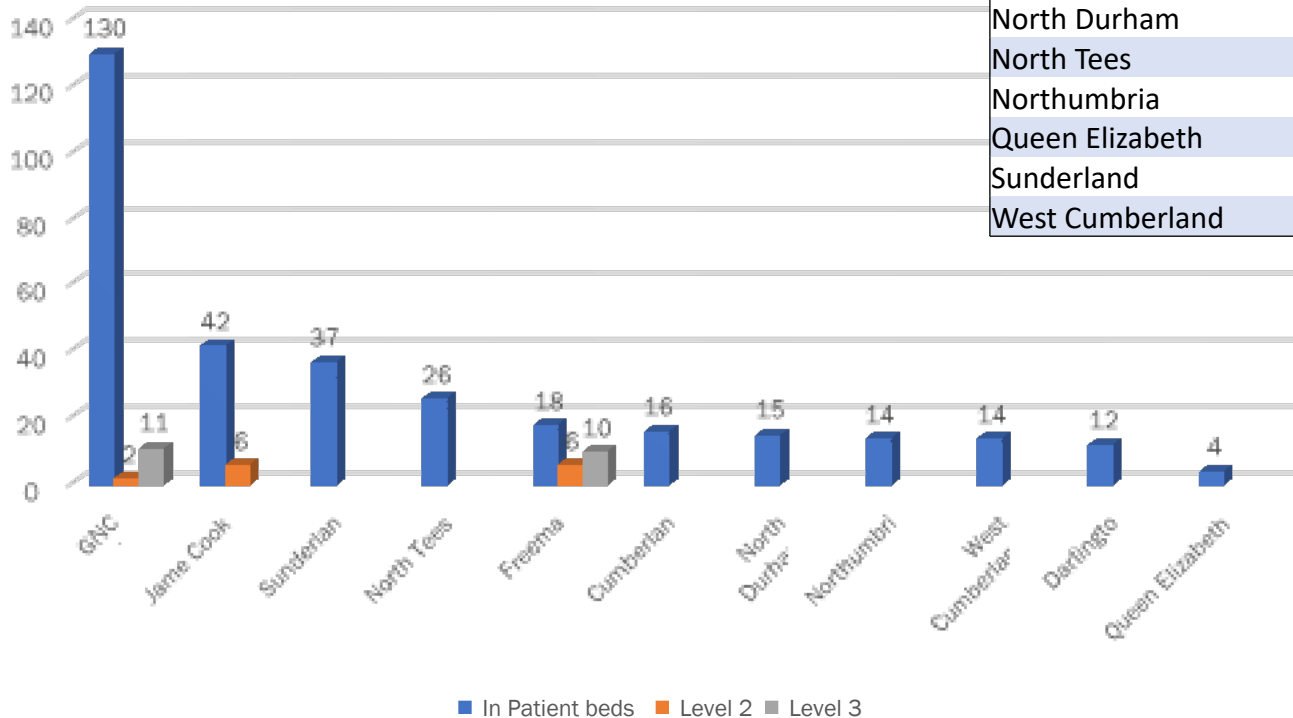


Paediatric Critical Care Beds



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NENC Paediatric Critical Care beds



Hospital Sites	In Patient beds	Level 2	Level 3
Cumberland	16		
Darlington	15		
Freeman (cardiac)	18	6	10
GNCH	130	2(new)	11(*)
James Cook	42	6	
North Durham	15		
North Tees	26		
Northumbria	14 (SSAU)		
Queen Elizabeth	4 (SSAU)		
Sunderland	37		
West Cumberland	14		



Data Source –
NECTAR Bed Report

Managing Winter Demand



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Communication	Managing Demand	Tools and Resources
<p>Regional bed board x 2 a day</p> <p>Daily review of National bed board</p>	<p>Additional level 1- North Tees 2 level 2 beds at Great North Childrens Hospital</p> <p>Expanding the Long Term Ventilation Team</p>	<p>Adult mutual aid pathway Decompression pathway Pan regional mutual aid</p>
<p>Daily system call across North East and North Cumbria</p> <p>Weekly paediatric system call (Paediatric Regional Update)</p>	<p>Surgical elective Programme rescheduled</p>	<p>Exception reporting</p>
<p>2 x a week call with the network in Yorkshire and Humber and North West (Scotland join when required)</p>	<p>Prevent admissions (not in the scope of this network but linked)</p> <p>111, Primary Care , Healthier Together Website, Immunisation programmes ;flu, measles. palivizumab</p>	<p>Training and Education Webinars</p>
		<p>Plan – with action cards</p>

Visit our website

[Home \(nenc-pcc-sic-odn.org.uk\)](http://nenc-pcc-sic-odn.org.uk)

[Home :: North East and North Cumbria Healthier Together \(nenc-healthiertogether.nhs.uk\)](http://nenc-healthiertogether.nhs.uk)

Any Questions

