

East of England

Paediatric Critical Care ODN

2023 Annual Report



East of England Paediatric Critical Care

Operational Delivery Network

Collaborative working to deliver high quality care to our children and their families



East of England Paediatric Critical Care Operational Delivery Network

Director-*Elizabeth Langham*

PCC Deputy Director/Senior Lead Nurse-*Alison Clark*

PCC &SiC Lead Nurse for Education-*Francesca Wright*

Practice Development Nurse-*Naomi Rowell*

Project Manager- *Eniko Erdodi*

ODN Office Manager-*Kelly Hart*

Contents

Liz Langham	4
Alison Clark	5
Francesca Wright & Naomi Rowell	7
Our Units	13
Bedford	14
Luton & Dunstable	16
Cambridge University Hospitals	18
ESNFT-Colchester	20
ESNFT-Ipswich	22
NWAFT	24
James Paget	26
NNUH	28
Princess Alexandra	30
Mid & South Essex	32
MSE-Basildon	33
MSE-Broomfield	34
MSE-Southend	36
Watford	37
West Suffolk	38
Queen Elizabeth	40
Lister	42
Network Data	43-52

LIZ LANGHAM

Director



The report shows another year where we have continued to mature and develop as an ODN. Our team has expanded with new members joining. We welcomed Damian as our new Lead nurse for surgery in children and his contributions have been huge. For the SIC ODN we have spent a long time planning our service reviews which commenced at the end of 2023. These reviews will support the ODN in understanding the services across the region but also allow us as a team to visit and meet the MDT teams out in the units.

We have continued to build relationships with the ICB, with the changing landscape of the NHS working as a region but also on a system level is important.

During the year we have supported the development of guidelines, bringing experts from across the region together to form best practice guidance. Our ENT and Trauma and Orthopaedic work streams have been producing fantastic work, with the PACU course being highlighted for national roll out, well done Katie.

Education has remained a focus with education for nursing and medical staff. The provision of a difficult airway course and the recovery course have shown the amount of expertise within the team but also the engagement with the network. Education is a key element for the ODN and the provision of different sessions to support education is great.

For PCC the winter was challenging but we hope the support provided was useful for the local teams. We established 4 new level 2 beds at Luton and Basildon, a huge well done to the teams, and we look forward to how this will make a difference in the East of England.

Sadly Lauren Filby stood down as our clinical lead for PCC, I would like to thank Lauren for her enthusiasm and support in setting up the PCC ODN and to let her know she will be greatly missed.

I would like to say a huge thank you to the ODN team, who support and drive development and a thank you to the local teams who continue to engage and welcome us to your services. You are a dedicated group of people who are supporting development and change and I have been proud to work with you over the last year.



I would like to thank everyone involved in the ODN work for continuing to support us.

In 2023 we continued with our virtual work which enabled many of you to join us regularly at meetings and we were delighted to finally have a face to face COG in March. It was great to hear feedback from your teams about what is going well and also to share some of the challenges you face. I am seeing some great networking and sharing of ideas through our What's App groups. Thank you to those who have contributed with presentations and joined our project groups.

We saw some changes within our team, sadly saying goodbye to Amie Cole who has done some fantastic work as part of the LTV collaborative with STPN, NTPN and Thames Valley and Wessex. Lauren Filby stepped down as our Clinical Lead and we hope that we find someone soon to support us in that role. Yusaf Mohiuddin's fixed term post as our project manager came to an end and we are reviewing how we can develop this post in the future. We welcomed Naomi Rowell to the team, our new PDN, as Francesca moved to the lead role for our growing education team. I would like to thank the core team for their hard work and support over the year.

Peer reviews

We had hoped to complete the PCC peer reviews however continue to face challenges with industrial action, freak weather and other unpredictable incidents! We hope to finish these in the early part of next year.

LTV

Our permanent post of network LTV educator is advertised and we hope this role will then continue the fantastic regional and supra regional educational work developed during Amie's time with us. We will be working closely with the CUH LTV team and the region as part of our growing LTV workstream and we hope to recruit a clinical lead to support this work. We have joined the national GIRFT pathway development working group with the aim of providing clearer guidance on the care of CYP requiring LTV/NIV.

Data

Our data coordinator, Eniko continues to work hard trying to pull together the data you are submitting. We will continue to try and get 100% of our submissions via the online portal and request that if you are still submitting paper DoS sit reps, please do get in touch so that we can set you up with a login – the process is very straight forward! I have included the data in this report – please note that this only reflects the information submitted, so the more submissions we receive, the more accurate our analysis will be.

Education

Francesca has made huge progress developing the education portfolio. The expanded team will give us much more scope to support your educational requirements.

It is fantastic to see so many nurses continuing to undertake the Level 1 HDU course.

We look forward to the start of some medical education in the next few months and we hope to recruit a clinical lead for education very soon.

We would like to thank Katie Bagstaff for joining our team to support the development of the PACU course – her experience and enthusiasm has been hugely welcome!

ALISON CLARK

Deputy Director/Senior Lead Nurse



Surgery

The surgery in children network is flourishing under the leadership of Damian and Milind. Our 3 workstreams for ENT, trauma and orthopaedics and anaesthetics have produced some great work and we continue to build strong links with the North Thames network – this is key due to our shared borders for some pathways. We will be undertaking our SiC peer reviews in the coming months.

Workforce

Developing a plan to tackle gathering workforce information remains high on our agenda however we are keen to avoid duplication with other work happening both regionally and nationally. We are liaising with Sharon Farthing to understand any output from the national work group and we hope that this will feed into our future work.

We are keen to support those units who have expressed an interest in developing their level 2 capacity.

Francesca and I are linked in with the workforce lead for the Cambridge Children's to ensure that the challenges we have picked up are shared with their team as they start to plan in more detail.

Thanks again to everyone for your support and we look forward to seeing you at our next face to face event!

Alison

Lead Nurse for Education & Practice Development Nurse



2023, a year of growth in education for the networks, we welcomed Naomi Rowell to the team in April, she joined us from her education role on PICU at Cambridge, bringing her knowledge, energy and enthusiasm. Having Naomi in the team has meant we can expand our offering both in terms of education and availability. Naomi got stuck in straight away, heading out and about to visit all of you, she has taken over the reins of the level 1 course, and having her on board has meant we have been able to say 'yes we can help with that' to more requests. We both attended a fantastic simulation debriefing course, read on to hear how we have been putting what we learnt into action!

Amie continued to develop the LTV role, with a significant contribution to the national work for educational resources and competencies, and in region, growing the offering of general LTV update days and bespoke education to facilitate step down care. We were devastated when Amie told us she wanted to head back to a clinical role, but excited for her new challenge, well done Basildon ED for a great new recruit, we would like to thank Amie for all her hard work for the network and wish her all the best in her new role.

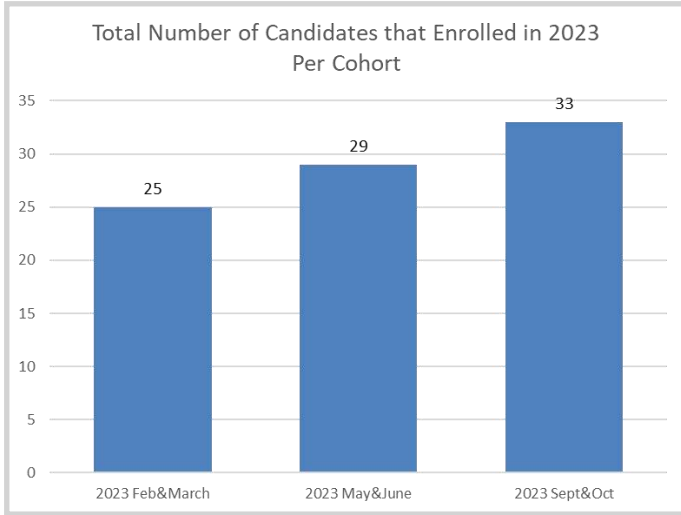
So, every year a new challenge it would seem, Covid, Resp Surge, iGAS and now we can add industrial action!! Whilst we recognise it was not half as hard for us working in the network as it was for you at the coalface, it was not entirely without its challenges. Many months of planning goes into every educational offering from the network, to have to cancel or postpone is not a decision we make lightly, however we appreciate that all efforts must focus on patient care at that point, we have done our best to navigate this but inevitably some of our programme suffered in 2023.

Below are some highlights from the education team 2023... Naomi & Francesca

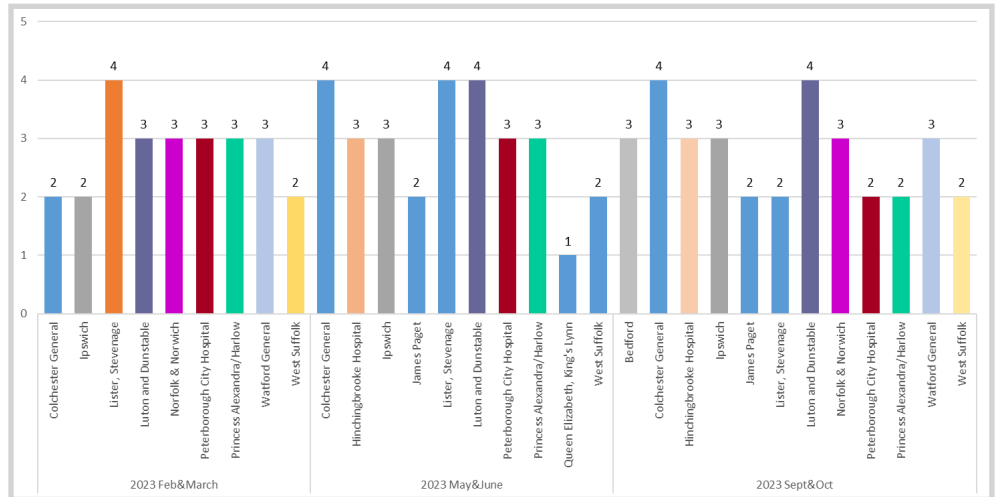
Critical Care level 1 Course

The Level 1 Paediatric Critical Care Course has had a successful year with nurses attending from across the region and successfully completing the programme – we have run three full cohorts over the course of 2023. This course could not run without the expertise of our practice educators from across the region who kindly take time out of their busy roles to teach on our online study days. This means we get a great selection of speakers with a wealth of experience from a wide variety of trusts, which really adds to the robustness of the course and it is lovely for candidates to see a familiar face on the study days. Thank you all for your commitment both for teaching on the course and for supporting staff through skill acquisition and competency sign off, helping your learners successfully complete the course, we have seen a high standard of practice throughout.

Lead Nurse for Education & Practice Development Nurse



Trust/Cohort	Count of Trust
2023 Feb&March	25
Colchester General	2
Ipswich	2
Lister, Stevenage	4
Luton and Dunstable	3
Norfolk & Norwich	3
Peterborough City Hospital	3
Princess Alexandra/Harlow	3
Watford General	3
West Suffolk	2
2023 May&June	29
Colchester General	4
Hinchingbrooke Hospital	3
Ipswich	3
James Paget	2
Lister, Stevenage	4
Luton and Dunstable	4
Peterborough City Hospital	3
Princess Alexandra/Harlow	3
Queen Elizabeth, King's Lynn	1
West Suffolk	2
2023 Sept&Oct	33
Bedford	3
Hinchingbrooke Hospital	3
Ipswich	3
James Paget	2
Lister, Stevenage	2
Luton and Dunstable	4
Norfolk & Norwich	3
Peterborough City Hospital	2
Princess Alexandra/Harlow	2
Watford General	3
West Suffolk	2
Grand Total	87

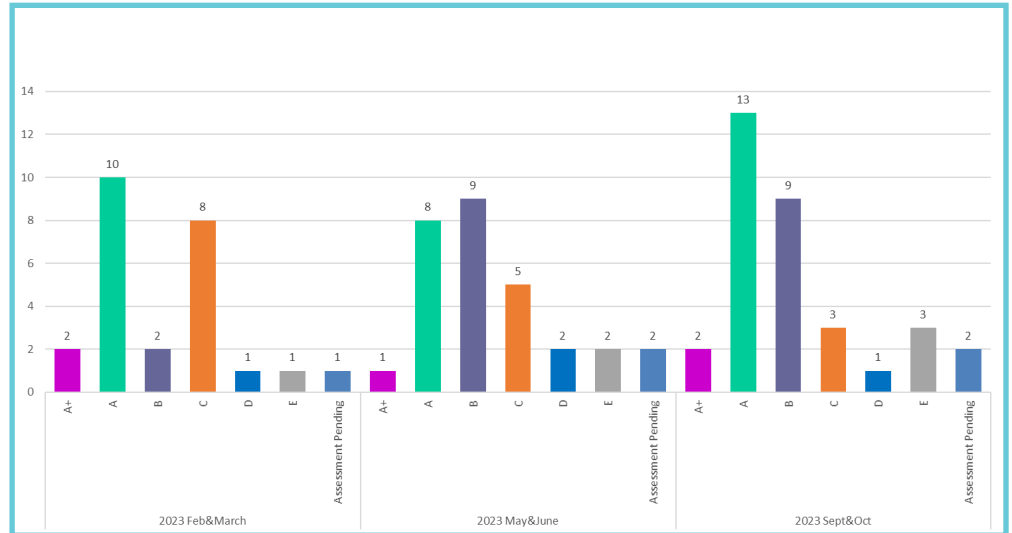


These graphs show the number of delegates we had through the course in 2023, and their respective grades.

Lead Nurse for Education & Practice Development Nurse

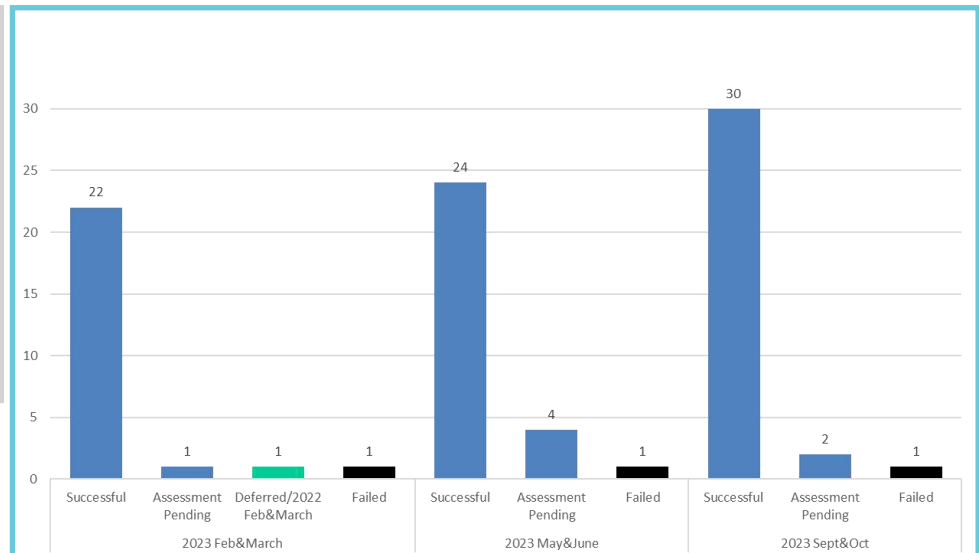


Grade	Number of Candidates
2023 Feb&March	25
A+	2
A	10
B	2
C	8
D	1
E	1
Assessment Pending	1
2023 May&June	29
A+	1
A	8
B	9
C	5
D	2
E	2
Assessment Pending	2
2023 Sept&Oct	33
A+	2
A	13
B	9
C	3
D	1
E	3
Assessment Pending	2
Grand Total	87



The grades are largely as we would expect, all candidates are presented to the Paediatric Critical Care Society Education Quality Assurance Group who meet quarterly, for approval and a certificate is then issued by PCCS.

Trust/Cohort	Attendees
2023 Feb&March	25
Successful	22
Assessment Pending	1
Deferred/2022 Feb&March	1
Failed	1
2023 May&June	29
Successful	24
Assessment Pending	4
Failed	1
2023 Sept&Oct	33
Successful	30
Assessment Pending	2
Failed	1
Grand Total	87



There are arrangements in place for candidates who, for whatever reason need to step off the programme, to re-join at a future time. Please do contact us if you would like to see the data for your own centre.

Lead Nurse for Education & Practice Development Nurse



Virtual Education

We were delighted to be able to continue with our offering of virtual study days, in conjunction with the Surgery in Children and Neonatal networks. Our day for educators working in the region covered a diverse programme, including sessions on 'The role of Nursing Associates in practice', 'Why do people resist change?' and we heard about a fantastic scheme in Liverpool to support overseas recruits' which generated lots of discussion.

Our Bereavement study day also covered a wide range of topics including memory making and staff support models. We also heard from two charities who do amazing work with bereaved families, The Skye High Foundation and Our Sam Baby Loss Charity, we are always keen to give a platform to these teams – often bereaved themselves – to highlight and promote their important work. We had a very powerful presentation from Sharon Delany who joined us from the USA to speak about her experience of being a Viloma, (a parent whose child has died). Not a dry eye in the house after she spoke so eloquently about her experiences after her daughter Macie died, and shared with us how we should talk to bereaved parents, (grateful for this being a virtual day at this moment).

