

**NORTH THAMES
PAEDIATRIC NETWORK**

YEAR 2022-23

ANNUAL REPORT 2022-23

LATEST INFORMATION AND UPDATES
ABOUT NORTH THAMES PAEDIATRIC NETWORK



**North Thames
Paediatric Network**
Connecting paediatric services

NHS
England
London

A WORD FROM OUR CLINICAL DIRECTOR



The North Thames Paediatric Network is a strategic and operational Children and Young Person's (CYP) network and prides itself on being a true clinical collaboration of service providers working to improve the health and care of children and young people in the North Thames area.

The vision is to function as a virtual children's hospital across the region, providing equitable access to outstanding care at the right place and at the right time.

Our Network consists of 24 hospitals providing paediatric and adolescent care, of which 8 offer tertiary or specialist level care to children and young people.

Hosted at Great Ormond Street Hospital for Children, and funded by NHS England the Network covers a wide range of clinically led specialty areas including five operational delivery networks.

We work in a multi-disciplinary approach with work programmes informed by regional issues, the NHS Long Term Plan, Core20Plus5, national GIRFT reviews and national specifications.

At our very core we aim to:

- Place children and their families at the centre of decision making.
- Listen to, collaborate with and support service providers within the network.
- Act independently of organisations, thinking as a network partner.
- Share data, information, best practice and learnings to support our network goals.

Since the Covid pandemic it has become evident that the gap between adult and CYP service provision and funding has widened. We must continue to advocate so that the voice and needs of our CYP are heard and prioritised. In particular over the next year we will focus on addressing health inequalities, responding to population health needs, improving in digital innovation and working to integrate with the evolving Integrated Care Systems.

DR MAMTA VAIDYA

CLINICAL DIRECTOR

NORTH THAMES PAEDIATRIC NETWORK



**North Thames
Paediatric Network**
Connecting paediatric services



OUR SPECIALTIES



**Paediatric
Critical Care**



**Surgery
in Children**



**Neurology &
Epilepsy**



Gastroenterology



**Paediatric
Cancer**



**Teenage &
Young
Adult Cancer**



**Long Term
Ventilation**



**Winter/Surge
Planning**



**Emergency
Pathways**



**Education &
Shared Learning**



**Congenital
Heart
Disease**



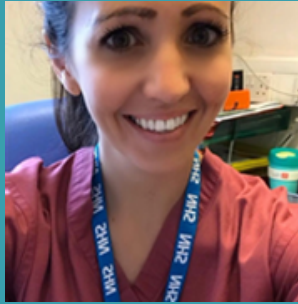
**Data Analytics
& Health
Inequalities**

CORE TEAM

Leadership Team



Dr Mamta Vaidya
Clinical Director



Kate Plunkett-Reed
Network Director



Geraldine Munn-Mace
Network Nurse Director

Operational, Projects and Data Team



Lauren Martin
Deputy Network Director



Jessica Kinghorn
Network Administrator



Shah Hussain
Senior Data Manager &
Business Analyst

Nursing Team



Amy Hunter
Network Lead Educator
Risk & Governance Lead



Selina Wong
Regional LTV Education
Implementation Lead



Tanya O-Driscoll
Lead Nurse
Surgery in Children

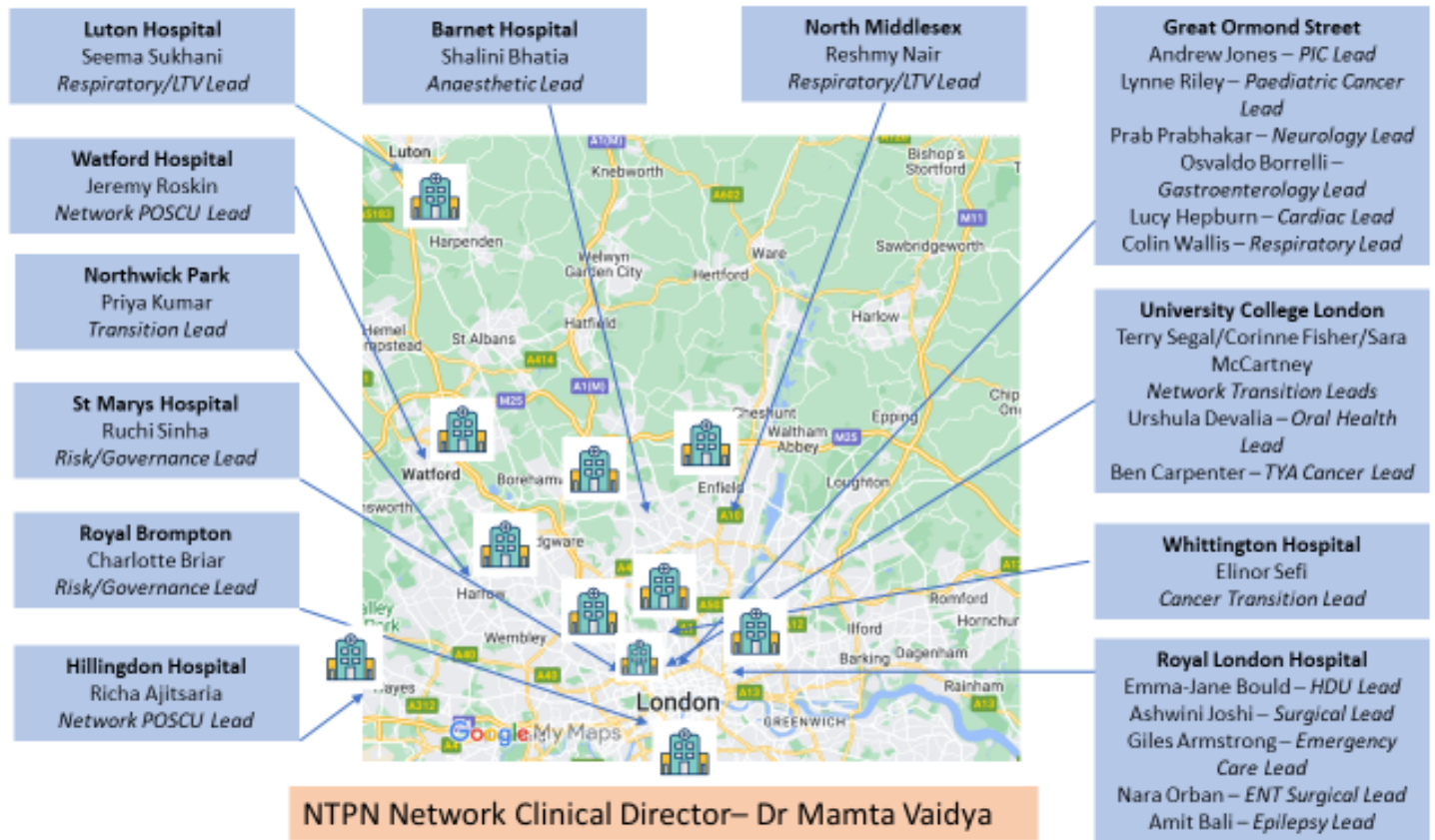


**North Thames
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CLINICAL EXPERTISE

NTPN – A Network of True Clinical Collaboration

Network Chair
Matthew Shaw
Chief Executive GOSH



The North Thames Paediatric Network prides itself on being fully representative of its Network member hospitals. There is clinical representation from most trusts and definitely from each Integrated Care System. Having clinical expertise and leadership from both tertiary and secondary care allows for shared experiences and challenges from both sides of the acute pathway.