Unfortunately, the cardiac day was a victim of the industrial action we experienced in the latter half of the year, and had to be postponed.

Continuing with the virtual education theme, we were able to offer another 4 on line Psychological First Aid study days across the region, delivered by the very knowledgeable Gerry Jackson. I am pleased to say these days attracted a multi-disciplinary audience, and once again evaluated exceptionally well.

Lead Nurse for Education & Practice Development Nurse



PaNDR/ ODN SIM days

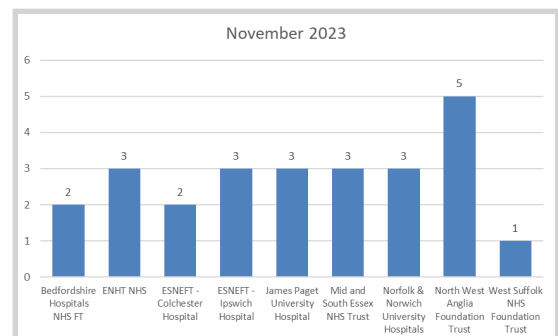
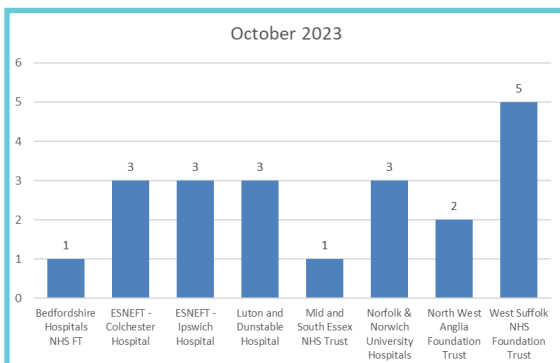
Following an increasing number of requests for learning through simulation, and with our education team now bolstered by Naomi and in collaboration with PaNDR we successfully launched our ODN/ PaNDR Simulation Study day series in the autumn of 2023. This study day ran just twice in October and November, as a pilot. This gave us the opportunity to evaluate the programme /venue/ SIMs etc, and the opportunity for senior nurses involved in the stabilisation of sick children across the region the chance to get together for some face to face simulation and skills training. We covered commonly seen scenarios such as seizure and sepsis, and each participant was able to take part in a simulation followed by debrief, learning and skills stations related to the scenario. These days evaluated exceptionally well, learning taken home from feedback given by attendees included:

- 'More understanding of the transport team and how we can use them'*
- 'I feel more confident when looking after sick children'*
- 'Learning from different Trusts helps improve practice'*
- 'All of it. This has really built our confidence. Will definitely share with our team.'*



Trust	Attendees
Bedfordshire Hospitals NHS FT	1
ESNEFT - Colchester Hospital	3
ESNEFT - Ipswich Hospital	3
Luton and Dunstable Hospital	3
Mid and South Essex NHS Trust	1
Norfolk & Norwich University Hospitals	3
North West Anglia Foundation Trust	2
West Suffolk NHS Foundation Trust	5
Grand Total	21

Trust	Attendees
Bedfordshire Hospitals NHS FT	2
ENHT NHS	3
ESNEFT - Colchester Hospital	2
ESNEFT - Ipswich Hospital	3
James Paget University Hospital	3
Mid and South Essex NHS Trust	3
Norfolk & Norwich University Hospitals	3
North West Anglia Foundation Trust	5
West Suffolk NHS Foundation Trust	1
Grand Total	25



Lead Nurse for Education & Practice Development Nurse



Following on from the success of these initial two days, we scheduled a series of 5 days in 2024. We would like to take this opportunity to thank our colleagues at 'Transfer' the adult critical care transport service who have been very accommodating in welcoming us into their space to host these study days.

Everything else

The team love working with the region to create educational resources and events to meet your individual needs, and throughout 2023 you have kept us busy with sessions on Bronchiolitis, croup, and asthma, stabilisation of unwell children, LTV, blood gas analysis, DKA ... and more! Thank you.

Request form for Education from
the PCC ODN Education Team



Coordinating all this does take some organisation, to avoid the situation of being in the wrong place at the wrong time or with the wrong presentation prepared (or worse – being nowhere when you should be somewhere!) Eniko created an MSForm for requesting education from the network. This is accessed by scanning a QR code, the responses are reviewed weekly by the team and then allocated to the most appropriate person to explore the details and finalise the arrangements. We hope that, in time, this will also facilitate analysis of the education provision.

Both Naomi and Francesca maintain their clinical knowledge and skills by working a day a month on PICU at CUH, we are grateful to the team there for accommodating this and being so welcoming.

Healthy Leadership

The networks offered 2 cohorts of the Healthy Leadership course in 2023 which attracted a multi-disciplinary audience. Both Teresa (neonatal PDN and alumni of the Healthy Leadership programme) and Naomi joined the faculty to support the delivery of the autumn cohort, which was shared by the team, all of whom enjoyed meeting the delegates and taking them through the programme. This course is an absolute delight to be involved with, the team succeed in creating a very supportive environment, where open and honest discussion is forthcoming, with the aim of inspiring the delegates to consider their own leadership style and how they could adopt some of the Healthy Leadership Principles in their daily leadership rhythm.



Francesca and Sara who originally developed the course, with material from Steve Andrews, presented the work at the RCN Education Forum in Birmingham, lots of people were interested in how the networks worked together. Subsequently the team have been approached to write up the work for publication, that article is now in press.

OUR UNITS



Bedford



Lead Clinician– Dr Nair

Lead Nurse-Karen Stow

HDU Cross-site Facilitator-Jane Jones

Background:

Bedford Hospital has a busy paediatric ward within a DGH and is part of the Bedfordshire Foundation Trust.

The paediatric ward at Bedford (Riverbank Ward) has 16 funded inpatient beds and a busy CAU - Children's assessment unit with 8 beds and 8 fit to sit chairs. CAU now also delivers a virtual ward, one of the first acute trusts to deliver this from Paediatrics.

Bedford does not currently have high dependency patient funding, the digital nurse/HDU link nurse has commenced data collection to gain evidence to achieve this.

There is currently one high dependency cubicle, however a virtual HDU ward runs across the unit.

Bedford can look after high dependency patients up to a level 1 criteria. All level 2 and 3 patients will be generally retrieved by PaNDR.

There are 45 members of substantive staff in the nursing team that cover Riverbank ward and children's assessment ward which comprise of –

- The Head Nurse – who covers both sites
- X1 Matron
- X2 Band 7 managers
- X11 Band 6 RSCNs
- X23 Band 5 RSCN's
- X1 Band 5 RN
- X2 Band 4 NA's
- X3 Band 7 CNS's (x1 of these also covers band 6 hours)
- X1 Band 6 PEF
- X1 Band 7 PDN

Bedford



Successes:

- Implementation of a Virtual Ward (DOCCLA)
- Telemetry monitoring in all areas.
- Fully recruited unit and successful Band 6 development programme
- PDN and PEF in post supporting staff and students, improving feedback and delivering a successful OSCE programme.
- All RN's now converted to RSCN
- Fit-to-sit areas now embedded in CAU
- New EPR system in place
- Bronze accreditation following first assessment

Challenges:

- EPR system causing errors in data collection
- Monitoring and refurbishment needed for ward treatment room required following emergency resuscitation
- Community IVAB's not achievable due to CCN staffing issues and problems with EPR

Training and Competencies:

- 76% Band 6's EPALS trained, remaining staff booked
- 11 staff (band 6/7) with Level 1 HDU course, 8 more booked
- PEF trained to deliver BLS to staff and families
- 76% appraisal rate

Ambitions:

- Improved level of HDU level 1 courses
- 100% band 6 with EPALS
- To fully embed and return to delivering supportive care POSCU status on the Bedford Site.



NHS
Bedfordshire Hospitals
NHS Foundation Trust

Paediatric Virtual Ward

New service launches on 26 February 2024

Our new Paediatric Virtual Wards will:

- Allow the Paediatric team to remotely monitor select patients, from the comfort of their own home
- Shorten families' long-term stays

We are pleased to be part of the new national initiative to move to a virtual ward model and look forward to supporting our patients and their families.

Please scan the QR code or visit our website to find out more.



BEDFORDSHIRE HOSPITALS

Luton & Dunstable

Lead Clinician– Seema Sukhani

Lead Nurse-Laurell Paul-Lockitt

HDU Cross-site Facilitator-Jane Jones

HDU Link Nurse-Louise Walker

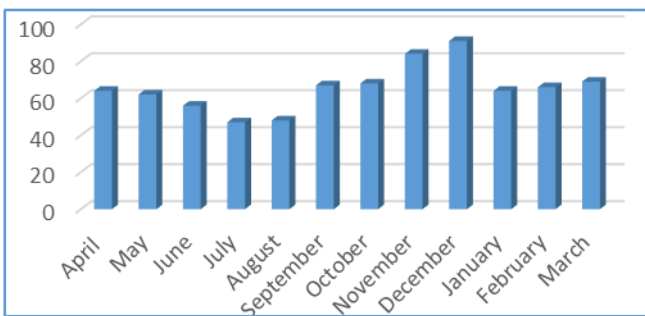
Background

Luton and Dunstable Hospital is a busy DGH with 54 beds, of which 34 are inpatient beds. It is one of 2 sites within the Bedfordshire Hospital NHS Trust. There is also a Paediatric Assessment Unit which is adjacent to the inpatient wards and a Day Surgery Unit which accommodates same day elective surgery, MRI sedation lists, food challenges as well as biologics treatment. An additional 4 bedded contingency area is available which flexes according to activity and demand. The unit was previously commissioned for 5 HDU beds, however in 2023 we were commissioned for a further 2 HDU beds and officially gained recognition as a stand alone Level 2 PCC Unit. There is also a new build Paediatric Ed with a mixture of beds and cubicles of which one is a dedicated HDU cubicle for resuscitation.

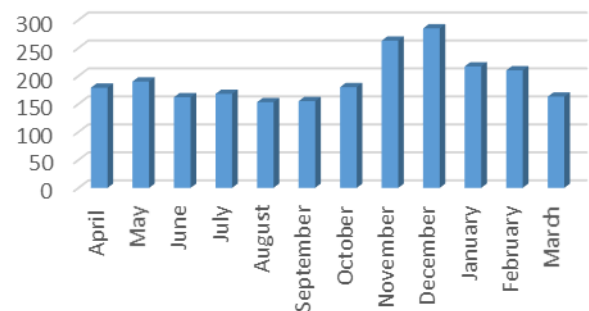
In 2023-2024 we saw a total of 786 patients requiring either high dependency or critical care. This is a slight decrease in overall number of patients for the same period last year. Total bed days for this period was 2325 which is also similar for the same period last year.

This year has also seen a slight decrease in our Level 2 activity from the previous year.

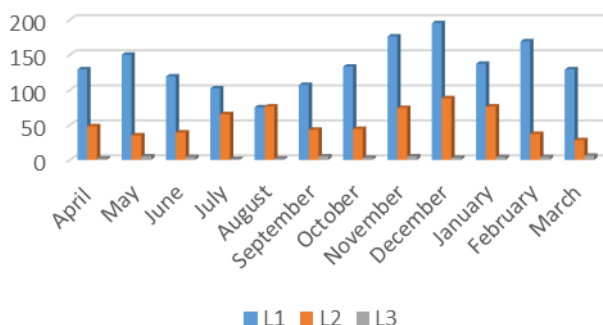
Total number HDU patients 2023-2024



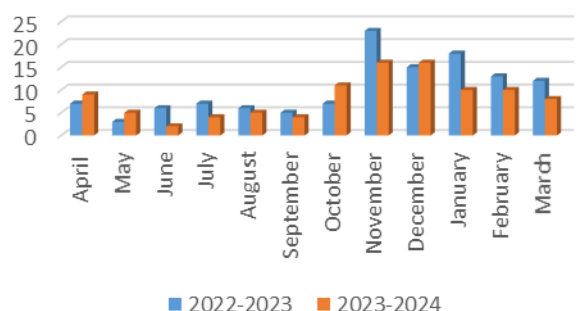
Total HDU bed days 2023-2024



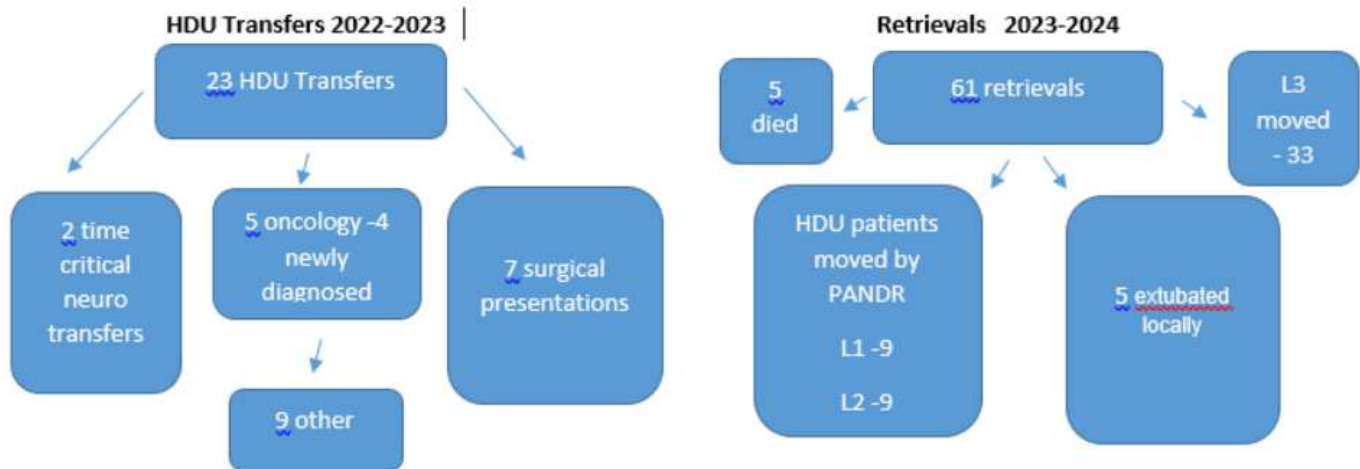
CC Level bed days 2023-2024



Comparison of Level 2 episodes



Luton & Dunstable



Achievements 2023-2024

- Level 2 stand alone HDU status attained
- Increased numbers of staff with L1/L2 HDU qualification
- Increased numbers of staff with an EPALS and APLS qualification
- Successful extubation locally with PANDR support – Pathway in development with ED/Paediatrics/ Anaesthetics
- CMAC device obtained for difficult intubations
- Standardisation of infant resuscitaires across the Trust
- Up to full establishment for nursing staff/ HDU Link nurse joined team
- L2 PICANET data and DoS data robustly captured
- Continue to work closely with the ODN's
- Purchase and training of Fabian ventilators
- Upskilling of staff in management of NPA airways and tracheostomy care

HDU Challenges :

- Local HDU activity – steadily increasing year on year
- HDU patients more vulnerable/at risk during transfer
- HDU Capacity not captured regionally or nationally
- No clear pathway for surgical time critical transfers
- HDU transfers during peak activity/winter surge

Moving Forward 2024-2025:

- Provision of central line access service in Paediatrics
- New projects on the horizon- Research involvement –BachB trial
- Local PANDR escalation pathway in development
- Participation in the Train the Trainer LTV education programme – collaborative effort between 2 ODNs
- Upskilling of staff to be able to look after patients with chest drains locally.

Addenbrookes PICU/HDU

Lead Clinician– Dr R Kayani

Matron-Hannah Cherry

Overview The paediatric intensive care unit is a 13 bedded unit split between 9 ITU beds and 4 HDU beds. We have the ability to convert our HDU beds into ITU beds if acuity is high. The PICU/PHDU team consists of 18 Doctors and 75 Nurses with HCAs, associate practitioners and most recently Nursing Associates. We care for children aged 0-16 who may require intensive medical or surgical support. As the only PICU in East of England we receive patients not only from our own hospital but from the region too. When PICU bed pressures are high we also accept patients from out of our region. We work closely with our colleagues in PaNDR who help transfer level 3 and level 2 patients to ourselves and other speciality hospitals.

Addenbrookes is the major trauma centre for the region, so patients are transferred to us via the Trauma Network. We are also the regional neuro centre and receive time critical transfers from local district general hospitals.

Patients with complex medical conditions are admitted for initiation of non-invasive ventilation. We are a diverse team who work alongside a large multidisciplinary team, including physiotherapists, dieticians, research nurses, counsellors, a family liaison nurse, pharmacists and specialist teams.



Meet our Team

We are a friendly, supportive, and diverse team led by 7 Consultants, a Matron and a team of senior nurses. We offer Registrar training and shadowing as well as a nurse PICU/ward rotation.

We have an in-house PICU and HDU course which is credited with the Anglia Ruskin University. We Offer the HDU course to the region and have regular study days and Webinars too. We also have outreach training available through our PaNDR team.