2022/23 saw the departure of the Network Joint Clinical Director, Dr Hermione Lyall. Hermione has balanced her role as Joint Clinical Director (alongside Dr Mamta Vaidya) since 2019, alongside her post as Consultant Paediatric Infectious Diseases Consultant at St Marys Hospital, Imperial College. Hermione was pivotal to the development of advice and guidance for treatment of Paediatric Inflammatory Multisystem Syndrome and has designed the Network's Infection Control Guidance and Cohorting/Transfer Policy. We thank Hermione and wish her well with her future ventures!

Look to the Future - 2023/24

2023/24 will see the Networks over-arching Clinical Director positions go out for Expressions of Interest. This will be an exciting next chapter in the evolution of the Network together with emerging Integrated Care Systems.

NETWORK HOSPITALS



The Network works with acute paediatric service providers across North West, North Central and North East London as well as bordering hospitals in East of England that have pathway flows into North Thames.

Throughout 2022-23 the Network has continued to strengthen its relationship with monthly MS Teams calls with network hospitals, site visits and delivery of education onsite at local hospitals. We hosted a face to face stakeholder review meeting in March 2023. We have also continued to work with our regional partners in NHS London and East of England as well as National partners e.g. GIRFT and national operational delivery network teams and CRGs.



The Network continues to be hosted by Great Ormond Street Hospital for Children and has an office working space located onsite.

CYP POPULATION MAP

mid-2020 estimates
CYP (<18 years)



23%

of London's total
population are
children/young people

22.71

London's average
deprivation score

North West London

Total CYP (<18) Population: 473,289 (23%)
Total Adult (18+) Population: 1,630,430
Deprivation (IMD) Average Score: 21.17

North Central London

Total CYP (<18) Population: 332,659 (16%)
Total Adult (18+) Population: 1,178,147
Deprivation (IMD) Average Score: 23.33

North East London

Total CYP (<18) Population: 488,757 (24%)
Total Adult (18+) Population: 1,534,626
Deprivation (IMD) Average Score: 26.33

Most Deprived ICB in London



PAEDIATRIC CRITICAL CARE

OPERATIONAL DELIVERY NETWORK



Dr Emma-Jane Bould

Level 2/HDU Lead
Consultant Paediatric
Intensivist
Royal London Hospital



Dr Andrew Jones

PICU Lead
Consultant Paediatric Intensivist
Great Ormond Street Hospital for
Children/Children's Acute
Transport Team (CATS)

Key Achievements 2022/23

Streamlined Retrieval Pathways

Successful pilot of reviewed acute transport pathways in North Thames. Addresses unwanted variation and prioritises 'care closer to home' principles.

Daily & monthly monitoring of retrievals.

Has also reduced carbon footprint

Investment in increased Level 2/ HDU Level Care

Secured circa £2 million of funding to invest in Level 2/HDU care.

Additional HDU beds open at Northwick Park, Queens, Royal London.

Review of Level 2 care at GOS, UCLH, North Middlesex.

Secured investment for third team at CATS

Development of Guidelines/ Resources

Review and refresh of guidelines and increased access to stakeholders e.g. STOPP transfer guidance, high flow and CPAP

Working Group established to develop a Step Down Policy.

Establish partnership with adult critical care to develop guidance around 16-17 year old patients

Support with Management Step A

Monitor admissions in PICU utilising Meditrack dashboard.

Partner with Emergency Medicine colleagues to develop advice and guidance for staff and patients/family.

Liaise with ICS partners and infection control to communicate advice and guidance for community/GP

Enhanced Education Framework

Review of workforce gap and training/education requirements. This has included supporting units with level 2/HDU investment with HDU training to upskill workforce.

Increased use of virtual education (e.g. webinars and use of website)

Development of education faculty.

Future Plans 2023/24

- Review of Heated Humidified High Flow Therapy guideline and competency
- Review of NTPN PCC Competencies
- Review of IPC Transfer Guideline
- Presentation of 16-17 year old referral SOP to London Clinical Excellence Group
- Circulation of 'simple' PICU Step Down Policy and continued work to develop 'complex' PICU Step Down Policy.
- Continued review and support of centres that have received investment for Level 2 care. Support Great Ormond Street, UCLH and North Middlesex with HDU/Level 2 capacity review.
- Review of new retrieval pathway.
- Develop NTPN priorities of inclusion health and health inequalities. and map against PICU admission.
- Development of refreshed PPI Engagement Strategy



SURGERY IN CHILDREN

OPERATIONAL DELIVERY NETWORK



Ms Ashwini Joshi
SIC Lead
Consultant Paediatric Surgeon
Royal London Hospital



Dr Shalini Bhatia
Anaesthetic Lead
Consultant Paediatric Anaesthetist
Barnet Hospital



Ms Nara Orban
ENT Lead
Consultant Paediatric ENT Surgeon
Royal London Hospital

Key Achievements 2022/23

Post-Covid Support Elective Recovery

Continued to review PTLs and ensured equity of access, cross sector mutual aid. Recovery of waiting lists. Identified areas for focus e.g. ENT, dental and spinal.

Developed improvement projects aligned with GIRFT principles.

Successful GIRFT review - described as exemplary and commended on data collation and modelling.

Anaesthetic Projects

Project Upskill
Pilot project working with Health Education England across three ICS footprints rotating anaesthetic trainees in paediatric emergency departments.

Part of a project to address gaps in workforce and skills and to help upskill anaesthetic staff in DGHs on paediatrics.

Paediatric Spinal

Facilitation of mutual aid between RNOH, Evelina and Royal London hospitals to address backlogs in paediatric spinal patients.

Included pooling of referrals and prioritising of patients and developing a model whereby surgeon can follow patient.

Acute Scrotal (Torsion) Pathways

Undertaking a review and audit of acute scrotal pathways in North Thames. Creation of a guideline for treatment of Acute scrotal Patients.

Working with outliers and particular NCL ICS to create a temporary diversion of pathways and a timeline to develop and implement a pathway as part of the NCL Start Well Programme.

Button Battery Guideline

In response to a patient safety incident within the Network, the Network has worked with the London Ambulance Service, ENT UK and British Association of Paediatric Surgeons (BAPS) to develop a guideline.

This has been part of a general review of pathways for airways procedures.

Future Plans 2023/24

- Work to develop a standardised difficult airway trolley
- Continued collaboration with spinal centres across the Network to address the pathway challenges and continued surgical backlog
- Work to develop the GIRFT Abdo Pain Pathway.
- Evaluation of Project Tooth Fairy, dental recovery project.
- Visits to all surgical units and supporting with their self assessment.
- Hosting the 2023 National Surgery in Children conference.
- Creation of Inter-Hospital Referral and Transfer Principles

Education Strategy

- Paediatric Recovery Skills Study Day. This study day in collaboration with Great Ormond Street Hospital has had great feedback and is in demand.
- Neonatal Surgery Study Day - delivered in collaboration with three other networks. Second planned in 2024.
- Surgery Study Day Course - two day course planned for 2023 with a look to expand to a four day course in 2024.

Catheter Removal in the Community Project

Pilot initiated launched by the Network in North East London ICS. Patients who have had surgery to have their catheter post surgery removed in community rather than coming to the tertiary hospital (Royal London). Network Lead Nurse for Surgery delivering training to community nurses.



North Thames Epilepsy Network



Dr Amit Bali

Epilepsy Clinical Lead
Consultant Paediatrician
Royal London Hospital



Denise Edwards

Epilepsy Nurse Lead
Clinical Lead Nurse
North East London
Foundation Trust

Key Achievements 2022/23

Appointment of Clinical Lead and Lead Nurse

Recruitment and appointment to
Network posts. Development of
workplan

Delivery monthly stakeholder meeting

Expansion of previous existing
monthly stakeholder meeting to
include wider group of stakeholders
and increased engagement.

Future Plans 2023/24

Integrated CYP and Mental Health Pilot

Adopting a very similar model to NHS Lothian. Using electronic SDQs to assess patients. Plan to roll out to Royal London as phase 1 of the pilot and then roll out the model to Northwick Park as phase 2. Band 8b psychologist and band 5 children's wellbeing practitioner.

Epilepsy Nurse Specialist Pilot Posts

3 x 0.5 WTE Band 7s to be appointed. Each Band 7 nurse will represent one of the 3 ICBs (NEL, NWL, NCL) Each nurse will specialise in a different priority area (transition, learning disability and autism and medical complexity) to ensure we focus on patients with the highest level of need. Further development of the model will be informed by discussions with the ICBs and other stakeholders

PAEDIATRIC NEUROLOGY NETWORK



Dr Prab Prabhakar

Neurology Clinical Lead
Consultant Paediatric Neurologist
Great Ormond Street Hospital for Children

Key Achievements 2022/23

Neuro Compression (SI) Pathway

System wide alignment and improvement
of spinal injury pathway.

Development Delay Guideline Implementation

Review of implementation. Reduce unwanted
variation.

Stroke Pathway

Established joined up stroke pathway for
paediatrics and adolescents.

Future Plans 2023/24

24/7 Hotline

Development of NTPN Connect- an NTPN system wide
24/7 hotline for neurology referrals.

Stroke Pathway

Move to second phase of monitoring and improving
parts of pathway e.g. Intravascular Radiology.





North Thames Paediatric Cancer Network



Dr Lynne Riley
Clinical Director
Consultant
Paediatrician
Haem/Oncology
Great Ormond Street
Hospital for Children



Dr Jeremy Roskin
Clinical Lead
POSCU
Consultant
Paediatrician
Watford Hospital



Dr Richa Ajitsaria
Clinical Lead
POSCU
Consultant
Paediatrician
Hillingdon Hospital

Key Achievements 2022/23

Appointment of Posts

Network Manager, DGH Leads and Nurse Leadership

Organisation of POSCU Review

Commenced a baseline review of POSCUs included a survey.

Review of education and services

Audit of services and best practice. Identify gaps.

Future Plans 2023/24

Review of POSCUs

Diary carding exercise and full analysis of services. Establishing of working groups focused on workforce (including AHPs) and SACT/Pharmacy. Appointment of a Pharmacy Lead.

Creation and Launch of PPI Survey

Comprehensive survey to receive feedback on services from Patients, Parents/Family/Carers

PTC Designation

Support review into designation of PTC Pan London. Identify gaps.

Development of Medical Education Framework

Creation of an M&M meeting to discuss medical cases. Creation of new standardised guidelines and medical study days.

Nursing Team



Emily Baker
Joint Nurse Lead PTC
Senior Clinical
Research Nurse



Rochelle Lowe
Joint Nurse Lead PTC
Advanced Nurse
Practitioner



Lucy Simons
Nurse Lead POSCU
Nurse Specialist

Key Achievements 2022/23

Appointment of Posts

Lead nurses for PTC and POSCU appointed.

PTC at GOS continued support to POSCU Nursing via MDT and advice and guidance as well as existing education programmes

Future Plans 2023/24

Development of Education Strategy

Development of education programme to compliment that of the PTC. First cytarabine training session already sold out.

Summary Release of Network Nursing/AHP Workforce Review

The sub-group aim to help define 'what good looks like' for POSCU care in order to

- inform how the wording of the National Service Specifications could be strengthened to ensure that the nursing workforce at each POSCU is robust, resilient and reproducible across the network
- ensure equitable access to an excellent standard of nursing care, closer to home for children with cancer.
- recommendations aim to be specific – e.g size of the nursing workforce and time allocated to lead and deputy nurses, similar to guidance for other subspecialties such as Cystic Fibrosis and Sickle cell standards.





North Thames Teenage and Young Adult Cancer Network



Dr Ben Carpenter Clinical Director

Consultant
Haem/Oncology
University College
London Hospitals



Dr Elinor Sefi Clinical Lead - Transition

Consultant
Paediatrician
Whittington Hospital



Lisa-Marie McMonagle Lead Nurse

Nurse Consultant
University College
London Hospitals

Key Achievements 2022/23

Appointment of Posts

Network Manager, Nursing
Leadership &
Transition Lead

Development of Workplan

Development of workplan whilst
awaiting release
of National TYA Cancer
Specifications

Review of education and services

Audit of services and best practice.
Identify gaps.

Future Plans 2023/24

- Appointment of Youth Support Co-ordinator Post
- Appointment of Lead Genomics/Research Nurse
- Establish Psychology representative

Network Pathway Mapping and Designated Hospital Review

Following release of the TYA Cancer Specifications, collaboration with the PTC at UCLH and with NHSE partners to define a strategy for review and designation of district general hospitals

Development of a Network Education Strategy

Improve upon existing education sessions for medics to develop education for nurses, AHPs etc. Filming of Network education videos.