Service Provision: - Addenbrookes has a range of specialities we see here in PICU:

- Neurosurgical
- Oncology/Haematology
- Spinal/Orthopaedics
- Paeds surgery
- General Paeds/Gastro
- Neurology
- Respiratory
- Trauma
- ENT
- Ophthalmology
- Respiratory/Long term ventilation
- Endocrine/Metabolic/Allergy
- Urology
- Cleft

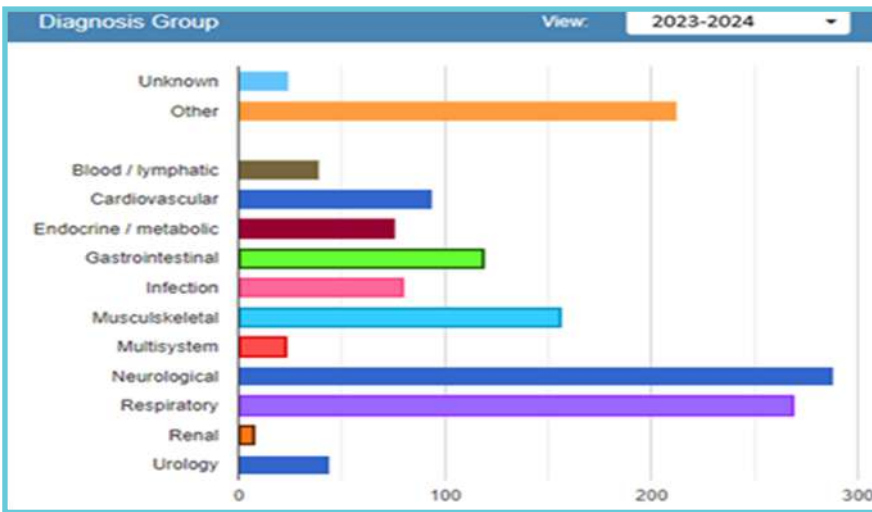
Achievements for 2023

We have recently purchased and rolled out the use of our new Servo-u Ventilators. These are the newest most up to date ventilators that servo have to offer.

We have also changed our Haemofiltration machines which now incorporate citrate. This helps to keep our filters from clotting meaning they last for longer and prevent the child from having to come on and off the filter unnecessarily.

We have a robust winter plan established to safely admit patients to PICU whilst adhering to infection control policies and a surge plan to admitting patients.

Addenbrookes PICU/HDU



This chart shows the different reasons for admission over the year 2023-2024. We have seen a decline in the amount of Covid cases we seen but an increase if other respiratory cases as well as neurological cases.



Addenbrooke's is one of 18 PICUs taking part in the study. We started in July 2023 and since then have recruited 80 patients! Total recruitment across all sites: 1562 (target is 4700)

20 PICUs contribute to the PRESSURE study. Recruitment started end of 2021, since then Addenbrooke's has recruited 63 patients – this is much harder to recruit to into. Total recruitment across all sites: 1002 (target is 1900), Other studies – GenOMICC continues, STARSHIP has completed with data analysis ongoing.



Colchester



Lead Clinician– Dr Ali Ahmed

Lead Nurse-Meg Brennan

Matron-Missy Duffney

Colchester Acute Children's Services

The Children's Ward is a 20 bedded unit, 4 of which form our High Dependency bay. The adjacent CAU comprises a 6 bedded observation bay and 3 side rooms, and provides a 24/7 assessment service, facilitating an ambulatory model of care. The unit receives referrals from health professionals and via our "Open Access" policy, allowing families with children who have chronic or life threatening illnesses, to self-refer. There is consultant presence on-site from 09:00-22:00, 7 days a week.

Our Children's Emergency Department is a self-contained, dedicated children's area within main ED. It manages 10,000+ children annually and is staffed 24/7 with a team of children's nurses who sit within Children's Services. We have recently appointed a further Children's Advanced Clinical Practitioner to work in ED alongside the nursing and medical teams, meaning we now have 3 WTE posts (1 trainee). We also now have 1 trainee Children's Advance Clinical Practitioner on CAU.

Achievements for Colchester Children's Critical Care Services 2023/2024

Training

- Big drive towards improving course provision across all areas
- 100% of current band 6/7s on Children's Ward EPALS trained, along with 3 additional senior band 5s
- 85 % of current band 6/7s on CAU/ED APLS or EPALS, along with 2 additional senior band 5s – 2 staff currently unable to complete and 1 booked to attend this year
- 100% current band 6s on Children's Ward completed HDU Level 2, along with 3 additional senior band 5s
- 78% of junior Band 5s children's ward nurses on the ward have completed their ODN Level 1 HDU course, remaining staff to be rebooked later in the year
- Role of our ODN tracheostomy and LTV training started this year - 86% of nursing staff across all areas have now completed

Staffing

- 2 x Associate Practitioners now transitioned to Registered Children's Nurses.
- 1 x Staff member recently completed their Nursing Associate Course.
- Dr Ahmed has joined the team and taken over as HDU Lead
- Recently appointed a further Children's Advanced Clinical Practitioner to work in ED, meaning we now have 3 WTE posts (1 trainee). We also now have 1 trainee Children's Advance Clinical Practitioner on CAU.

Services Development

- Ongoing progress of Paediatric MRIs under General Anaesthesia, currently running monthly lists, and a business case is being drawn up to further establish the service. This will mean families no longer have to travel long distances to Addenbrookes or London for this service.
- Staff training on Continuous Regional Block Management, to allow for use post laparoscopic procedures
- Staff LTV/Tracheostomy training has allowed faster repatriation of long term patients from tertiary centres
- Timely debriefs arranged for all cardiac arrests, deaths and difficult paediatric emergencies

Colchester

Critical Care Data for 2023-2024

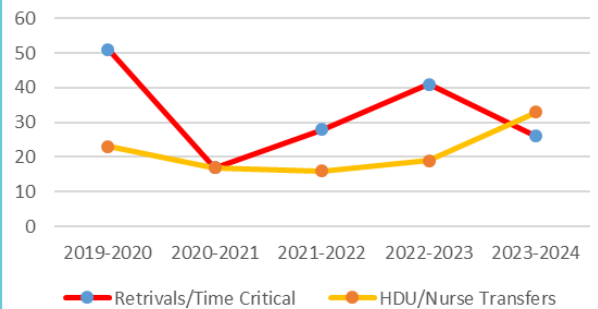
In 2023/24 we have seen a reduction in the number of retrievals this year, with a complimentary increase in the number of HDU/ Nurse transfers.

This has also been accompanied by an increase in the total number of HDU bed days since last year – particularly over the winter period this year.

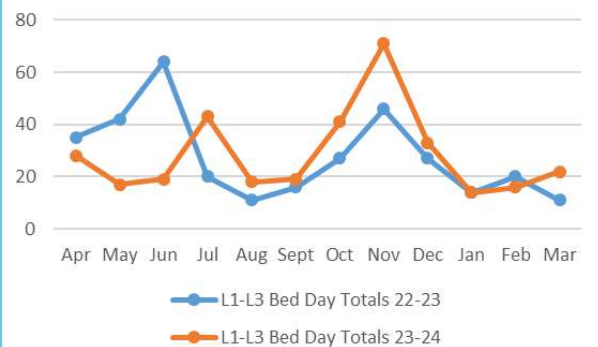
We are continuing to review our paediatric HDU/Critical Care transfers retrospectively and sharing any learning with staff members, key learning points so far have been:

- Drive to improve STOPP Tool completion – 100% last month
- Key learning or significant cases discussed at monthly meeting
- Ensuring safe transfer of ENT patients due to the service being provided cross site between Ipswich and Colchester

Retrievals and HDU Transfers



HDU Data 22-23 vs 23-24



Aspirations for HDU Critical Care in 2024 - 2025

- MDT simulations to be run between the lead consultant and PDN team
- Implementation of a new sepsis tool and national PEWS in the coming months
- HDU team days are due to run, in October, for all nursing staff with both the ODN and PaNDR attending October – planning for simulation, teaching, education and hopefully MDT involvement
- Looking into the purchase of new equipment for High Flow and CPAP with an aim to match cross site to improve ability to support in times of surge
- HDU link nurse allocated for Children's ward to work alongside Meg (Lead Nurse)
- At the end of 2025 ESNEFT are implementing EPIC EPR, this will transform the way that data is collected about patients, simply care for the clinicians, improve communication with other centres, allow more in-depth analysis of HDU data to list but a few benefits. Although, for the next 18-24 months as it is implemented and the training happens, there will undoubtedly be challenges, following this is the positives should be revolutionary
- We are a pilot site for the implementation of Martha's Rule, working with NHSE to develop a system that works well in practice.



Ipswich



Lead Clinician: Lauren Filby & Frances Brooke
Lead Nurses: Alice Nash-HDU Coordinator
Matron: Faye Button

The Children's unit at Ipswich hospital comprises of an inpatient ward, paediatric assessment unit (PAU), paediatric Emergency Department (ED), an elective care/investigations unit and outpatient department. All areas care for children 0-16 years of age, for a range of specialities.

Over the last year our redevelopment project, which will provide us with a completely new children's department, has significantly moved forward and is near to completion. Phase 2 of the build was complete in December 23 and meant we could move into half of the new inpatient unit, including a 2 bedded HDU area, resus room and ligature free sanctuary room. Whilst the third and final phase is completed, which will see the completion of the inpatient unit, assessment unit and school room, we have continued to co-locate the inpatient ward with the assessment unit. The current space of the inpatient unit has the 2 bedded HDU area, 8 side rooms and two 4 bedded bays with a 5th escalation space. Once the full ward is open, there will be a further 4 side rooms.

The assessment unit, currently running within the inpatient area, has a separate waiting area but otherwise utilises available inpatient and outpatient space. They take referrals from primary care, direct access patients and our Emergency Department. It is open from 07:30 - 23:30 7 days a week and we will be extending the PAU opening hours to be a 24/7 unit as of 1st September.

Paediatric ED, which sees around 16000 children a year, is a dedicated secure area of the emergency department and comprises of 4 cubicles and a waiting area. There is also a dedicated paediatric resuscitation bay. Opening in September 24 is a new emergency department at Ipswich, which will mean us moving into a larger paediatric area. Our senior nursing team is strong and we are lucky to have a full time HDU coordinator and a full time PDN, as well as the full hierarchy of Band 7-Band 3s. Alongside the acute team we also have nurse specialist teams for respiratory, oncology, epilepsy, transition and cardiology. We are an enhanced level A Paediatric Oncology Shared Care Unit and a shared care CF centre.

More recently, we were lucky enough to have appointed a nurse specialist for medical complexities, funded by the Roald Dahl charity. This is a new role for us and it has been invaluable to our patients who spend a lot of time in and out of healthcare services.

Our medical team comprises of 12 WTE consultants with a wide range of specialities including high dependency care, cardiology, diabetes and endocrinology, oncology and respiratory. Lauren Filby has now stepped down from being the HDU lead, thanks for all your work Lauren. We welcome Frances Brooke taking over this role in 2024.

Ipswich

We provide all aspects of level 1 HDU care on our inpatient ward as well as some level 2 interventions. We had 145 HDU admissions of all levels during 2023 and 28 transfers to a tertiary centre.

Points of pride

- Last year we had a further 6 RNs complete the level 1 HDU course and 2 RNs complete their level 2 course, increasing the number of staff who are HDU trained.
- We have successfully set up and run bimonthly MDT simulations as part of the medical lunchtime teaching programme.

Challenges

- Working through the redevelopment phasing whilst continuing to maintain high standards of care has been a great challenge but we have worked well as a team to achieve this.

Aspirations for 2024

- We are in the process of streamlining our equipment for children who require intubation and ventilation and are creating a critical care trolley that will be used by the inpatient area, critical care and theatres.
- ESNEFT are in the process of implementing EPIC. This isn't due to go live until 2025 but there is lots of work ongoing to make this system work the best it can for our services. As part of this we will be look at what we want to create a bespoke system for the care of our HDU patients.
- We are always looking to improve our training opportunities across ESNEFT and we are currently looking at how we can run simulation and skills training for the wider MDT.



NORTH WEST EAST ANGLIA

Hinchingbrooke & Peterborough



Amazon Ward Peterborough City Hospital

Lead Clinician– Dave Hopkins

Lead Nurse-Jayne Rootham

Ward Manager-Erika Davies

Educator-Lucy Walton



Holly Ward Hinchingbrooke Hospital

Lead Clinician– Eva Kozber

Lead Nurse-Jayne Rootham

Ward Manager-Caroline Knott

Educator-Catherine Slone

Overview

North West Anglia Foundation Trust has a paediatric ward on both sites, at Peterborough and Hinchingbrooke Hospital, taking patients from age 0-16 years. On Holly ward we have 12 low dependent, 1 HDU and 6 Day Surgery beds. On Amazon we have 20 low dependent, 2 HDU and 8 Day Surgery beds. Both have paediatric assessment units, open 8-8 pm on Holly ward and 8- midnight on Amazon ward.



We work within our Trust values of Putting patients first, being caring and compassionate, working positively together, being actively respectful and seeking to improve and develop.

Amazon HDU

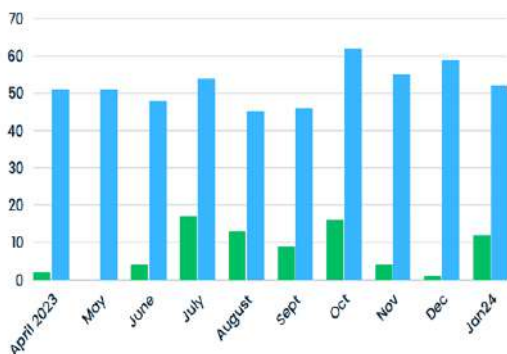


Holly HDU



HDU ACTIVITY

Holly Green,
Amazon Blue



NORTH WEST EAST ANGLIA

Hinchingbrooke & Peterborough



Positives

We continue to send staff on the Level 1 CCC EoE to increase skills and knowledge caring for High dependent patients.

Surgical Lists at the weekend have started at Peterborough, to assist with waiting lists.

The new asthma weaning plans, SABA scrap and Sepsis pathways have been launched in Paediatrics 2023-2024.

Valuing Staff

Papyrus Study Day across site has been successful. These are 4 wellbeing study days, off site with a focus on suicide prevention by a team called Papyrus. We then included Kooth and Quell speakers for staff support and ended the day with laughter yoga.

Increase of staff EPALS trained –

PCH – 2023 x5 staff, 2024 x4, booked x6

Holly 2023 x3 staff, 2024 x2, booked x4

With 95% PILs trained and compliant across site band 5&6

Challenges

We have seen an Increase in Eating Disorder patients.

Nurse Led discharge pathways were introduced to enable nurses to discharge patients safely for those with asthma, bronchiolitis, head injuries, CAMH low risk, and gastroenteritis. This has involved collaboration across paediatric and ED areas, however, in practice this has been challenging.

Amazon ward Jungle Assessment Unit



Holly Assessment Unit



James Paget University Hospital



Lead Clinician– Stephen Nirmal

Head of Children & Young Persons Services-Justine Goodwin

Anaesthetic Lead-Michael Whitear

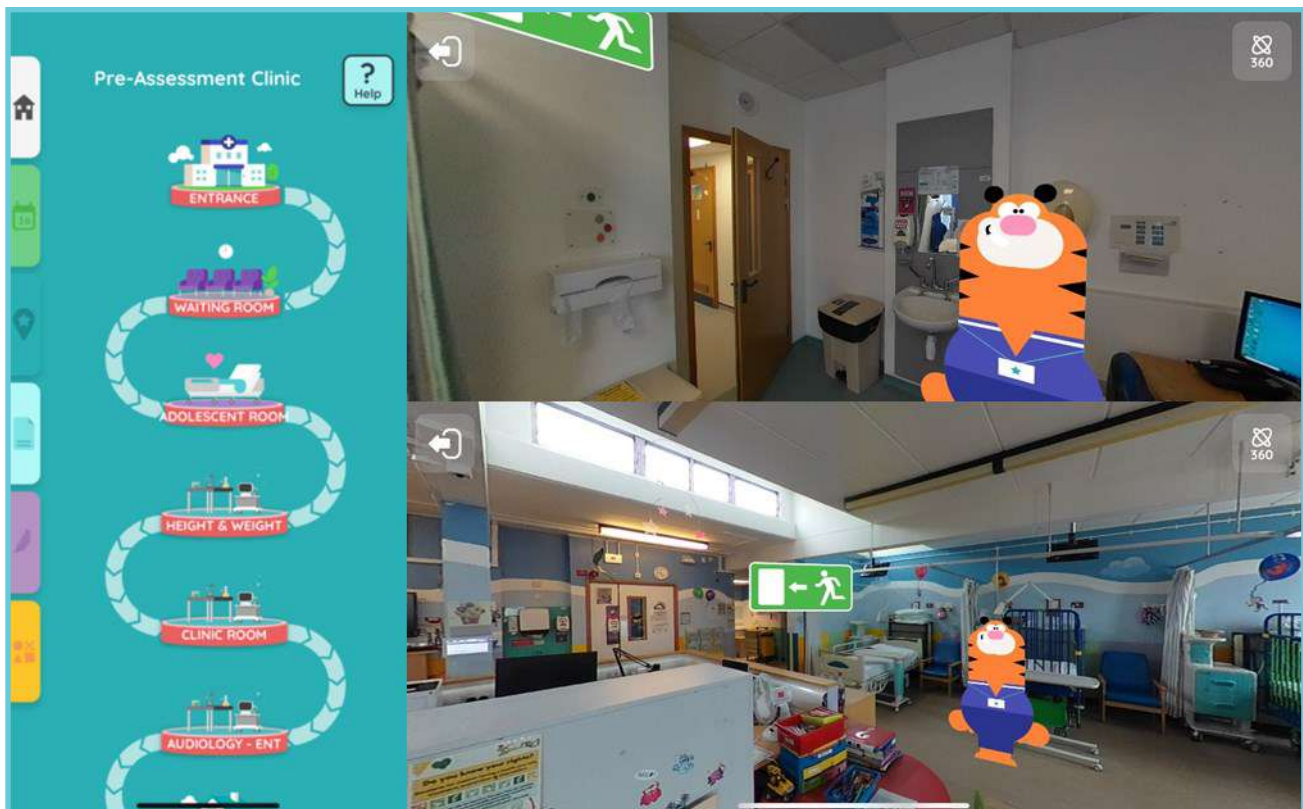
The James Paget Hospital is a district general hospital providing an elective surgical program covering ENT, Orthopedic, General Surgery, ophthalmology, dental and some urology. Our paediatric inpatient ward has 28 beds which includes an 8 bedded bay dedicated to surgery patients. Two, 2 bedded adolescent rooms with ensuite bathrooms to accommodate teenagers with medical/surgical needs. Our surgical recovery has a dedicated paediatric area with 1 WTE paediatric recovery nurse. Services for children and young people received a rating of “good” from CQC in 2023.