Non-specific symptoms clinic

Pilot study for 12 months at North Middlesex (which currently only accepts adults from 18 years upwards). The aim is to provide a pathway for 16-17-year-old patients, who present to primary care with non-specific symptoms.

PAEDIATRIC GASTROENTEROLOGY NETWORK



Dr Osvaldo Borelli Clinical Director

Consultant Paediatric Gastroenterologist
Great Ormond Street Hospital for Children

Key Achievements 2022/23

Review of Pathway Changes in NCL

Support of Gastro pathway changes
between Royal Free and GOSH

Review of Pathway Changes in NEL

Existing pathways in NEL and suggest areas
for improvement.

Review of Pathway Changes in NWL

Work with ICS Partners to review recommended
changes within NWL.



Future Plans 2023/24

Stakeholder Review and Planning Meeting

Bringing together of stakeholders to increase engagement
and planning of future services.

Develop a formal Gastroenterology Network and Steering Group

Strategic group to help develop workplans, key performance
indicators and develop shared learning e.g. via website

Support with transition of pathway from Royal Free to GOSH

Supporting Network partners with
pathway changes.





LONG TERM VENTILATION



Dr Colin Wallis
Clinical Director
Consultant
Respiratory Paediatrics
Great Ormond Street
Hospital for Children



Dr Seema Sukhani
Clinical Lead DGH
Consultant
Paediatrician
Luton & Dunstable
Hospital



Dr Reshmy Nair
Clinical Lead DGH
Consultant
Paediatrician
North Middlesex
Hospital

Key Achievements 2022/23

Reconfiguration of Central Team

Successful funding awarded to launch a Pan Thames LTV Programme Team to work across North and South Thames Paediatric Networks.

This team will bring together the two network LTV workstreams, the Central LTV Team that existed at the Royal Brompton and will evolve to have ICS link roles to allow for further local and community links.

Launch of Collaborative Discharge Pack

Guidance and resources for both professional and families consisting of: 10 Principles for Complex Discharge, Discharge Guidance and Toolkit, Useful existing references and resources.

Hosted on the Well Child website and endorsed by the Royal College of Nursing.

Development of Ethical Framework

Guidance for professionals to facilitate open discussion with families regarding need, process and short & long term implications of caring for child on LTV. Pack created including pathway map, principles, video, consent form and info booklet.

Presented at the Royal College of Paediatrics and Child Health National Congress 2022.

Roll out of Hospital Admission Protocol

Enables professional carers to continue to deliver agreed care package when child is admitted to hospital for non LTV related treatment.

Working with North Central London ICS and North West London ICS to pilot. Successful implementation across Luton and Bedfordshire Hospital Trust.

Future Plans 2023/24

Development of Pan Thams LTV Programme Team

Programme Manager has been appointed and will start in Jan 2024.

Currently out to recruitment for Band 8A ICS Implementation Posts.

Roll out of LTV Education Implementation

Development of comprehensive education strategy and delivery programme improving competencies of MDT health professionals to care for LTV patients across different health settings. Already successfully rolled out to a number of Trusts in the Network. LTV Hub QR Code Poster created and NHS Futures page.

Standardisation of Equipment

Development of an operational model for centralised procurement and provision of LTV related equipment to reduce variation and costs, and improve patient experience. Led by Great Ormond Street and Royal London hospitals.

Creation of LTV Patient Tracker

Creation of an LTV patient tracker to monitor demand and activity for patients both operationally and strategically to ensure adequate provision of care and plan for capacity and future increases in demand to this patient cohort.



WINTER & SURGE PLANNING

London Critical Care Winter Planning for 23/24: Overview and next steps for Paediatric Critical Care Networks

**NHS
England
London**

- The surge plan will outline current provision, surge potential, rate limiting factors & potential risks, local surge strategy planning to consider / include (NTPN Recommendations), explore recommendations for potential ICS level support, explore recommendations for potential NHSE level support and outline NTPN Level support.
- PICU is a regional resource and as such is split from General Paediatrics which should, where possible, be managed locally within ICS sector footprints. There is a focus this year on Level 2 care and ensuring additional commissioned capacity is in place to support with step down and flow.
- It will focus on areas that should be considered as priority areas for building and ensuring the most robust resilience strategies are in place across the system. These would, if implemented, preserve standard clinical pathways, and support seamless and safe service delivery across the region during peak periods.
- Identify the need for additional resources and funding to support this surge plan and the routes to funding requests via NHSE/ICS partners to enable this.
- The surge plans will describe the arrangements for supra regional planning and mutual aid.

Priorities

- Capacity – PICU/Ward Beds/Level 2
- Equipment and Consumables
- Workforce/Staffing/Training
- Transport
- Infection Control
- CAMHS
- Continuation of Elective Surgery
- Adult Surge Plans
- Environment
- Governance
- Mutual Aid

Partnership Working

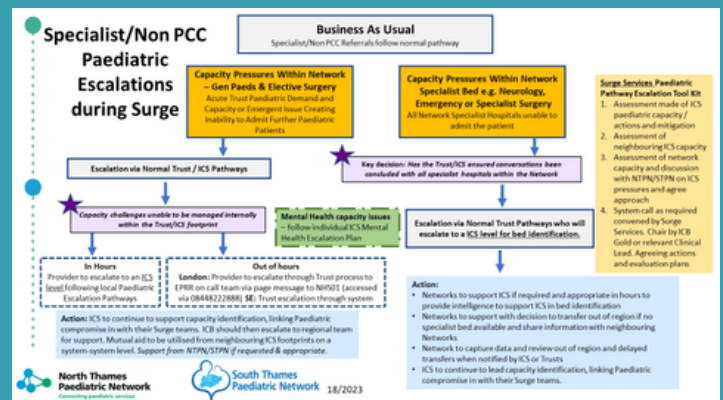
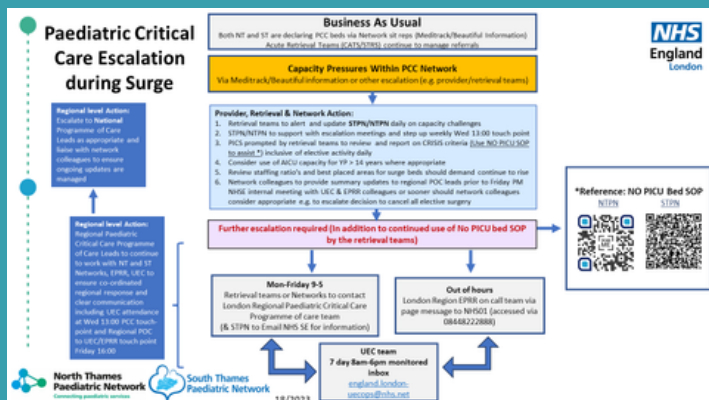
- Acute Trusts/DGHs
- Tertiary/PICU Centres
- ICS Partners
- NHSE
- CAMHS
- Transport (CATS/LAS)
- London Adult Critical Care Network
- Neonatal Network
- Cardiac Networks
- London Region Communications Team (incl. 111)
- RCPCH

Risks/Caveats

- The size of the demand/surge
- Capacity for paediatric patients across ICS regional footprints, London and England
- Workforce availability (Skilled workforce/staff sickness/staff burnout)
- The timing of the surge in relationship to other illnesses or specialty demand (e.g. CAMHS) that may peak in the UK over Winter.
- Cross-sector mutual aid
- Availability of necessary equipment/consumables

**North Thames
Paediatric Network**
Connecting paediatric services

The Network plays a pivotal role in supporting NHSE London Region and ICS partners with development of winter and/or surge plans for paediatric critical care and specialty paediatric beds. In 2022/23 the Network worked together with the ICS to develop these plans and to interlink the local surge plans utilised for general paediatric beds by service providers and ICS sectors.





WINTER & SURGE PLANNING

In addition to the overall surge plan, the Network produces updated advice and guidance for the treatment of patients with winter viruses (e.g. RSV/bronchiolitis) and long term ventilation patients. If there is a particular predicted area of infection concern (e.g. Strep A, Measles) then the Network will also work with clinical experts in the system and infection control teams to provide rapid guidance for sharing across the Network area.

The image displays three informational posters from the North Thames Paediatric Network. The first poster, 'LTV HUB', provides resources for Long Term Ventilation (LTV) patients, including medical equipment user guides, circuit set-up, and education resources. The second poster, 'Winter Surge Hub', offers guidance for winter viruses, including education, resources, and guidelines. The third poster, 'Measles Toolkit', provides information for health professionals and parents/careers regarding measles, including national guidelines, UKHSA briefing notes, and NHS leaflets.

NTPN Education and Resources (3/4)

The poster for the NTPN Clinical Forum and Education Event 2023 features a colorful illustration of a child and various medical icons. It promotes free NTPN Monthly Education sessions and provides a link to the eventbrite page for the webinar series.

Children and Young People Mental Health – resources, guidelines, forums and education

Frameworks and Standards

CYP Mental Health Resources

https://docs.google.com/document/d/1Ztp2xvLA9W_Y8ANONeiQotNmK3ZK-W8/edit?usp=sharing&oid=109468467138659762106&rtpof=true&sd=true


Long Term Ventilation in Children and Young People Clinical Guideline

Long Term Ventilation guidance, resources and education


The Network also works to host additional education sessions ahead of Winter and ensure shared learning of resources e.g. in Children's Acute Mental Health (CAMHS)




In addition to the overall surge plan, the Network produces updated advice and guidance for the treatment of patients with winter viruses (e.g. RSV/bronchiolitis) and long term ventilation patients. If there is a particular predicted area of infection concern (e.g. Strep A, Measles) then the Network will also work with clinical experts in the system and infection control teams to provide rapid guidance for sharing across the Network area.



North Thames Paediatric Network
Connecting paediatric services



South Thames Paediatric Network
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North Thames Paediatric Network
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LTV HUB

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Access more Resources, Videos, E-learning and Compliance Documents at: [LTV Hub](https://ltnhubs.com)
Access Compliance Documents and Tools (including LTV Hub) at: <https://ltnhubs.com/compliance-documents>
Access LTV Hub at: <https://ltnhubs.com/ltnhubs>



[LTV Overview](#)


Winter Surge Hub


V3 October 2023—Information was correct at time of printing. For review: September 2024


Measles Toolkit


Acute setting—For use by health professionals to support sharing of information
V1 September 2023—Information was correct at time of printing. For review: September 2024


MEDICAL EQUIPMENT USER GUIDES AND TROUBLESHOOTING


Astral 100



Trillix 100



Trillix 500



Nasy Junior 5



Nasy 4

CIRCUIT SET UP



AirSense 10



Stellar 100 & 150



NV



Teache LTV


EDUCATION RESOURCES - VIDEOS


Preoperative Assessment


Mask fitting for NV



Provider's roles & NV



NV Equipment troubleshooting



Suctioning a tracheostomy


Further information:
[North Thames Paediatric Network: england.nthnhs.net](https://england.nthnhs.net)
[South Thames Paediatric Network: souththames.nthnhs.net](https://souththames.nthnhs.net)


EDUCATION


Don't these forget



Don't forget the babies



PCPP Modules



Edh Mental Health



MTPN Education


RESOURCES


GATS



LTV Hub



LTV Guideline



STOPP tool



Wellbeing


GUIDELINES


GPAT Guideline



IPC Guideline



RCPA Viral Test



LBBCT



PSLB Line Open policy


Information for Health Professionals


National Guidelines



Post Exposure Prophylaxis



Oral Fluid Test



Green Book


HPT


Information for Health Professionals


NICE Guideline



UKHSA Briefing Note Mar 2023



UKHSA Measles Fact Sheet


Information for YP



Think Measles


Information for Parents/Carers


NHS Poster


NHS Leaflet: Adults


Healthier Together


NHS Page


UKHSA Posters

For further information please contact: North Thames Paediatric Network: england.nthnhs.net

NTPN Education and Resources (3/4)



**NTPN Clinical Forum
and
Education Event
2023**

Free NTPN Monthly Education sessions
<https://www.eventbrite.co.uk/e/north-thames-paediatric-network-clinical-forum-education-webinar-series-tickets-135519748215>

**North Thames
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Connecting paediatric services

Children and Young People Mental Health – resources, guidelines, forums and education

Frameworks and Standards

CYP Mental Health Resources
https://docs.google.com/document/d/1ZtpzxyLA9W_Y8ANONeiQotNmk3ZK-WB/edit?usp=sharing&oid=109468467138659762106&rtopf=true&sd=true

Long Term Ventilation
in
Children and Young People
Clinical Guideline

Health Policy and Research North Thames Paediatric Network North Thames Paediatric Network South Thames Paediatric Network

Long Term Ventilation guidance, resources and education

The Network also works to host additional education sessions ahead of Winter and ensure shared learning of resources e.g. in Children's Acute Mental Health (CAMHS)





WINTER & SURGE PLANNING

For Winter 23-24 the future plan of the Network is to expand upon the existing Paediatric Operational Escalation Levels (POPEL) and align them to local hospital provider and ICS escalation and POPEL plans and also to integrate POPEL levels within the Network MediTrack Sit Rep System that informs bed capacity and surge.