UPDATE FOR 23/24:

- James Paget had the Paediatric Surgery in children ODN peer review 16th January 2024
- New Paediatric anesthetic Lead consultant
- Vascular access service for adults has been achieved and joint policy developed to include the paediatric pathway
- Rotational Nurses- band 5 nurses rotate to ward 10/paediatric ED/Recovery/ NNU to gain experience in all areas.
- Continue offer 16-18yr old patients the choice of the Paediatric or adult surgical pathway
- Ambulatory clinic room in The children’s Outpatient department has enabled children to be reviewed and treated within the designated area reducing the footfall within the inpatient ward
- Local Children’s Surgery and Critical care meetings with the MDT occur regularly ,waiting lists are reviewed and outstanding actions/ risks/ complaints discussed with actions
- Shared guideline with the ODN for surgery and critical care.
- Education- staff booked to attend High dependency/surgical Study Day’s- facilitated by the [ODN](#).
- Little Journey has now been launched for pre-operative care – parents can access via QR/app.
- Paediatric and theatres staff continue to attend PILS/EPALS (all paediatric nurses to do EPALS 4 yearly and PILS yearly)
- EPALS course now delivered on-site at the James Paget University Hospital
- Dedicated afternoon lists for elective MRI scans under GA and sedation
- Role specific Paediatric Early Warning Score (PEWS) lead within the JPUH commenced May 2024 this involves planning/delivering/oversight and education of HDU/Resus care and PEWS teaching/escalation across paediatrics and all areas that deliver paediatric care (ITU, recovery, theatres clinic, ED, outreach teams, ODP’s, CCNT, physio, new doctors). Launching Martha’s rule is included part of the portfolio
- Extra ENT day care lists at weekends underway to reduce waiting list

Future planning: .

- Paediatric Post Anaesthetic Care Unit (PACU) Course- paediatric recovery nurse to attend this year.
- Review anaesthetic team education regarding EPALS attendance, attending a tertiary centre to maintain skills and look into the Tees benchmarking tool.
- RACC work to be completed this year-plans to move into concept ward in July. Ward will not have reduced bed numbers but will have access to more single rooms during this time.
- Aim to use allocated bay to facilitate surgery and adolescent rooms to accommodate those 16 years and over where possible- taking bed capacity/cohorting into consideration.
- To have a lead for transitional care nurse to adult services
- To explore the patient/ family voice within paediatrics
- To have delivery of Botox completed within the ambulatory clinic



NORFOLK & NORWICH

Norfolk & Norwich University Hospital



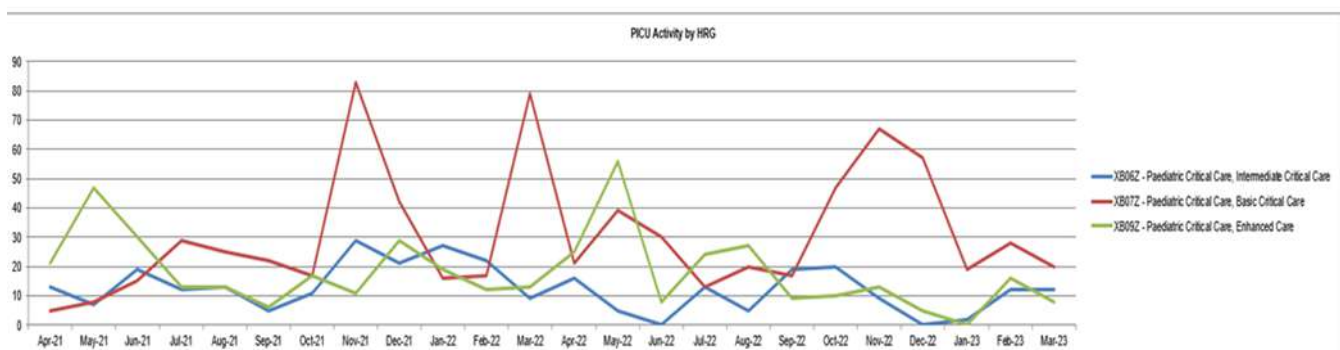
Lead Clinician– Dr Catherine Thomas

Matron-Alice Cook

Lead Nurse-Kirstin Skinner

Developments and achievements.

- Most frequent HDU interventions include high flow oxygen delivery, epidurals, severe asthma requiring IV therapy and DKA.
- Staff awards 2023 winner team paed. Paediatric team won the patient safety award for the successful implementation of the paediatric safety huddle. The daily safety huddle across paediatrics including PHDU has supported safe and joined up working between nursing and medical colleagues, enabling the discussion and collaborative learning from any incidents, discussion regarding complicated cases such as PHDU within the footprint or anticipated alongside a discussion about any PICU / HDU patient who is an outlier on other wards or hospitals to improve repatriation.
- Improved communication to the clinical and nursing teams who care for paediatric HDU patients across our ChED, Children's assessment Unit and Inpatient area via our new HDU Herald compiled of key information, developments, and projects.
- Improved Paediatric rapid case review documentation to be completed within 48-72 hours of a deterioration that requires an unexpected transfer to PHDU, ITU or a specialist centre such as PICU. This then gets presented at our weekly Incident group and as well as reviewing the background to the case highlights both any areas of concern alongside areas of notable practice. These cases then get reviewed in more detail during our children's critical care working group meeting.
- Supporting our surgical colleagues with the development and opening of dedicated paediatric operating theatres within our Jenny Lind hospital footprint with HDU care post operatively.
- Development of a youth forum and the new role of a youth forum facilitator to ensure patient engagement with service review and development providing invaluable points of view including their experiences of care within our PHDU area and the supporting facilities.
- **Training and education opportunities**
- Level 1 training success for 8 candidates and another 8 level 2 candidates
- In house training opportunities include skills days involving Intraosseous access, ECG and chest drain management, high flow and CPAP drop in sessions alongside ODN supported sessions such as LTV and stabilisation days.
- In house OSCE prep and skills days for those on the HDU courses.



Plans for 2024 and beyond.

- Improved communication across all areas providing Paediatric HDU care including clear key lines of communication using a designated PHDU email group and the HDU herald.
- Staff experience survey to be conducted focusing on nursing and clinician experiences which will drive focus developments specifically targeting PHDU service.
- Continuing expansion of our CPAP service.
- Improved data collection alongside the PICANET team.
- Successful roll out of PHDU 3 day stay documentation booklet following recent trial.
- HDU nursing skills day to complement the in house HDU OSCE prep sessions.

Princess Alexandra Hospital



Lead Clinician-Dr Anne McCorquodale

Lead Nurse-Vikki Stone

Compiled by-Katie Ayers & Anna McCorquodale

The Princess Alexandra in Harlow is an Essex based DGH with a busy local paediatric emergency department seeing in excess of **30,000** children during 2023. Inpatient services are from a single inpatient ward (Dolphin) where there are 19 beds/cubicles (routinely open to 16 inpatients). HDU provision is within an allocated bay space but can also be delivered in 2 cubicles within sight line of the nurse's station where needed. In addition to the care of children we run a level 2 neonatal unit.

The medical team comprises 14 FTE consultants with a variety of special interests including, HDU, cardiology, oncology, allergy, endocrinology, neonatology and neurology. A further locum consultant is due mid/late 2024 with an interest in digital health.

Our Oncology service continues to grow, developing relationships with Palliative care teams, looking after patients locally in the end of life stages. The team has strong ties with North East Thames ODN helping to develop and standardise POSCU delivery across the region.

The inpatient ward is capable of delivering level 1 HDU care and where necessary this can be escalated to most aspects of level 2 care in the short term or whilst awaiting retrieval.

We have continued to work with the PANDR team to facilitate extubation on site in the context of status epilepticus, currently limited to individual cases.

We have seen a rise in the need to facilitate ongoing local HDU care prior to level 3 transfer for children with known history of cardiac or respiratory conditions.

Achievements

- We have continued On-site EPALS training and continue to support all of our Band 6 nurses within Paediatric areas in completing the course successfully. Training is now focusing on training all band 5 nurses across all Paediatric areas, including Outpatients in the courses in 2024/25.
- The Paediatric Hospital at Home team saw 974 patients across Hertfordshire and Essex in 2023. Demand has already increased for 2024, seeing a wide range of patients working to ensure patients can avoid admission to hospital. Alongside and integrated with hospital at home a virtual ward has been initiated allowing care to be appropriately divided between community services and hospital at home
- Simulation training has continued as a regular feature of our medical and nursing training. We have recently expanded the SIM training to include parental roles and handling communication challenges.
- National funding for psychological support has been withdrawn however, the debriefing programme at PAH continues, engaging staff from the MDT to discuss difficult cases, most frequently death or critical care.
- Advice and guidance implemented into Paediatric Outpatients clinic has reduced the wait times for appointments.
- 28 transfers out 15 PANDR transfers showing an increase in demand for local provision of HDU care and tertiary transfer.
- Introduction of Paediatric Emergency day collaborating with Anaesthetics, Theatre staff and ODN team to enhance Paediatric learning as we move toward as winter months.
- Recruitment of International nursing staff has continued very successfully including developing some of our nurses to Band 6 roles and incorporating their existing PICU skill set into advance level HDU courses

Challenges

- As we continue to aim for extubation on site at PAH there continues to be a mismatch between regional expectation and local anaesthetic skill set which has proved a challenge but exciting chance for growth in this area.
- As our professional relationship with PANDR grows, access to regular education provision and outreach has been a challenge for the trust. Working alongside our named Lead Nurse and Lead consultant to access this outreach and also incorporate into our internal M&M sessions to discuss complex cases we hope will improve this moving forward.
- We continue to see high numbers of children accessing emergency care at PAH putting pressure on our infrastructure and workforce.
- **Staffing?**

Aspirations for 2024/25

- Re-establish regular education and developing relationships with PANDR
- Moving towards Level 2 status with a focus on respiratory care and potentially incorporating step down care from PICU (e.g. tracheostomy/LTV step down) in the near future
- Enhancing our collaboration with tertiary teams for teaching around complex conditions we see at PAH to help ongoing management and care.
- Seek supportive funding for 1 WTE Band 8a for provision of pHDU care and expansion of the pHDU team to support Level 2 provision.
- Establishing a clear pathway for delivery of CPAP above 10kg at PAH



modern • integrated • outstanding



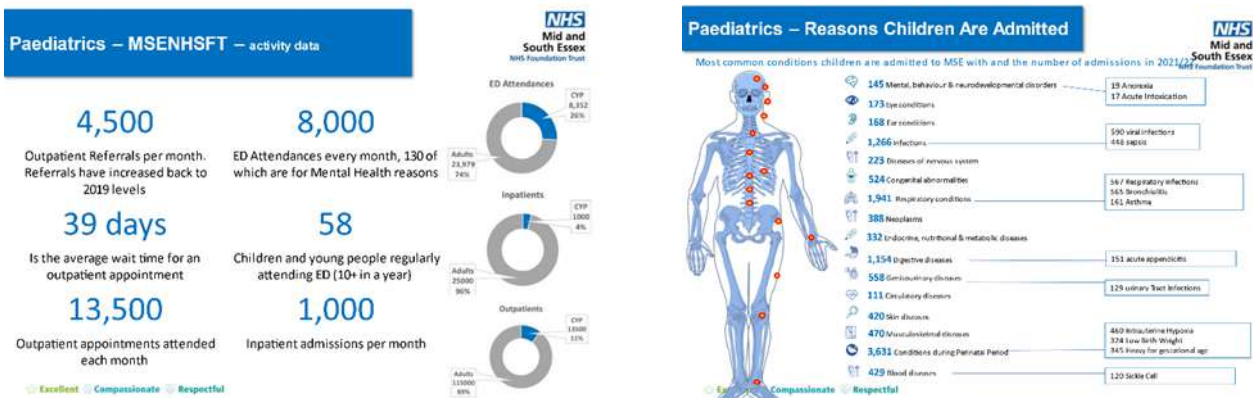
patient at heart • everyday excellence • creative collaboration

MID & SOUTH ESSEX

Basildon, Broomfield & Southend

Lead Clinician: Maimuna Mushabe
Lead Nurse: Jerusha Murdoch Kelly
Lead Nurse for HDU: Louise Tebble

Mid and South Essex NHS Foundation Trust is a group of hospitals serving a population of over 1.3 million in Central and South Essex. Paediatric critical care services are provided on all 3 core hospital sites, namely, Basildon University Hospital, Broomfield Hospital and Southend University Hospital.



Achievements in critical care

- In 2023, regional funding was allocated to the Basildon site to support two Level 2 HDU beds. The funding was used to redecorate the HDU area and support the purchase of new equipment.
- 5 new Hamilton T1 Ventilators have been purchased for the trust both from charity and HDU funding.
- Cross site training and education continues to hold across all sites. This is open and accessible to all staff. This includes EPALS courses run at both Broomfield and Southend Hospitals, HDU level 1 study days for all nurses on completion of their preceptorship and webinars dedicated to Sepsis, Oncology and Sickle Cell.



Basildon



Lead Clinician: Himadri Chakraborty
Lead Nurse: Dumebi Ogunjimi
Clinical Practice Facilitators: Louise Tebble (HDU), Grace Davis (Paediatrics) Gemma Addy (Paeds ED) PAU)

Paediatric Services at Basildon Hospital

Comprises of:

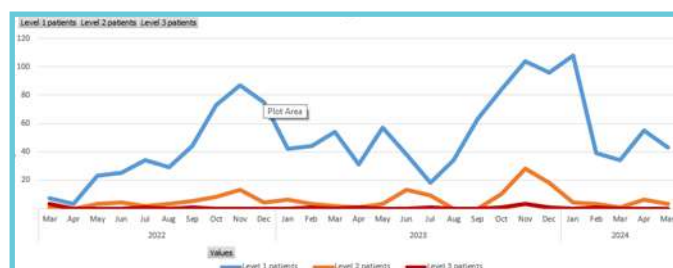
- Paediatric Emergency Department (PED) which is open 24/7. It saw approximately 38,000 attendance last year.
- The PED has a co-located 6 bedded Paediatric Assessment Unit (PAU).
- The Paediatric Emergency Department and PAU is overseen by a team of senior nurses, which includes a Band 7 team, a dedicated Clinical Practice Facilitator, 2 Emergency Nurse Practitioners (ENPs) and 2 Advanced Nurse Practitioners (ANPs).
- Children's Outpatients Department
- Penguin (Haematology / Oncology) Day Unit
- Puffin (Respiratory) and Wagtail (Mixed / elective activity) Wards which is overseen by two ward managers. Ward Capacity is 20 inpatients across the two wards with two dedicated level 2 HDU beds. Elective and emergency day surgery and procedures under sedation is also carried out on the wards. This is in addition to the inpatient bed base.

Achievements in critical care

- Funding from the regional HDU beds has led to the employment of 6 more nurses including 2 band 6 HDU nurses.
- Funding has also been used to purchase new equipment for HDU including 2 Hamilton T1 ventilators, 2 Mindray Cardiac Monitors and an Airvo 3 respiratory support machine.
- PICANet – Data collection started in September 2023 for the HDU level 2 expansion of the national audit. All patients admitted to the 2 dedicated beds are included.
- Bach B trial – Basildon joined the national clinical trial of breathing support in infants with bronchiolitis in January 2024.
- Currently, 65% of nursing staff are trained at HDU level 2 and above. There is rolling allocation of 2 nurses per intake at South Bank University.

Critical Care Levels

- There is a continued year-on-year increase in both ward acuity, ED attendances and HDU admissions. The most common Level 1 intervention in the last year has been HHHFNC O2 and for Level 2, this has been nasal CPAP with a spike in activity seen in January of this year.



Broomfield



Lead Clinician: Dr Chavakula
Lead Nurse: Suzanne Reynolds, Angela Poulter
Clinical Practice Facilitator: Mary Stebbens

Here at Broomfield, we offer a wide range of paediatric services.