OPEL score	Description	Footprint
POPEL 1	Normal - Capacity within individual providers and therefore across the region is meeting demand	Local level
POPEL 2	Low surge - Restricted capacity within one or more providers with mitigations in place mostly meeting demand across the region	Local and regional ICS level NTPN
POPEL 3	Capacity significantly restricted within multiple providers leading to delays in treatment likely across the region	Local and regional ICS level NTPN
POPEL 4	Regional and supra regional capacity severely restricted with delays to treatment highly likely across the region and wider	Local, regional, NTPN and supra regional level leading to National Incident Coordination if required

	Risks	Recommendations
Infection Control and Immunisations	<ul style="list-style-type: none">• Rapid point of care testing for RSV, Influenza and COVID testing results needed to enable safe cohorting of patients.• Limited access to cubicles for isolation of patient• Unwarranted variation in applying NTPN IPC guidelines for acceptance of repatriations.• RCPCH guidance does not provide advice on the management of pyrexia.• Staff sickness and unvaccinated staff (Winter Flu/Covid).	<p>Local Trusts/Organisation/ICS Level</p> <ul style="list-style-type: none">• Facilitate flu, covid and MMR vaccination ASAP for all staff• Facilitate the early start for the Palivizumab vaccination for vulnerable infants / children – Oct 2023 <p>NTPN</p> <ul style="list-style-type: none">• Re-circulation of NTPN/STPN IPC guidelines• Re-circulation of RCPCH and PHE guidance <p>2023 NHSE/NTPN/STPN IPC Guidance – letter format</p> <p>2023 NHSE/NTPN/STPN IPC Guidance – poster format</p> <p>RCPCH: National guidance for the management of children in hospital with viral respiratory tract infections (2023) RCPCH (last modified 24 October 2023)</p>

The Network has also worked closely with infection control partners and the London Region Infection Control Team to develop guidance on the transfer and step down/cohorting of patients in addition to advice on testing and immunisation.



CARDIAC/CHD

OPERATIONAL DELIVERY NETWORK



Dr Lucy Hepburn
Clinical Director

Consultant Paediatric
Cardiac Anaesthetist
Great Ormond Street Hospital



Adrienne Cottam
Lead Nurse CHD



Dr Wilf Kelsall
Chair
Consultant Neonatologist
and Level 3 CHD Lead



Fiona Walker
Adult CHD Lead
Consultant Cardiologist
Barts Health

Key Achievements 2022/23

Please note that this is a highlight of achievements. The One Heart CHD Network produces its own separate annual report.

Development of a national programme of online learning - lead on the development of national collaboration on e-learning for health.

Development and pilot of 'NEC' Nurse with Expertise in Cardiology programme across District General Hospitals

Review of capacity and support with mutual aid plans in relation to post Covid backlog of patients awaiting cardiac surgery.

Appointment of a Network physiologist to develop a Network wide ECHO training programme.

Pilot of a Transition Co-ordinator post between paediatric site at GOS and adult site at St Barts Hospital



EMERGENCY PATHWAYS



Dr Giles Armstrong
Clinical Lead

Consultant Paediatric Emergency Consultant
Royal London Hospital

Pan London Moderate Asthma Pathway

Developed by the LEMCYP group with assistance from general paediatric & respiratory paediatric colleagues and signed off in London region and the London Asthma group (LALIG).

Future Plans 2023/24

The Network has plans to resource and support some emergency pathway projects through 2023-24. This will be in conjunction with ICBs.

- Support ICBs with reviews of paediatric emergency departments.
- Standardised guidelines and information posters throughout paediatric emergency departments.
- Representation in regional and national pathway reviews e.g. acute abdomen and torsion pathway
- Representation and collaboration with London Emergency Medicine Special Interest Paediatrics Group
- Informing the Networks development together with One London and NHS Digital of Universal Care Plan section for CYP.



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EDUCATION & SHARED LEARNING

The NTPN recognises how pivotal education is to all our stakeholders:

- To improve patient safety
- To ensure patient pathways work effectively
- To empower staff to feel confident and competent in their role
- To create an environment where staff are prepared to update and develop their practice in response to the ever-changing needs and treatments of patients.
- To develop leadership capability and capacity to retain the best healthcare talent.
- To improve staff recruitment and retention.

We want to ensure that all staff have equal access and education experiences so that they feel confident to provide the best patient care.

We understand that it is not always straightforward to continue the delivery of education during busy periods

We are passionate about creating opportunities to ensure that all staff are fully equipped to deliver high quality care.

Our mission is to reach as many colleagues as possible by providing easily accessible, most up to date education, delivered by subject matter experts.

NTPN EDUCATION

NTPN MDT Education Forum

Monthly sessions, 9-12pm

Topics based on feedback from NTPN stakeholders

Topics based on NTPN workstreams/divisions – Cancer, Neuro, LTV, Surgery

Delivered online

Attended on average by 150-200 health professionals

Recordings currently sent – will be on the website

NTPN Level 1 & 2 Course

LSBU accredited course

Aimed at senior nurses from DGHs

Run twice a year

Cohort 12 starting in October 2023 (30 students)

Support in delivery of critical care modules

Level 2 study days

Bespoke Level 2 face to face study days

3 new level 2 centres

Support level 2 education

PCCP Modules / HLP

E-learning modules

Invite members with experience in writing modules

Review current modules content

Create new modules based on SI themes

Will be based on the NTPN website



EDUCATION & SHARED LEARNING

Feedback

"I thoroughly enjoyed the course and will be recommending it to colleagues - highly recommended!"

"The course was amazing. Learned a lot of new things which are clinically as well as theoretically useful in my career"

"Amazing, has really enhanced my knowledge and skills"

"Learned a lot from this course and will be able to bring information learned back to practice – thank you!"

Principles of Nursing Practice for Acutely Ill Children Course (BARTS/LSBU/NTPN Partnership)

This module is aimed at nursing staff working in Level 1 & 2 PCCU ward settings, ambulatory care and A&E within the North Thames Paediatric Network

Where:

2 face to face days and 5 virtual MS teams days

Content:

Assessment of the critically unwell child, Airway management and intubation, Respiratory Deterioration including the child on High flow and CPAP, Management of Chest Drains, Blood gas analysis, Tracheostomy care & Long Term Ventilation skills, Congenital Heart Disease, Cardiac emergencies, Caring for the child in shock, DKA management, Burns and Trauma care, Care of the surgical child, Human factors, Mental health in CYP and transfer of the critically unwell child. Including face to face skills day and simulation.

Assessment:
Competencies
Reflective essay

Accredited:
Level 6 or 7 for 20 credits

To reserve spaces and for further information please email:
Module Lead: Amy Hunter - Amy.hunter1@nhs.net

Cost:
£310

Cohort 12 Dates

- 9th and 10th October, 2023
- 7th and 8th November, 2023
- 5th and 6th December, 2023
- 11th January, 2024

Cohort 13 Dates

- 5th and 6th February, 2024
- 5th and 6th March, 2024
- 9th and 10th April, 2024
- 2nd May, 2024



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**London
South Bank
University**



NTPN EDUCATION FEEDBACK

"An excellent meeting overall. Thanks to the excellent speakers" - Consultant Paediatrician.

"Great session went very quickly and was smooth running" - Paediatric Research Nurse.

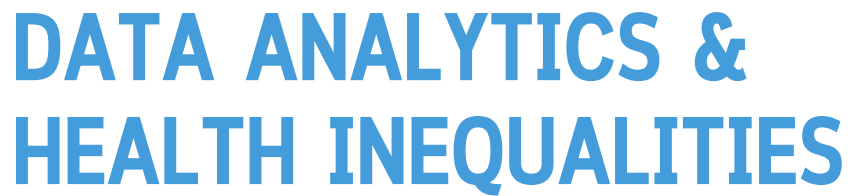
"Thank you very much for your efforts on trying to educate us in these challenging times" – Consultant Paediatrician.

"It's all very well arranged and minimum technology issues. Thanks to all organisers" – Paediatric Registrar

"Really useful sessions thank-you and so helpful to have the recordings for those unable to make the sessions as tricky for nursing staff to attend" – Senior Nurse

"NTPN has done an excellent job in organising this as a source of learning and networking – thank you" – Senior Specialist Doctor





The screenshot displays the NTHU Dashboard's SIC Activity section. On the left, a sidebar contains filters for Institution (NTHU), Content, and SC Activity. The main dashboard area is titled 'SIC Activity DRAFT'. It features a line chart showing 'Sum of Activity/Count by DateOfAct and ProviderName' from 2018 to 2022. The chart includes a dashed line for 'Pre-COVID' activity and a solid line for 'Current activity' starting in 2020. To the right, a pie chart shows the 'Sum of Activity/Count by AgeGroup' with a total of 604K. The bottom of the chart displays a list of provider names and a date range filter.



DIGITAL PROJECTS AND INNOVATION

Virtual Wards

Our CHD Lead Nurse Adrienne has been co-designing the first Great Ormond Street Virtual Ward together with the DRIVE team and the CNS team. A 6 month proof of concept in progress for 'cardiac fragile infants' with brief written, procurement processes completed, baseline data determined and customisation / platform development to start in Autumn 2024. Success will pave the way for across the board service virtual ward uptake including - transplant, anticoagulation, inherited cardiac and single ventricle and shared learning for other NTPN speciality areas.



Universal Care Plan

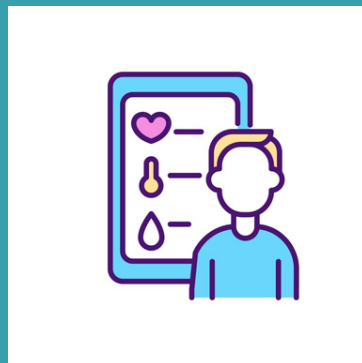
The Universal Care Plan is an NHS service that enables every Londoner to have their care and support wishes digitally shared with healthcare professionals across the capital. A care plan is created following a conversation between a healthcare professional (such as a doctor or nurse) and the person in their care. The care plan is then created following this conversation using the Universal Care Plan. As soon as information is saved on the plan, it is visible to all health and care services who use it. This includes the London Ambulance Service, 111 and Out of Hours GP services who may see the person in an emergency.

The Network has championed that children and young people with complex health needs must form part of the first part of the roll out of this digital plan. This has been acknowledged and the Network is represented as part of the London wide working group.

Digital Patient Tracker

For some patients with complex health conditions and multi system or hospital access needs (e.g. LTV, Cardiac/CHD, Oncology) there is a need to create network patients trackers to understand patient pathways. Work has been taking place to understand these could be developed.

These patient trackers would be particularly useful for when CYP patients transition to adult services.



Innovation in Healthcare

Two of the Network team, Kate and Adrienne have been part of an Innovation in Healthcare programme in partnership with Imperial College London.

The course has been a collaboration between public sector and private sector healthcare colleagues.

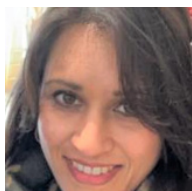
**Imperial College
London**



North Thames Transition Network



Dr Terry Segal
Consultant General
Paediatrics and
Adolescent Health UCLH
Clinical Lead Adolescent
Specialties UCLH



Dr Priya Kumar
Consultant
Paediatrician and
Paediatric Clinical
Director, Northwick
Park Hospital



**Dr Corinne
Fisher**

Consultant and
Clinical Lead
adolescent and
young adult health
UCLH



**Dr Sara
McCartney**

Consultant Adult
Gastroenterologist
UCLH

Future Plans 2023-24

During 2022-23 the North Thames Paediatric Network, invested in the development of a transition workstream. This was in response to stakeholder feedback highlighting transition as a key area of concern and need for focus and where a requirement for improvement, shared learning and standardisation was required.

To ensure all of the key partners of transition are represented, the Network has taken the unique step of appointing a paediatrician (Dr Terry Segal), adolescent specialist (Dr Corinne Fisher) and adult physician (Dr Sara McCartney) from University College London Hospital, a leader in Developmentally Appropriate Healthcare and transition. In addition, district general hospitals are represented by Northwick Park's Paediatric Clinical Director (Dr Priya Kumar) a paediatrician with a special interest in transition. As the Network moves into 2023/24 they will also receive ad-hoc project support and expertise from Nigel Mills, former London Region Transition Lead.

Network Transition Work Plan

Network survey has been circulated in NTPN to understand what transition services exist for Young People in NTPN and where the gaps are, as well as whether developmentally appropriate care is being delivered to young people.

The first step is will be to map existing Transition Services, in all specialties in all trusts. We will then develop a strategy to support services to improve care where necessary to ensure young people experience a high quality transition into adult services, across the network. Through the networks we have shared relevant policies, guidelines and examples of good practice.

'Transition services' refers to the practice of ensuring high quality care for young people as they move from children's to adult's health services. The aim is to provide an opportunity for young people to outline their needs, wants, preferences and concerns ahead of their move; and to introduce them to adult services in a staged way. The role of the paediatric team and adult teams are to work together to enable the young person to be empowered to engage with adult services, independently of their parents/carers. There are various models of best practice recommended by the Royal College of Paediatrics and Child Health (RCPCH) and minimum standards are recommended by the NICE guideline NG43 "Transition from children's to adults' services for young people using health or social care services".

This mapping will also review attainment of the 'You're welcome' Department of health quality criteria for young people friendly health services. It provides a systematic framework to help commissioners and service providers to improve the suitability, accessibility, quality and safety of health services for young people. We also use learning from Northumbria Research Programme to support delivery of 'Developmentally Appropriate Healthcare' in the NHS .