Phoenix ward is a 20 bedded in-patient service caring for general Paediatric conditions, shared care oncology, emergency general surgery over the age of 5 years along with being the regional hub for specialist surgery such as Ear Nose and Throat, Maxillofacial, Cleft and Plastic surgery along with Paediatric Orthopaedics. Incorporated on Phoenix is a bay with 2 designated High dependency beds where we are able to deliver up to level 2 care.

Located within the footprint of Phoenix ward is our 12 bedded Paediatric assessment unit and 4 of these beds are designated for short stay. The unit is split from the main body of the ward having its own designated staff who rotate between PAU and Paediatric ED strengthening links between the assessment unit and the Paediatric Emergency Department.

We have a designated Paediatric Emergency department offering a 24hour service that is staffed 24/7 by a team of paediatric nurses and HCAs all this with the support of a Paediatric Consultant daytime Monday through to Friday.

Pegasus is our 11 bedded surgical overnight stay ward which works in conjunction with our already existing day surgical ward Wizard. Pegasus is a new 11 bedded surgical in-patient unit and was specifically designed to work alongside Wizard Ward, facilitating ongoing care of the surgical child requiring in-patient care. The unit absorbs the plastics trauma referrals which currently flow through the Paediatric Assessment Unit. It also facilitates cleft surgery. Pegasus and Wizard are staffed by a team of experienced paediatric nurses, nursery nurses and HCAs.

The Team: We currently have 15 paediatric consultants supported by an extensive team of Registrars, SHOs and GP trainees and currently support the training of Physicians associates.

Our current nursing team consists of Paediatric or Paediatric experience nurses, nurse nurses/ HCAs and Play specialists, Epilepsy, Diabetic, Oncology and Asthma/ Allergy nurse specialists and 3 clinical practise facilitators one based in the emergency department. All this supported by a Team of Pharmacists, Physiotherapists, Mental Health practitioners, Dieticians and community nursing team. We have three Paediatric Mental Health Practitioners supporting across the MSE children and young people presenting in mental health crisis a fabulous addition to our team. Over the last year we have welcomed newly qualified nurses from the Paediatric rotation programme. We have also supported our IEN's in successfully completing there Paediatric OSCE's at GOSH.

2023 achievements

We have continued to maintain an active part in the East Anglian Paediatric Preceptorship programme joint hosting the Burns and emergency care study day and supporting our newly qualified nurses through this programme. We are committed to joint learning across the trust and deliver study days across each site. and have successfully delivered our first Sepsis webinar.

We have continued to support our senior band 5 and band 6s through EPALS and the high dependency course run by London Southbank in conjunction with Barts and the Royal London Hospital. And we look forward to continuing this in the year ahead.

We have had the pleasure of engaging in joint learning with our anaesthetic colleagues and PaNDR.

We have recently replaced our old Baby pac ventilator and have a Hamilton ventilator up and running for our patients that require intubation and ventilation prior to retrieval.



MID & SOUTH ESSEX

Southend



Lead Clinician: Kilali Ominu-Evbota
Lead Nurse: Sophie Dudley
Paediatric Practice Educators: Susan Cornwell, Hannah Torrance, and Karen Flack (Paediatric ED)

Paediatric Services at Southend Hospital

Comprises of:

- Children's Emergency Department
- 6 bedded Paediatric Assessment Unit (PAU) (Approx. 25,895 ED attendances in 2023)
- Children's Outpatients Department
- Neptune Children's Ward has capacity for 16 inpatients
- Ambulatory Care Team led by a band 7 for day case work (endocrine, MRI scanning under sedation, gastroenterology etc.)
- Elective surgical lists for ENT, general surgery, dental and Ophthalmology delivered in dedicated areas twice a month
- Emergency surgery and procedures under sedation carried out on the ward in addition to inpatient bed

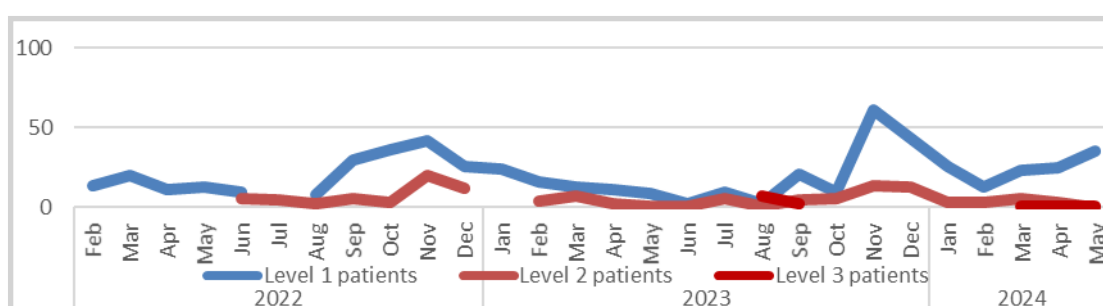
Achievements in critical care

EPALS Trained Workforce of Nurses by Area		
Neptune Children's Ward	PAU	Paediatric ED
65%	75%	42%
N.B. Remainder of RN's in all areas trained to PILS level and refresh yearly until EPALS obtained		

- Charity funding has allowed us to purchase a Hamilton T1 Vent for Paediatrics. ITU have also recently replaced the Babypak for a Hamilton T1 for Paediatric Patients. Replacement AIRVO2's have also been purchased by Charity.
- Accredited HDU Course Completion (ARU & LSBU) - Currently 48% of nursing staff trained at HDU level 2. rolling allocation of 2 nurses per intake at South Bank University
- Level 1 days provided locally by the MSE PE/PCF teams to achieve 100% across inpatient ward and PAU nursing staff.
- Monthly simulation sessions delivered to a team of Medical and Nursing staff focusing on identified areas of

Critical Care Levels

- We have continued to see a year-on-year increase in both ward acuity, ED attendances and HDU admissions. Our most common level 1 intervention in the last year has been HHHFNC O2 and level 2 has been nasal CPAP



Lead Clinician-Lynn Sinitsky

Lead Nurse-Anna Lanwarne

Overview

West Hertfordshire Teaching Hospitals Trust (WHTHT) provides care for children and young people in West Hertfordshire. We work closely with Hertfordshire Community Trust as our community service provider and within Hertfordshire Integrated Care Systems. These include East and North Hertfordshire Trust and Princess Alexandra Trust.

WHTHT has three sites (St Albans, Watford, and Hemel Hempstead). Watford General Hospital is home to our Children's Emergency Department with a co-located Paediatric Assessment Unit.

The children's inpatient ward, Starfish Ward, has 20 beds, of which 2 are commissioned Level 1 HDU beds. The Safari Day Unit is an 11-bedded day surgery and day procedures unit and is co-located with Starfish Ward. We have a busy Children's Outpatients department at both Watford and Hemel sites. Hemel Hempstead also has an Urgent Treatment Centre which sees approx. 10,000 children and young people a year.

At WHTHT we pride ourselves in delivering "the very best care for every patient, every day." Recent CQC report highlights our effective multi-disciplinary working both within the Trust and with external services and organisations, how we use best practice guidance to deliver care and always treat children with kindness, dignity and respect. Our values, "Commitment, Care and Quality" give us all a common purpose and help patients, as well as their family and friends, to know what to expect of everyone they meet when they visit one of our hospitals.

Our medical team comprises of 20 Paediatric Consultants and 1 Staff Grade with wide specialist interest areas including allergy, epilepsy, respiratory, gastroenterology, diabetes and cardiology. The medical team is supported by 14 junior doctors and 7 Clinical Nurse Specialists. Our nursing team establishment comprises 66.17 RN's and 11.83 Support Staff across all areas. In addition we are supported by a play specialist, dieticians, physiotherapists and pharmacy. We also have an additional 3.77 Emergency Nurse Practitioners and 2 qualified ACP's and 2 Training Advanced Clinical Nurse.

Our vision for 2024/25

We are currently working on our elective recovery plan, bringing back all services displaced from our Day Unit during and following the pandemic into one place. We are also working with our community partners to explore Virtual Hospital options, developing our current ambulatory pathway. The new hospital build is still under plans. Together with development with our Electronic patient record system, these changes will transform Children's services and take us firmly into the 21st century and beyond.





Lead Clinician: Karine Cesar

Lead Nurse: Sharon farthing & Jo Rackham

Overview

At West Suffolk Hospital we are the main provider of children's services for the West Suffolk region. Our main aim is to the best quality and safe care to our local community through our FIRST values which are the guiding principles and behaviours which run through our organisation

Paediatric inpatient services are based on Rainbow Ward and our Children's Assessment Unit which is co-located on Rainbow Ward. We are a 15 bedded unit with the option to flex to 20 beds (dependent on staffing and patient acuity) and we have a 2 bedded Level 1 HDU room. We cover a wide range of clinical services from general paediatrics to orthopaedics, psychology and physiotherapy and have strong connections with other specialist Children's units such as Addenbrooke's and the Norfolk and Norwich University hospitals. Outpatient clinics run throughout the year in our dedicated Children's Outpatient Department.

We have a team of Paediatric Doctors, Nurses and CANP's throughout our department and are supported by a number of AHP's including physio's, SALT and OT in addition services such as pharmacy, psychology and play therapy are integral to our care delivery.

Key Team Achievements 2023 – 2024

In 2024 we expanded our Paediatric Cardiology service. This has enabled us to restructure and further develop our cardiology service to ensure it meets the needs of our local population in West Suffolk and enhances the quality of care and standards for CYP. It also supports us to provide a service that covers not just physical health but also mental Health and psychological wellbeing.

We are in the process of implementing the National PEWS to all Paediatric areas within the trust – the project has included modifying our existing electronic record to reflect the new scoring systems, training and supporting staff to ensure full understanding of scoring and escalation and disseminating of training throughout the organisation. The final go live for this project is mid July.

In September 2023 our Nursing teams from Paediatric inpatients and Paediatric ED came together as one team, this has enabled us to review our paediatric staffing across the organisation in a way that promotes safe staffing levels, appropriate skill mix and joint team working. Whilst we have experienced challenges from the teams involved we have definitely seen improvements in staff knowledge and skills, recognition of the challenges experienced in each area and a more collaborative approach to senior support across paediatrics.

Staff development is fundamental to our approach at WSH and we have successfully supported staff to attend and complete a number of training opportunities including:

12 staff completed EPALS – with this being actively encouraged within our band 5 RN staff group

All ward/COPD/DSU/Paeds ED Staff completed and are up to date with PILS training

12 Staff have completed or currently attending the regional Preceptorship Programme.

10 Staff successfully completed and passed the PCC HDU course.

We have also added to our senior nursing Team with Stacey Lambourne as PDN and Ruth Hassall as our lead ED Nurse – we are already benefiting from their knowledge and experience as a paediatric department.

As a department we are also utilising the resources provided to us by the PCC ODN and SiC ODN and have benefited from staff attending the PANDR training day and bereavement study days.



Ambitions for 2024/2025

To continue to work with the team and wider Trust to support patients, families, and staff through the paediatric recovery programme and to continue to ensure Paediatric representation in the design and planning of the new West Suffolk Hospital. This includes safeguarding, recognising and acknowledging the needs of Children and Young People in Suffolk at every step of the process.

To launch and then evaluate our virtual ward project to ensure opportunities for CYP to receive their hospital care and treatment in their own home rather than an inpatient hospital setting. This project is in an advanced phase with a planned launch towards the end of summer 2024. We have recruited our RN's and Consultant lead and are currently finalising pathways and operational processes.

To continue to support staff training in all areas of paediatric critical care by utilising both local and regional training opportunities and resources as they are available and to ensure robust pathways of care with our ED colleagues to ensure they also benefit from these training and learning opportunities.

To review provision across paediatrics for children with autism and neurodiversity –

Changes include – Play specialist support, environmental considerations including providing a calm, quiet areas for CYP waiting review/assessment, flexibility with appointment times.

Further work is being carried out on hospital passports, staff training, appropriate equipment etc.



Queen Elizabeth



Lead Clinician: Barbara Piel

Lead Surgeon: Mr Zach

Lead Anaesthetist: Victoria Howell

Lead Nurse: Laura Morgan

Ward manager Rudham: Becki Jackson

Paediatric Lead DSU: Chris Harrison

Last 12 Months – achievements & Challenges:

The focus has remained on addressing the backlog of patients despite the challenges we have faced with the RACC work and significant nursing vacancy. We have made huge steps in the recovery plan by ensuring we work closely as an MDT across all areas of our hospital including Main Theatres, Rudham Ward & the Day Surgery Unit. Over the past 12 months we have opened our new dedicated paediatric recovery area in main theatres as well as ensured all of our team in main recovery attend the xx study day to ensure they are competent at caring for C&YP post operatively.

Within the DSU, we have installed ceiling lights to make the area more child friendly and give a more relaxed atmosphere.

Planned Developments in the next 12 months:

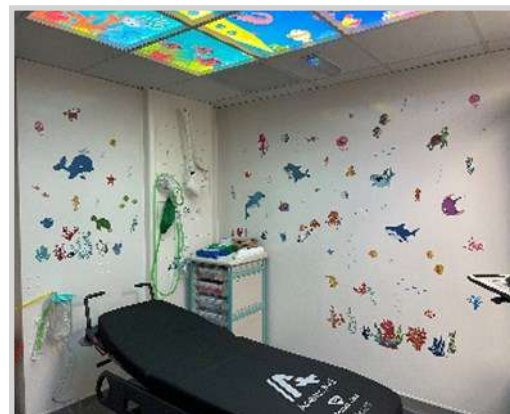
Over the past few months, we have had huge successes with our recruitment, and we are now able to start a paediatric rotation, this will allow all our FPQ to spend a minimum of 6 months across DSU and main recovery. Not only does this future proof our service, but it also allows our nursing team to gain valuable skills that will be beneficial when looking after C&YP across all areas of paediatrics.

Victoria Howell has now stepped into the role of Chair of our Children's Surgical Committee, and this now feeds into our newly launched Children & Young Persons Committee. With this now in place, over the coming months we are looking forward to seeing more steps at tackling our paediatric waiting lists.

What are we Proud of:

As a small DGH we are incredibly proud of the facilities we have been able to provide for our C&YP and that we are able to protect these areas for the use of C&YP only. We can provide most of our elective surgery within the dedicated DSU space and this is a credit to the small team of paediatric nurses that work there as well as ensure 100% of our children have a pre-op assessment by a dedicated paediatric pre-op assessment nurse.

This year has seen the launch of Little Journey, a health modification tool designed to help reduced anxiety before healthcare procedure through the availability of an easily accessible smartphone app. This has been widely used by C&YP that attend our hospital and has been a huge success.



Queen Elizabeth

Peer Review:

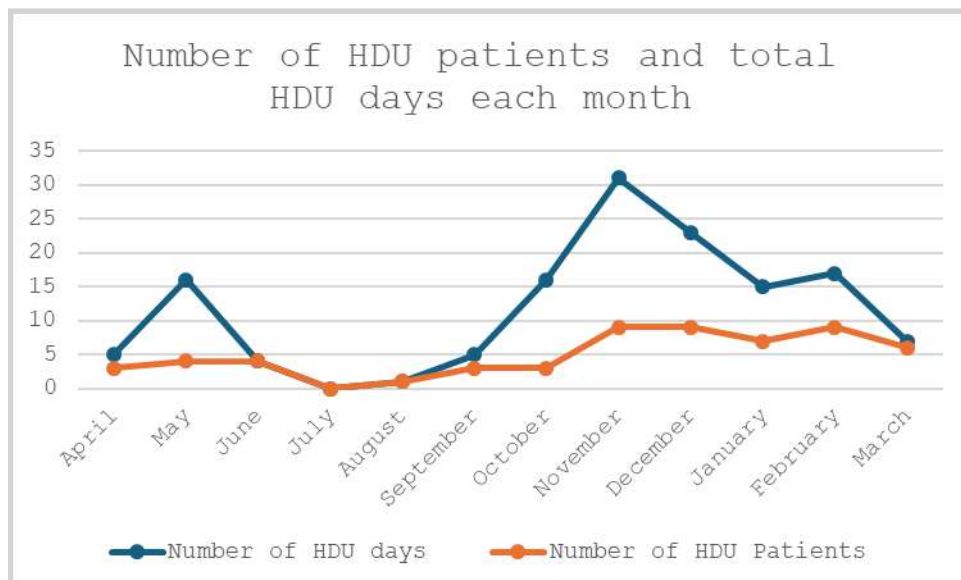
In February the Surgery in Children ODN team visited for our peer review. This was a useful process and gave us an opportunity to highlight our achievements as well as review areas that we need to focus on. We were delighted to show the team around our facilities including the Roxburgh Children's Centre, Rudham ward, Paediatric ED, our paediatric facilities in DSU and our new paediatric recovery area. The helpful recommendations from the team will help to guide our progress over the short and long term as we look towards developing paediatric facilities in the new hospital.



HDU:

Over the past 12 months we have cared for a total of 58 HDU patients, totalling 140 days. Our highest acuity month was November with a total of 31 days of caring for HDU patients, and the lowest month being July which saw no HDU patients admitted with us. From the ward we have had a total of 4, Level 3 PANDR retrievals.