HIGHLIGHT SUCCESSES 2022-23

The Network has achieved so much throughout the year 2022-23 and this report highlights just some of those achievements. Below the network has also detailed some of the successes it is particularly proud of.



Launch of Network Risk and Issues Framework

The Network launched its Network risk and issues framework in response to stakeholder feedback that multi-trust and multi-ICS issues or risks required Network support to ensure shared learning and service improvement.



Dr Ruchi Sinha Clinical Lead

Consultant Paediatric Intensivist
St Marys Hospital
National CRG Lead, Paediatric
Critical Care



Dr Charlotte Briar Clinical Lead

Consultant Paediatric Intensivist
Royal Brompton Hospital

The Network launched 'Net Track', an addition to its sit rep system and dashboard 'Medi Track' in order to allow digital reporting of Network level risks and issues. This system does not replace provider Datix systems and concentrates instead on issues where there have been a number of providers or a child or young person has used multiple systems or pathways on their patient journey. The system has been incredibly useful and well received and has already led to review and action on a number of issues where multi stakeholders have come together to provide resolution or improvement/shared learning. A few examples include:

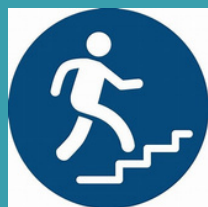
- Incidents involving displacement of Gastrojejunal (GJ) Feeding Tubes which required tertiary level escalation. Resolution - the pathway was reviewed together with the tertiary level team at Great Ormond Street and a new clinical guidance and information sheet was created and shared with Network stakeholders to avoid unnecessary transfers.
- Incident involving transfer of a patient that had swallowed a button battery. Resolution - collaboration between the Network and the London Ambulance Service as well as Network providers and Emergency Medicine, ENT and Anaesthetics to inform the writing of a new guideline for treatment and transfer which is being endorsed by ENT UK and the British Association for Paediatric Surgeons.

In addition to launching 'Net Track' the Network Risk and Governance Team led by Lead Nurse for Risk and Governance, Amy Hunter, have developed a series of Mortality and Morbidity (M&M) review meetings across the specialties of ENT, Surgery in Children and Paediatric Cancer to discuss and review clinical cases of interest or themes of interest for shared learning. These are well attended by stakeholders from all Network hospitals. In 2023-24, with the launch of the new NHS Patient Safety Agenda, the Network will look to further integrate this with ICSs to integrate shared themes.

Developing an Expert Team

The Network invests in its team members and particularly likes to focus on career development. Members of the team have been on courses from project management to healthcare leadership.

Diversity and inclusion is important and 'Seen and Heard' champions are used on interview panels and the Network team has members who sit on Great Ormond Street Hospitals diversity and inclusion forums.



New Partnerships

The Network meets regularly as part of a national group bringing together the work of Paediatric Networks and that of the Children's Hospital Alliance.

The Network is particularly interested in the work the Children's Hospital Alliance has been doing to look at prioritisation tools in elective recovery and will be piloting the CHART tool created by CHA and Edge Health in 2023-24.

SUSTAINABILITY & GREEN PROJECTS

Climate change and environmental degradation are one of the biggest threats to human health and the biggest challenge we are currently facing. The World Health Organisation estimates that over 80% of the illnesses, injuries and deaths occurring due to climate change are in children.

In October 2020, NHS England announced its intention to reach net-zero emissions by 2040, becoming the first national health service in the world to do so. In February 2021, Great Ormond Street Hospital announced its official declaration of a Climate & Health Emergency - committing them to net zero targets by 2030.

As a children and young person's health network, at the North Thames Paediatric Network we believe we have a responsibility to champion sustainable development, greener hospitals and environmental leadership. We believe we are in a position where we can initiate discussion and explore ideas among our network trusts creating a wider, stronger "North Thames Green Champions Community". It can be used as an opportunity to discuss sustainable development plans, highlight ways in which hospitals can become greener, reduce their carbon footprint and learn about new initiatives. As a Network we are championing the way to a much greener future in healthcare, as we believe it is important for the future healthcare of the children we are advocating for.

Recently our Network Nurse Director, Geraldine Munn-Mace took part in the HOPE Programme (European Hospital and Healthcare Federation Exchange Programme) which is a 4 week leadership programme to facilitate shared learning between European healthcare systems. This year the topic of the programme was centred around: 'Climate and Environment: Challenges for Hospitals and Healthcare Services'.



Geraldine spent 4 weeks in Rotterdam, The Netherlands learning and understanding how their healthcare system is moving towards net zero. The programme ended with a conference in Brussels where all participants from across Europe gathered to discuss the challenges hospitals and healthcare services pose for the climate and the environment, to understand different approaches in monitoring this impact in European countries and to exchange practical experiences on how healthcare organisations are reducing this impact.

Our Network Director Kate Plunkett-Reed and our Network Nurse Director Geraldine Munn-Mace are also taking part in a Green Competition organised by the Centre for Sustainable Healthcare. This competition pushes teams working in healthcare to think innovatively around finding solutions to reduce the carbon footprints created by hospitals. They are exploring options in sustainable alternatives to uniform laundering and bed covers!

We wish to play a part in ensuring the NHS delivers on the clear ambition and evidence-based targets set out in the 'Delivering a Net Zero Health Service' report. We are passionate about ensuring health and care transition towards net-zero to ensure a sustainable future for us all.



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SUPPORT & ENQUIRIES



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If you have any enquiries please do not hesitate to contact the Network at england.ntpn@nhs.net

You can also interact with us at the following:



www.norththamespaediatricnetwork.co.uk



[Instagram: norththamespaediatricnetwork](https://www.instagram.com/norththamespaediatricnetwork)



[X \(previously Twitter\): @NTPaedsNetwork](https://twitter.com/NTPaedsNetwork)



[North Thames Paediatric Network](https://www.linkedin.com/company/norththamespaediatricnetwork)

DEVELOPMENT & CAREER OPPORTUNITIES

The Network is invested in developing those working in Children and Young People. We often have quality improvement roles for nurses which we can offer on a fixed term basis or secondment. We also have project management positions and are able to support those on graduate programmes.

Please search North Thames Paediatric Network on NHS Jobs or feel free to email us at england.ntpn@nhs.net



Chair's Closing Words

At Great Ormond Street Hospital for Children we are very proud to host the North Thames Paediatric Network as its' vision and values align with our Hospital Trust principles of centring care around the child and young person. The Network has been recognised regionally and nationally as exemplar.

Children or Young People should expect to have equitable access to high-quality care in the place most suitable to their needs, at the appropriate time.

As providers and stakeholders of child health services, we must continue to ensure that services are improved, standardised and address the many health inequalities. I look forward to seeing how the Network continues to work to prioritise children. Children are one third of our population and all of our future.

Matthew Shaw

North Thames Paediatric Network Chair

Chief Executive, Great Ormond Street Hospital for Children