76% of the HDU patients admitted were cared for at Level 1, and 24% of those were cared for at Level 2, with 4 of those patients going on to require Level 3 support and retrieval.



Lead Clinician: Amit Gite

Matron: Becky Brinkley

New & Proud:

- Asthma role with ICB started June 2024
- New DDoN CYP - ENHT commitment to CYP, New Matron Fran and New team leads in CED.
- CED front door project - includes new accessibility W/C, 2nd triage room and separate front door to be completed within this financial year
- Jaundice pathway for <10 days back to maternity been agreed - working through safety, ops and comms.
- UTC opening for paed/adults on site at Lister- minor injuries only while transition and upskilling of staff to stream and receive from paed to adults.
- PANDR training day Sept 2024
- Paed rotation and paed specific induction in place = great feedback
- New paed ventilators in place
- Phoenix room opened for LD/palliative care
- SEND working group - in partnership with a parent leading change improvements through every aspect of patient/family journey includes health care passports, parent voice at board, part of recruitment and training of staff, digitalisation to optimise communication and consistency in care delivered.
- Roald Dahl nurses Eleanor and Grace - delivering outstanding individualised care to BCYP and families/carers
- Head of Nursing meetings-initiated July 2024 with Deputy Chief Nurse - includes West Herts and PAH.

Future & Vision

- Bluebell decant plans started - new reconfigured space lead by paed in prep for new build.
- Development eating disorder pathways and improve the quality/safety of MH care delivered to patients
- POSCUE level A - continuing to aspire to achieve this.
- ACP staffing development and workforce model.

Future & Vision

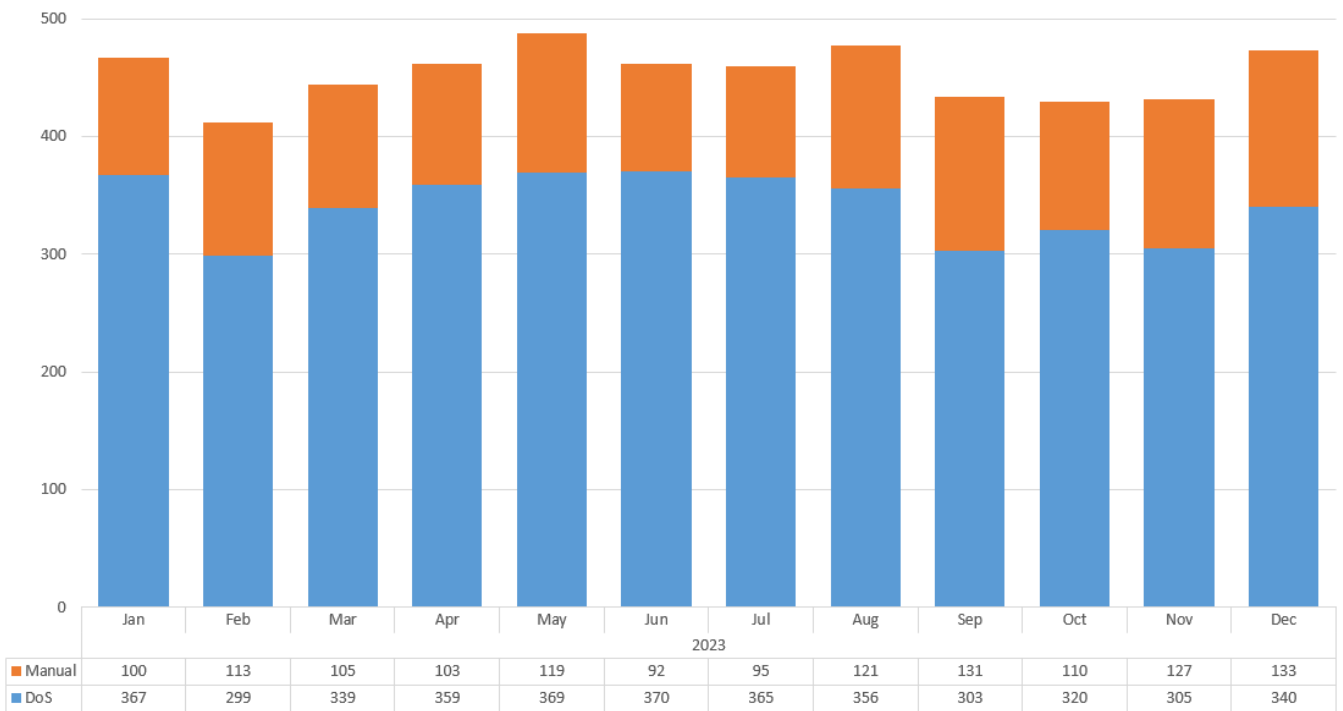
- Bluebell decant plans started - new reconfigured space lead by paed in prep for new build.
- Development eating disorder pathways and improve the quality/safety of MH care delivered to patients
- POSCUE level A - continuing to aspire to achieve this.
- ACP staffing development and workforce model.

Network Data

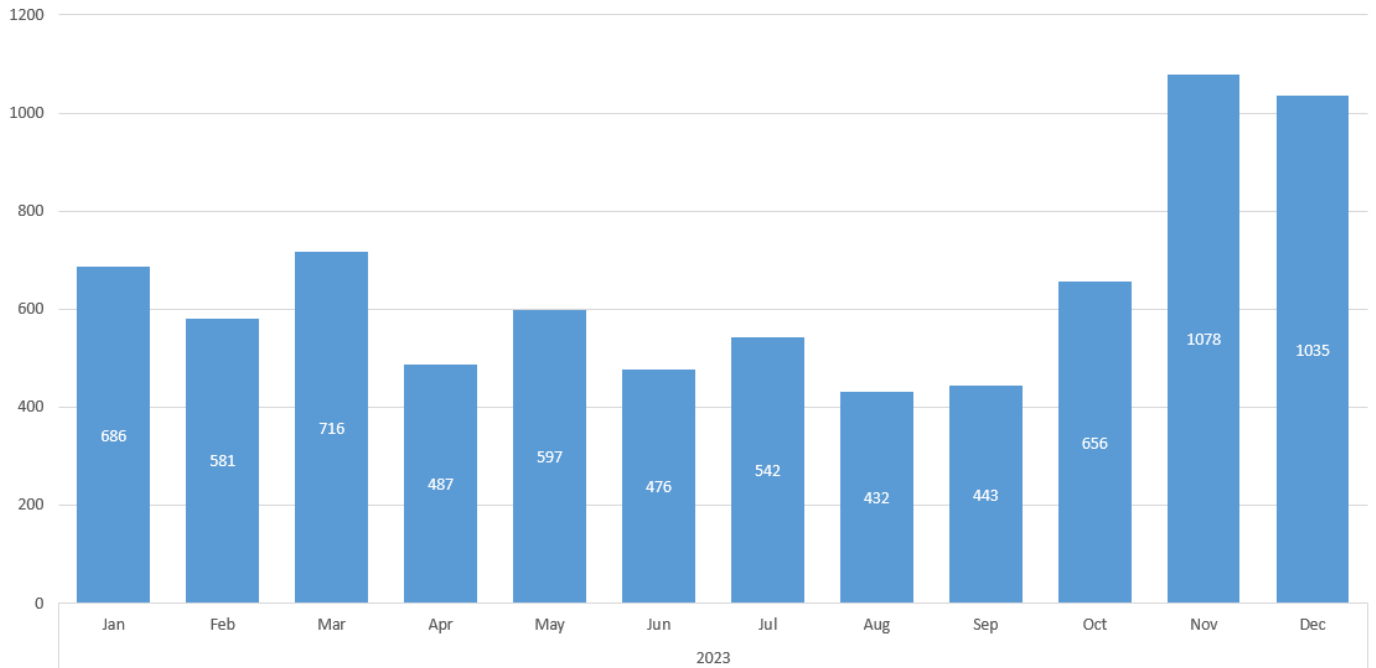


DGH DATA

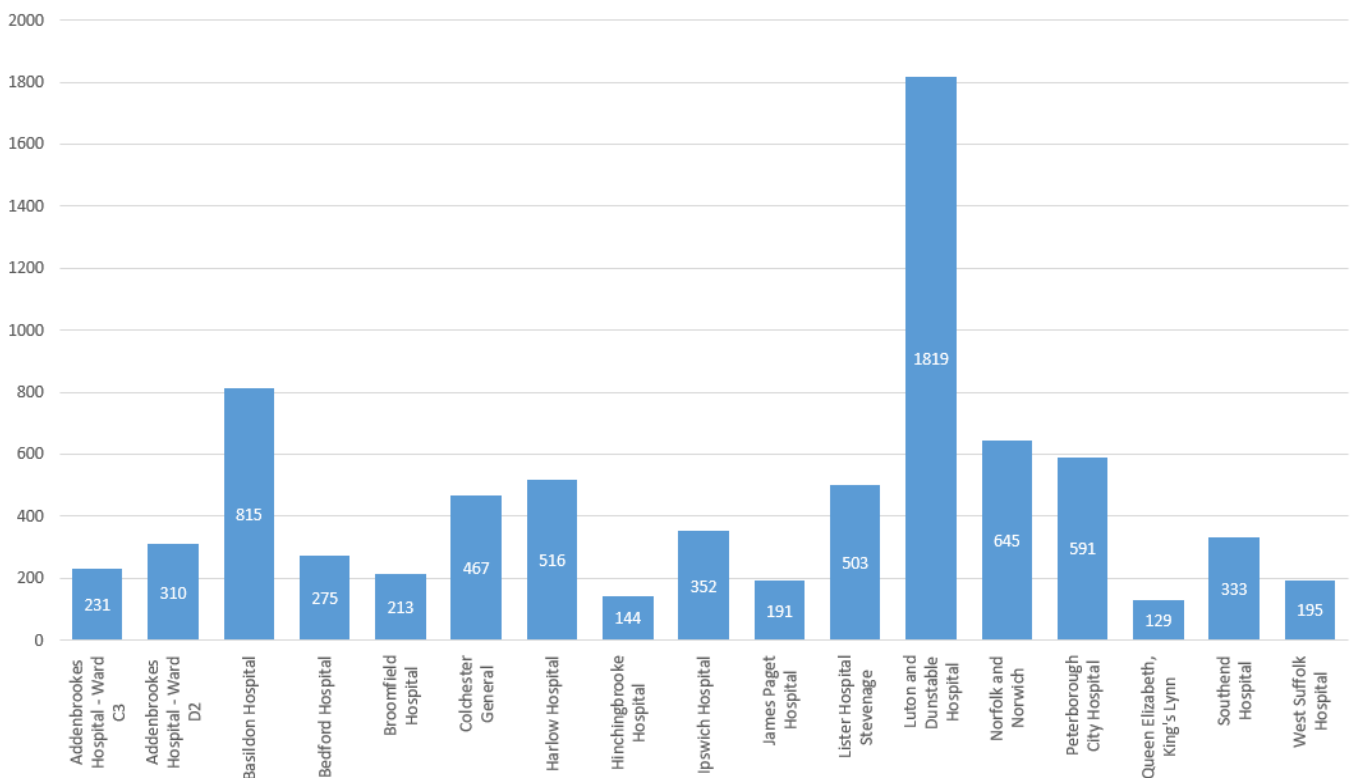
TOTAL NUMBER OF DAILY SIT REP FORMS RECEIVED BY MONTH 2023



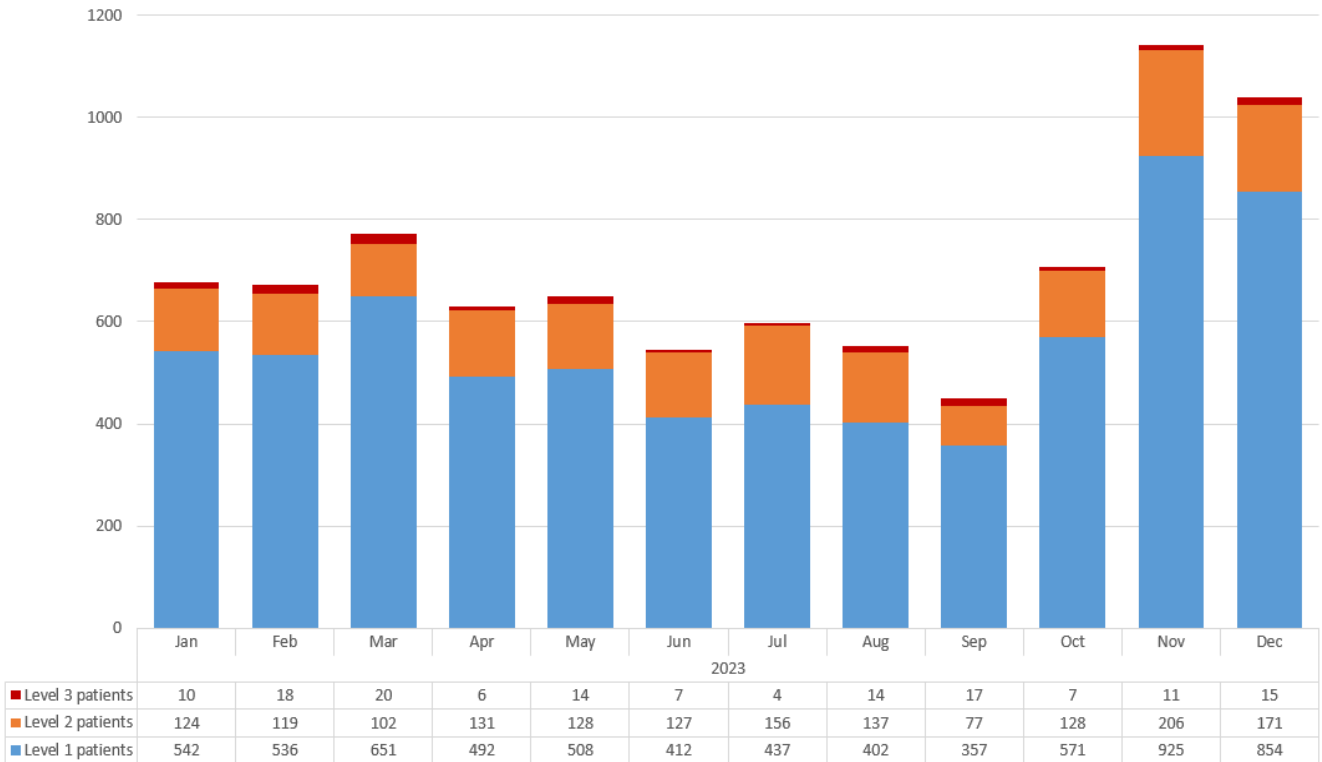
**TOTAL NUMBER OF CRITICAL CARE LEVEL DAYS - 2023
PREVIOUS 24 HOURS (MIDDAY-MIDDAY)**



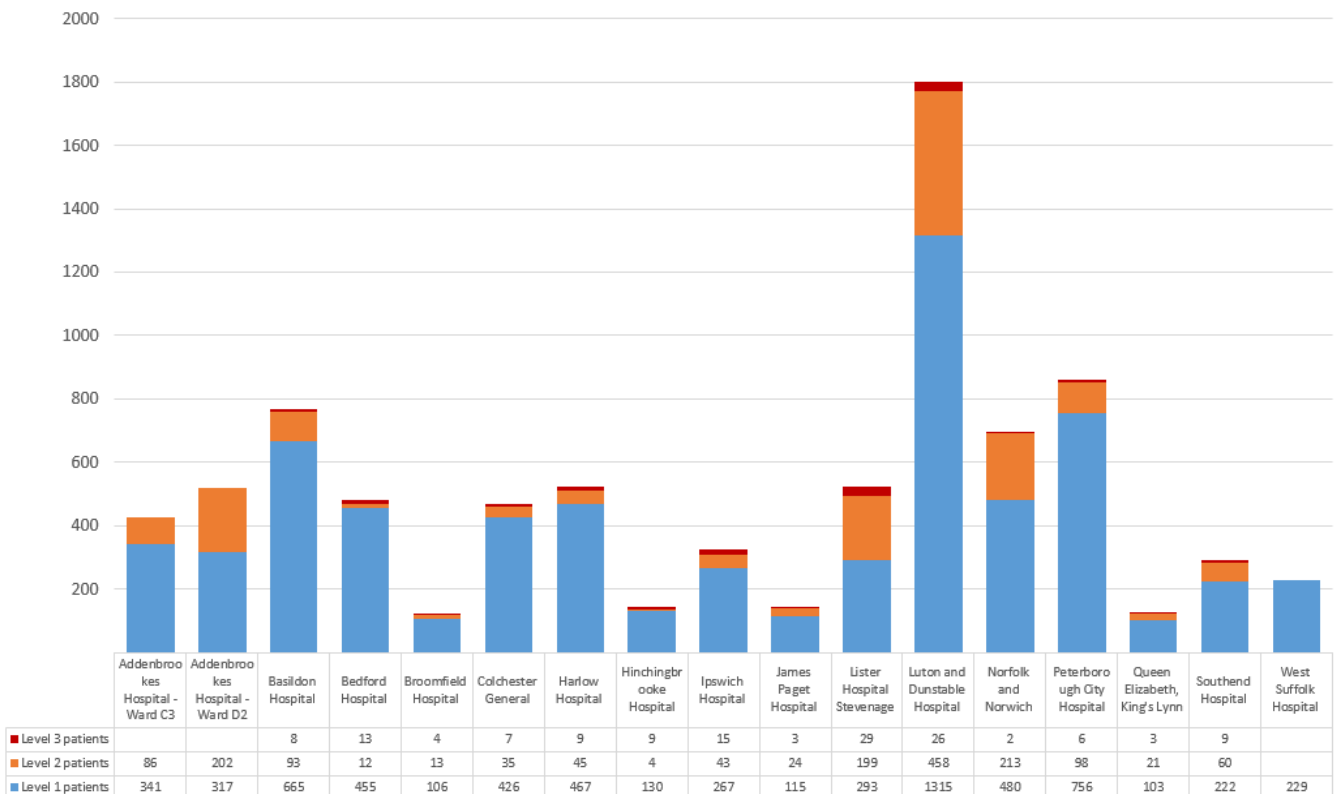
**NUMBER OF CRITICAL CARE LEVEL DAYS BY TRUST 2023
PREVIOUS 24 HOURS (MIDDAY-MIDDAY)**



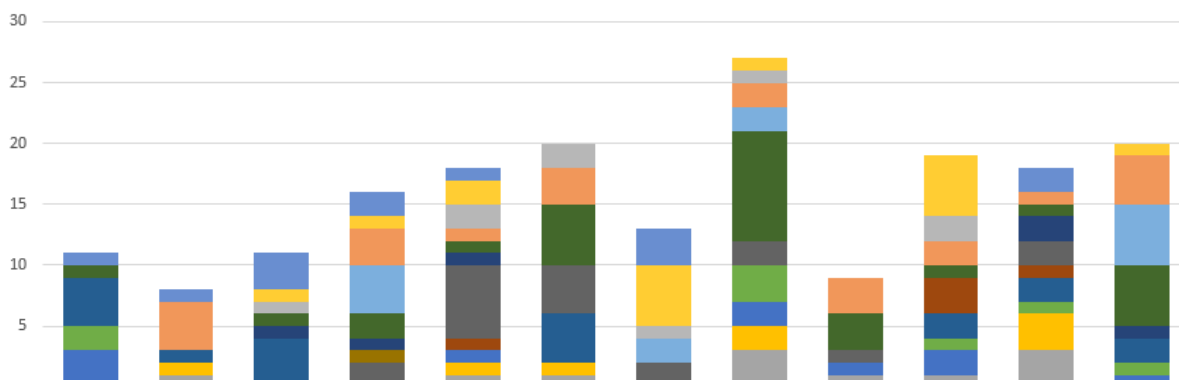
TOTAL NUMBER OF CARE LEVEL DAYS BY MONTHS - 2023



TOTAL NUMBER OF CARE LEVEL DAYS BY TRUSTS - 2023

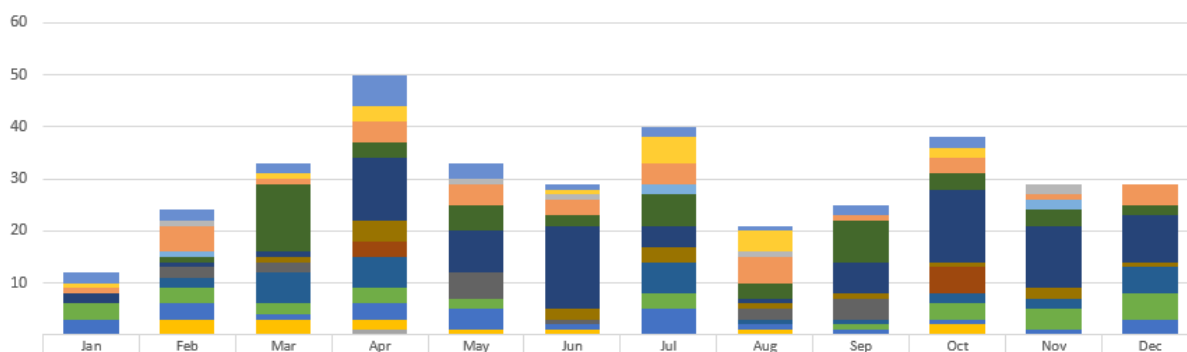


NUMBER OF REPATRIATIONS - 2023 PREVIOUS 24 HOURS (MIDDAY-MIDDAY)



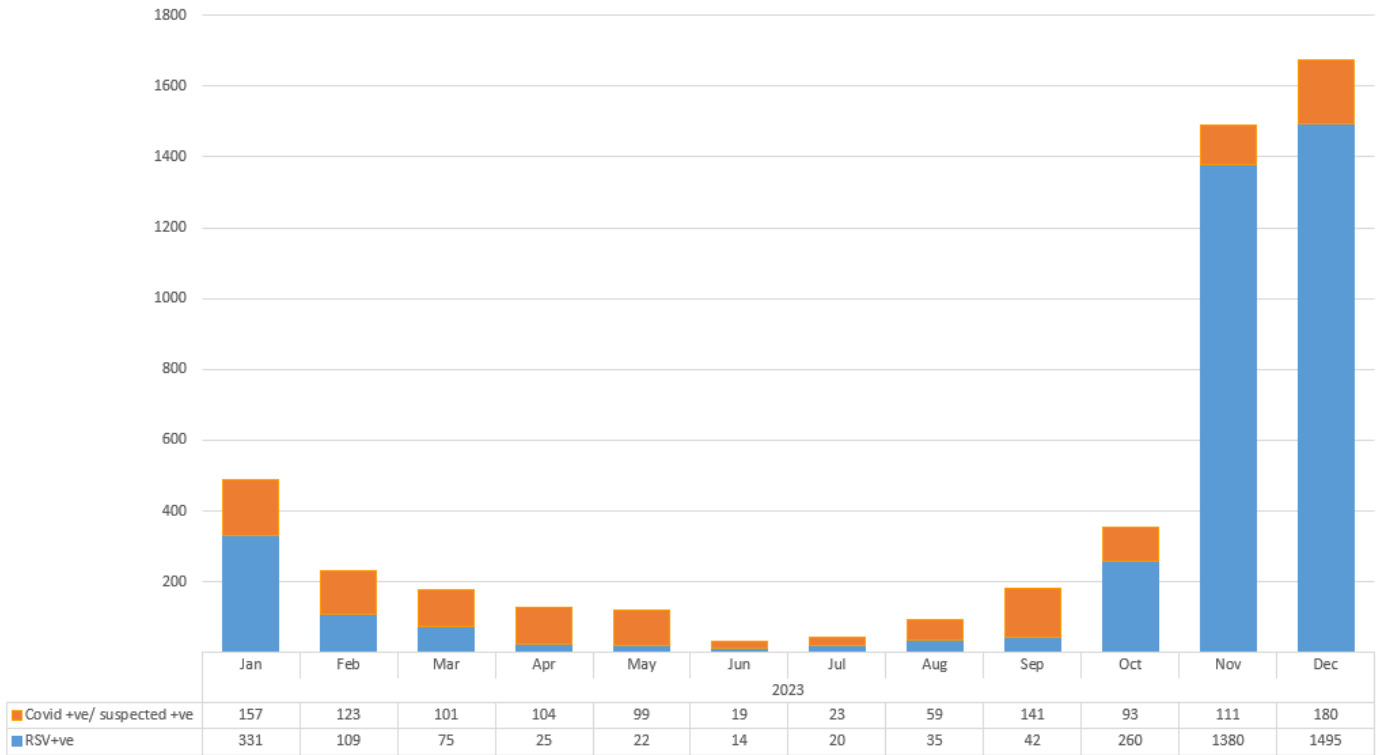
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2023												
West Suffolk Hospital	1	1	3	2	1		3				2	
Southend Hospital			1	1	2		5	1		5		1
Queen Elizabeth, King's Lynn			1		2	2	1	1		2		
Peterborough City Hospital		4		3	1	3		2	3	2	1	4
Norfolk and Norwich				4			2	2				5
Luton and Dunstable Hospital	1		1	2	1	5		9	3	1	1	5
Lister Hospital Stevenage			1	1	1						2	1
James Paget Hospital				1								
Ipswich Hospital				2	6	4	2	2	1		2	
Hinchingbrooke Hospital					1					3	1	
Harlow Hospital	4	1	4			4				2	2	2
Colchester General	2							3		1	1	1
Broomfield Hospital	3				1			2	1	2		1
Bedford Hospital		1			1	1		2			3	
Basildon Hospital		1			1	1		3	1	1	3	
Addenbrookes Hospital - Ward D2												
Addenbrookes Hospital - Ward C3												

NUMBER OF TIME-CRITICAL TRANSFERS - 2023 PREVIOUS 24 HOURS (MIDDAY-MIDDAY)

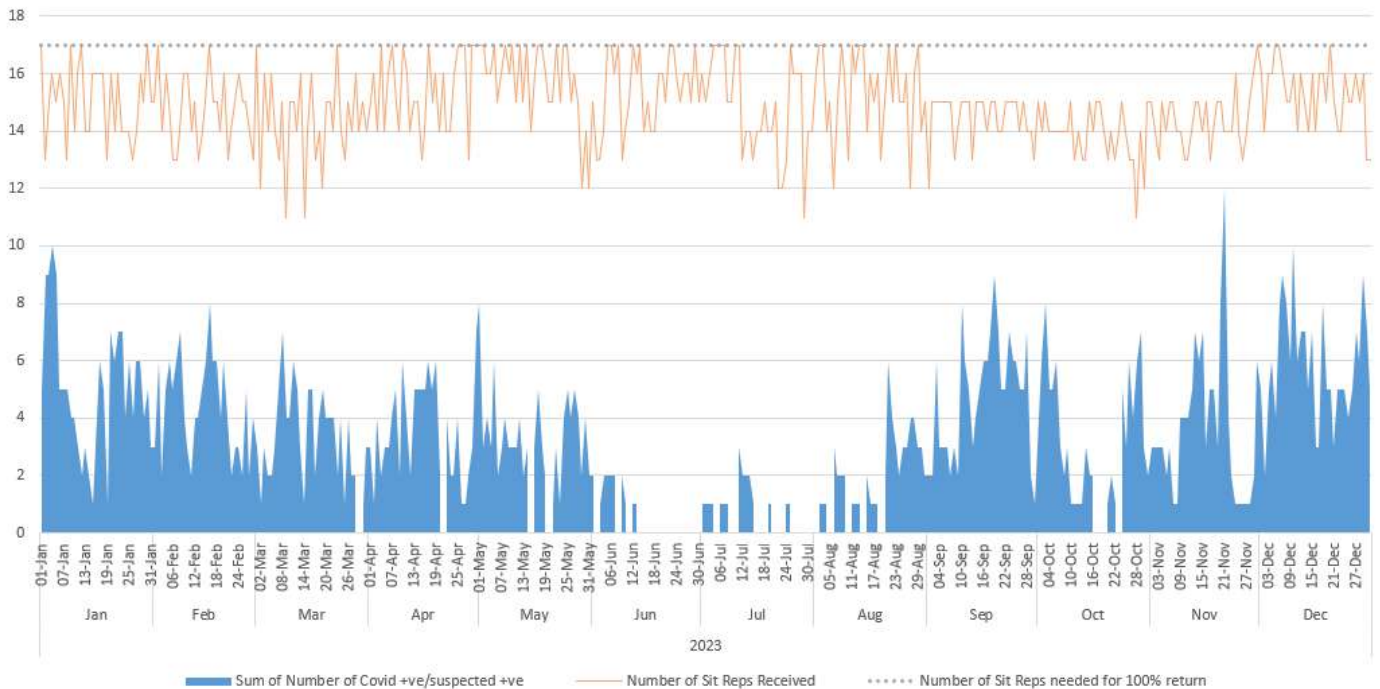


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2023												
West Suffolk Hospital	2	2	2	6	3	1	2	1	2	2		
Southend Hospital	1		1	3		1	5	4		2		
Queen Elizabeth, King's Lynn		1			1	1		1			2	
Peterborough City Hospital	1	5	1	4	4	3	4	5	1	3	1	4
Norfolk and Norwich		1					2				2	
Luton and Dunstable Hospital		1	13	3	5	2	6	3	8	3	3	2
Lister Hospital Stevenage	2	1	1	12	8	16	4	1	6	14	12	9
James Paget Hospital			1	4		2	3	1	1	1	2	1
Ipswich Hospital		2	2		5	1		2	4			
Hinchingbrooke Hospital				3						5		
Harlow Hospital		2	6	6			6	1	1	2	2	5
Colchester General	3	3	2	3	2		3		1	3	4	5
Broomfield Hospital	3	3	1	3	4	1	5	1	1	1	1	3
Bedford Hospital		3	3	2	1	1		1		2		
Basildon Hospital				1								
Addenbrookes Hospital - Ward D2												
Addenbrookes Hospital - Ward C3												

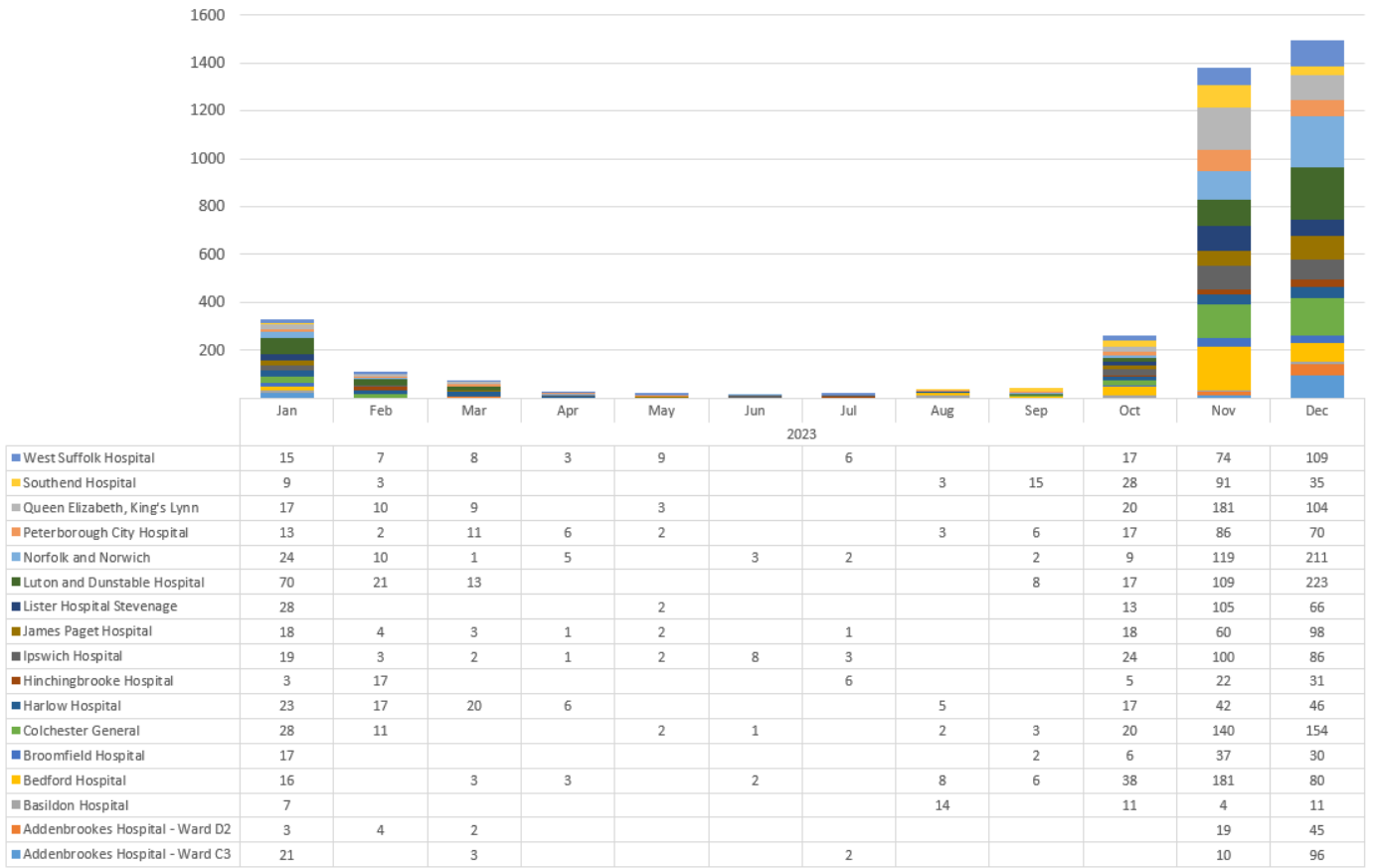
NUMBER OF RSV+VE - COVID +VE/SUSPECTED +VE - 2023



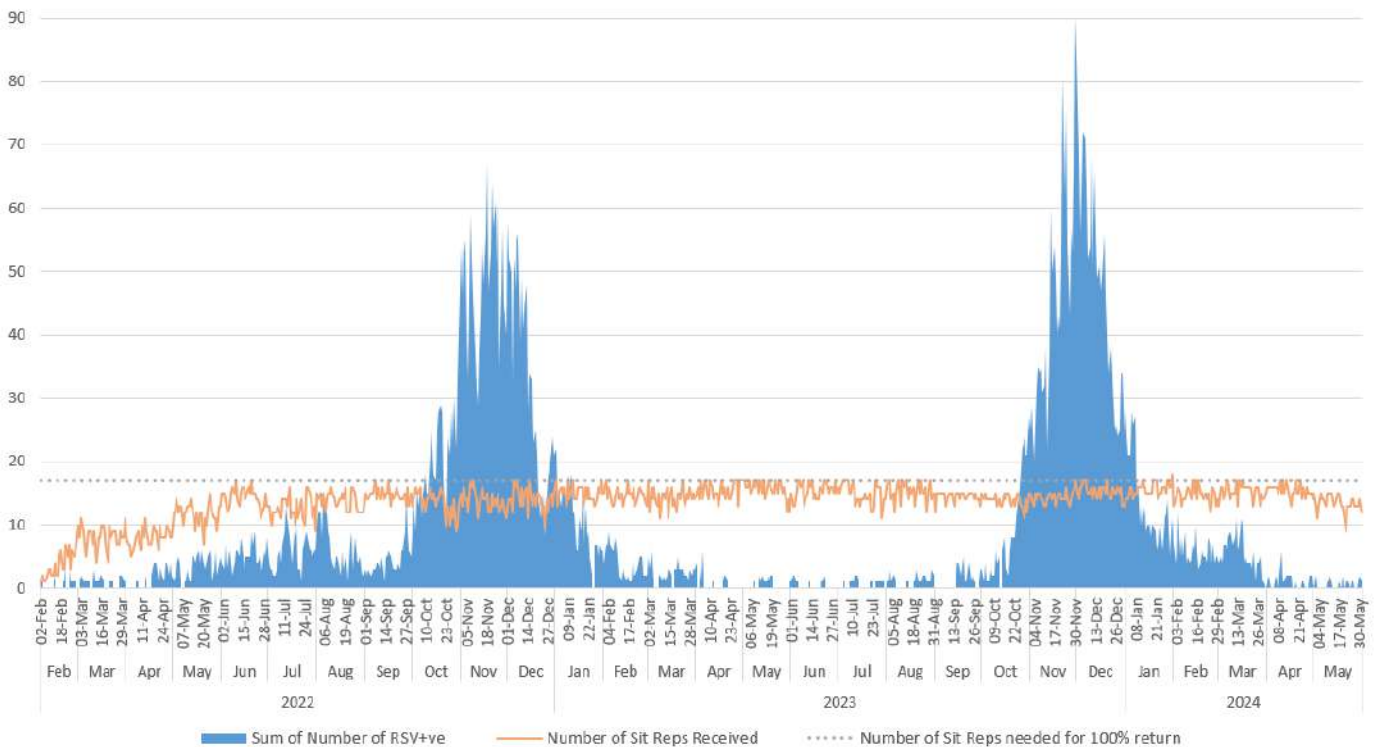
NUMBER OF COVID +VE/SUSPECTED +VE PATIENT DAYS - 2023



NUMBER OF RSV+VE BY TRUST- 2023

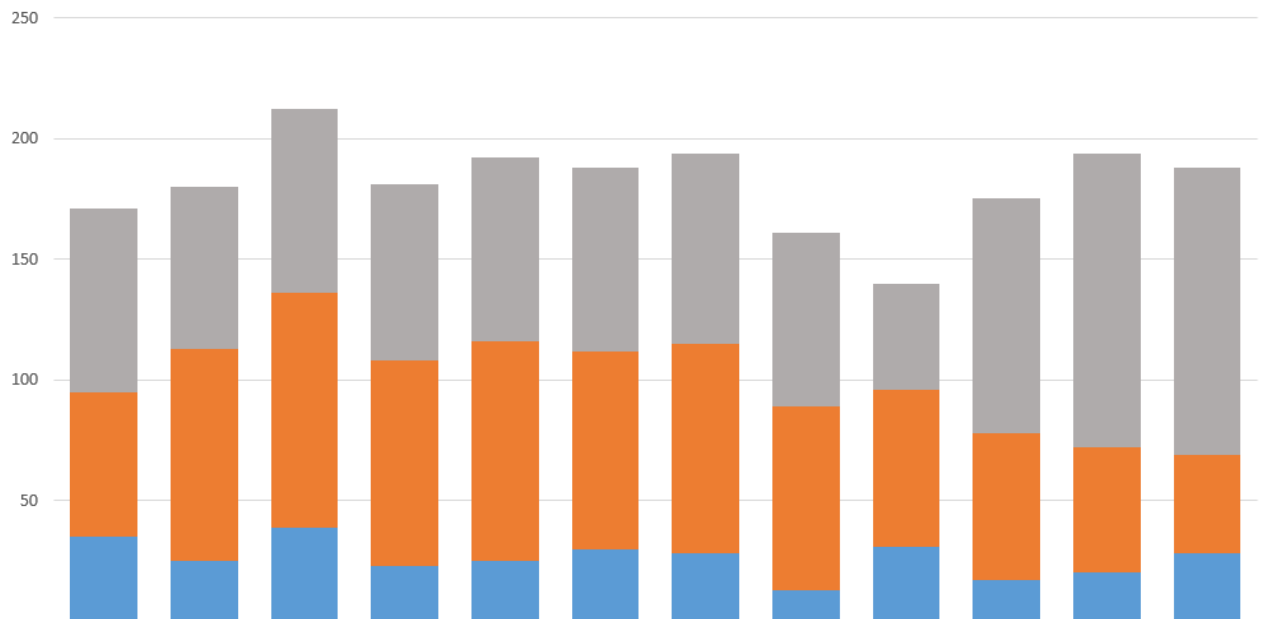


NUMBER OF RSV+VE PATIENT DAYS - FEBRUARY 2022 TO MAY 2024



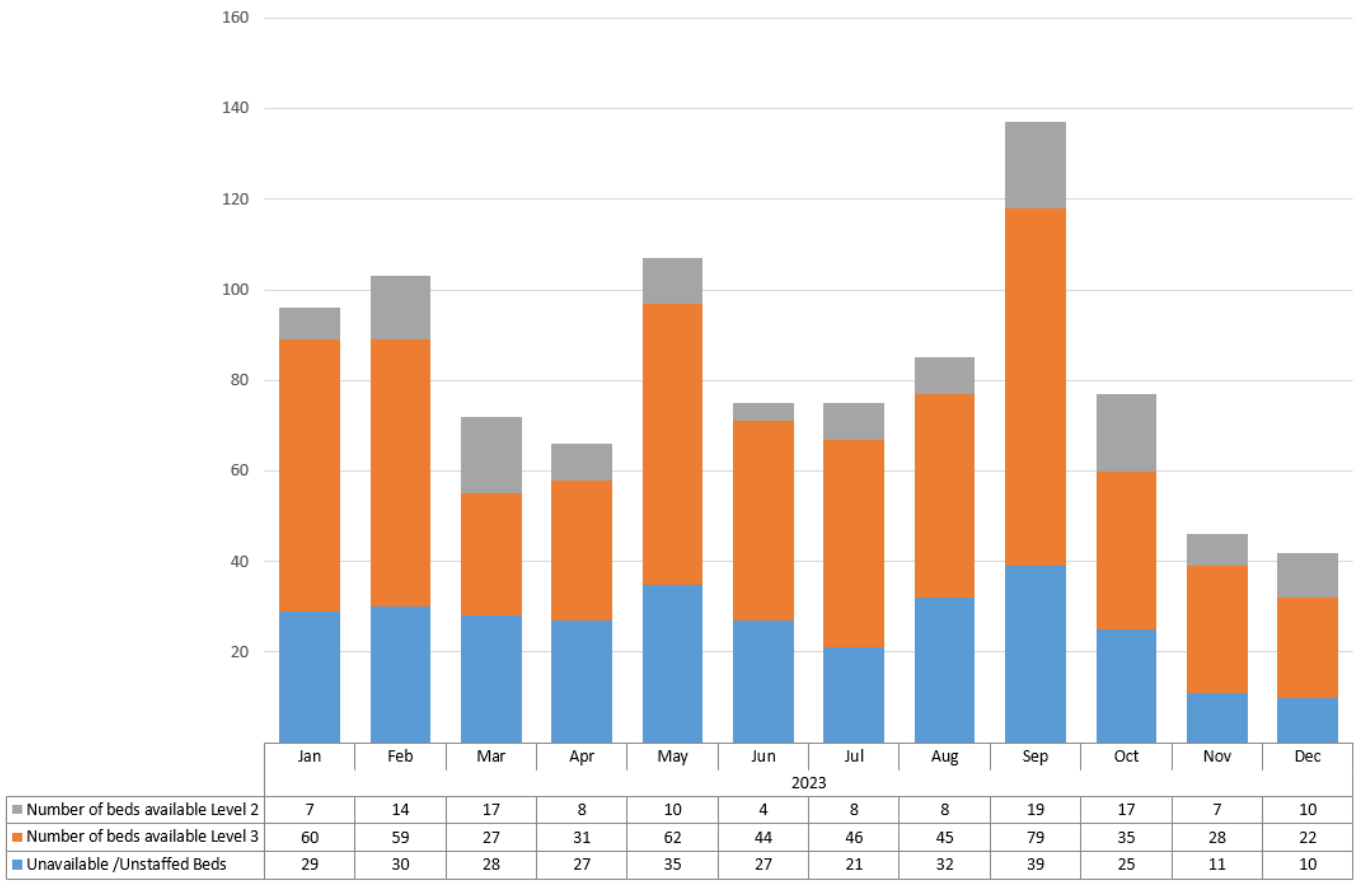
PICU DATA

NUMBER OF LEVEL 1, LEVEL 2 & LEVEL 3 CARE DAYS PER MONTH - 2023

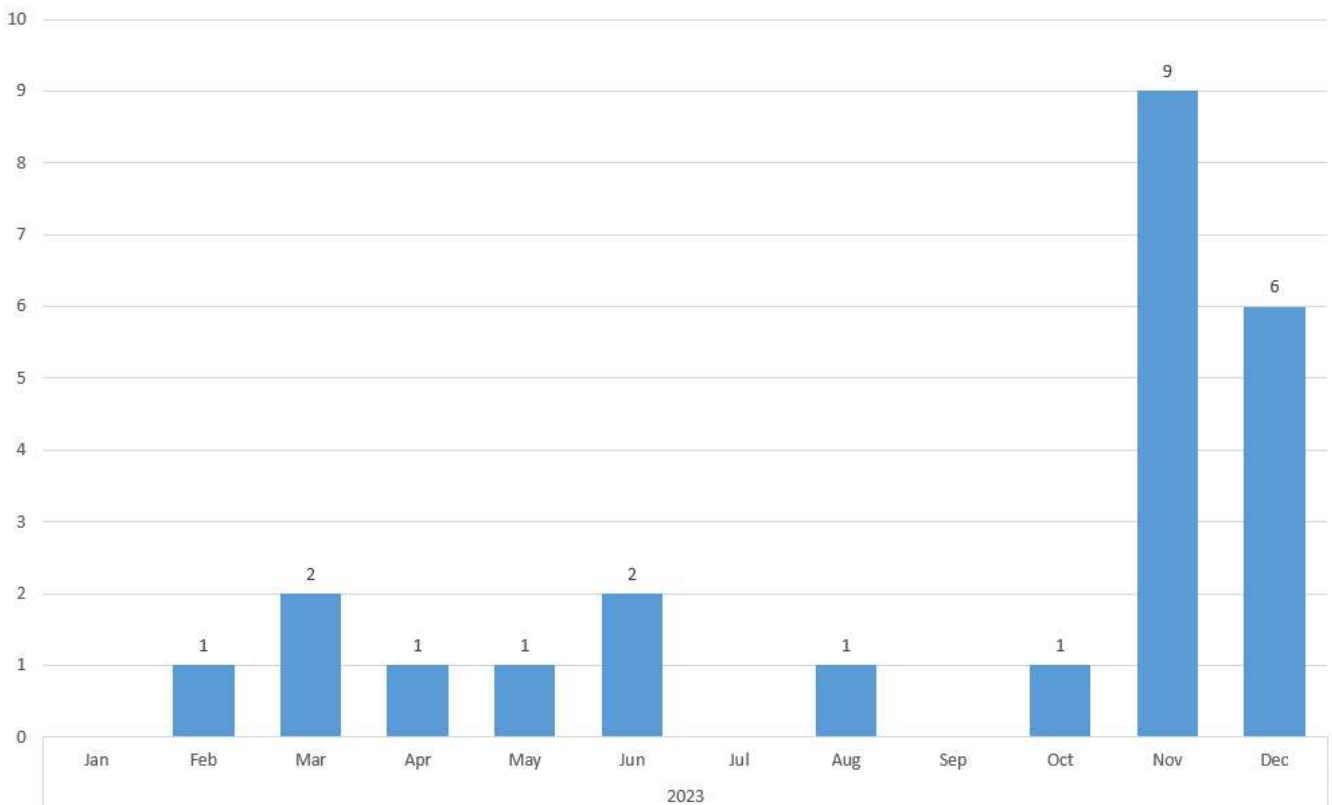


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2023											
Level 3 Patients	76	67	76	73	76	76	79	72	44	97	122	119
Level 2 Patients	60	88	97	85	91	82	87	76	65	61	52	41
Level 1 Patients	35	25	39	23	25	30	28	13	31	17	20	28

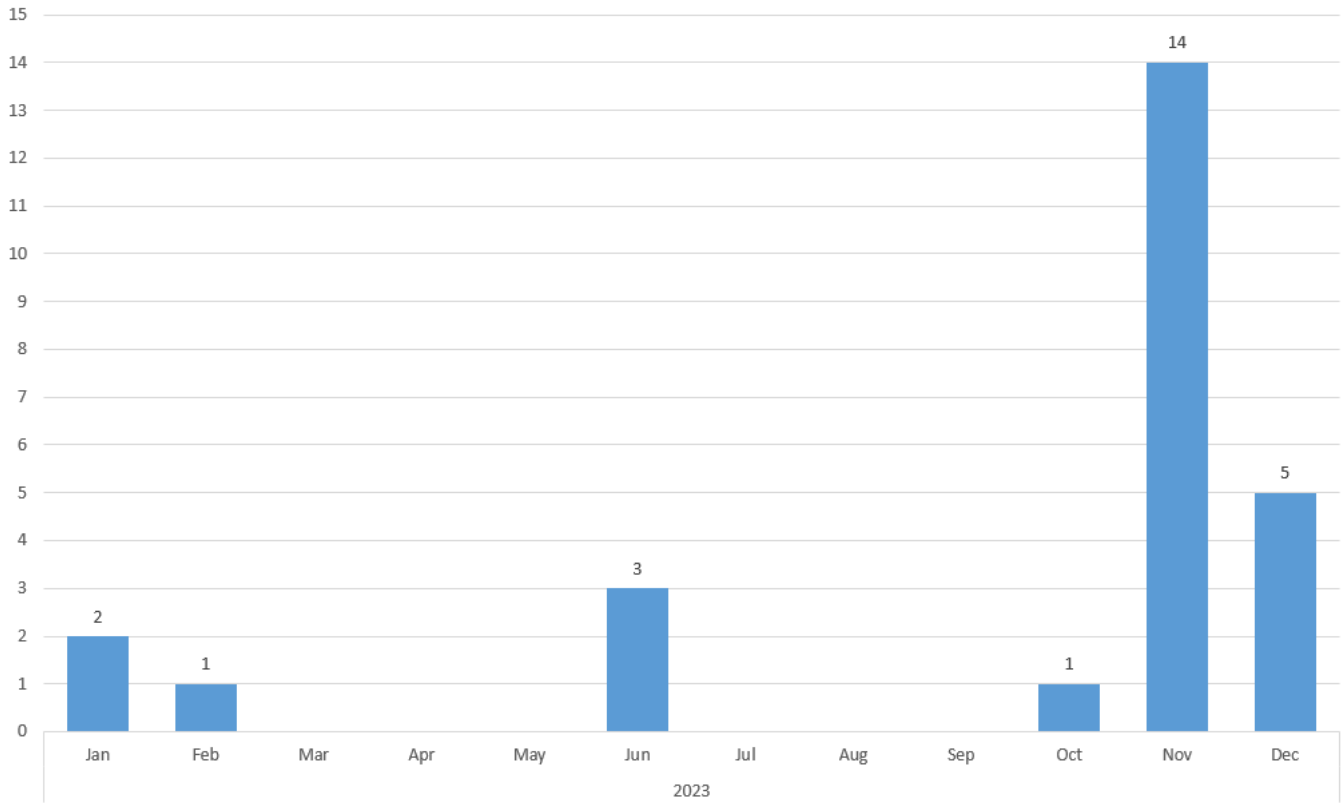
NUMBER OF LEVEL 2 & LEVEL 3 BED AVAILABLE AND UNAVAILABLE/UNSTAFFED BEDS BY MONTHS 2023



NUMBER OF REFUSALS BY MONTHS 2023



NUMBER OF CANCELLED ELECTIVES BY MONTHS 2023



DISCHARGE/REPATRIATION DELAYED FOR NON-CLINICAL REASON BY MONTHS 2023

