

PIER REVIEW

Paediatric Innovation, Education and Research Network Newsletter

Issue 1 | March 2018

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Welcome to the first edition of the PIER Review Newsletter - A showcase of everything interesting happening through PIER

PIER is about the people who are part of it. It is all inclusive. It is for anyone who wants to improve the health care we deliver for children and young people. We need your enthusiasm and innovation to help develop the ideas of the future. PIER is 'can do'. It is about helping to make things happen. So why not push against that door - it's open.

- Dr Gary Connett (PIER Clinical Lead)

Innovation & Improvement

The end of 2017 marked the end of the data collection period for the 'Improving Management of Prolonged Seizures in Wessex' QI project. This multi-professional year-long, prospective quality improvement project launched regionally in December 2016. The aim was to improve morbidity and mortality of paediatric patients with prolonged seizures in the region as measured by:

Time to seizure termination

Proportion intubated and ventilated or admitted to level 3 care

A secondary aim was to reduce the number of patients with evidence of respiratory, haemodynamic or metabolic compromise.

Local run charts were produced and centres were encouraged to consider how to best achieve improvements, the aim was to share good practice. After some initial data collection a focus on 'thinking ahead' to the next step of the treatment algorithm in order to help reduce medication or escalation delays was implemented via modification of the SORT guideline.

Over the 13 month data collection period, 137 cases were submitted. The distribution of cases submitted varied with time and location so while it unlikely to be a true representation of total prolonged seizures in Wessex, it provides some insight into management. Median duration of seizures was 30 minutes, with a range of 5-180 minutes. Please let us know how locally you are planning to look at how you continue to improve outcomes for this patient group via qiprolongedseizures@gmail.com.

At the end of this period of data collection, we would like to thank everyone involved so far, especially the teams at each hospital in the region.



The Wessex Paediatric Nurse Preceptorship Programme is the first regionally delivered preceptorship programme for paediatric Newly Qualified Nurses (NQNs) in the UK. It aims to utilise the expertise within Wessex to standardise and deliver high quality training and education to all paediatric NQNs in Wessex.

A pilot of the programme is currently being delivered and includes 18 NQNs from across the region. The pilot is due to complete in October and is anticipated to replace all paediatric nurse preceptorship education from November.

www.piemetwork.org/paediatric-preceptorship



GAPRUKI was established in July 2016 to foster collaborative multi-centre research in General and Adolescent Paediatric Units in the UK and Republic Of Ireland (ROI).

The focus of GAPRUKI is to support recruitment of patients in general paediatric studies from general paediatric departments; support local busy clinicians with research governance and project delivery; develop and direct research studies and grant applications and also nurture general paediatric trainees - the Generalists of the future.

We are looking for General Paediatricians around the UK and Ireland to represent each region and hopefully most of the hospitals - so we can focus our work on the common issues and have a generalisable study base.

The current chairs are Dr Colin Powell and Professor Alastair Sutcliffe. Katrina Cathie based at UHS is the vice-chair. Please do have a look at the website and consider joining, if you want more information contact katrina.cathie@uhs.nhs.uk

For more information, visit www.gapruki.org.uk

Education

16th March 2018

Stabilisation of the Critically Ill Child (UHS)

19th March 2018

Paediatric Critical Care Nursing Competencies Training Day (Wexham Park Hospital)

26th March 2018

Simulation Faculty Development Course (UHS)

5th April 2018

Paediatric Critical Care Nursing Competencies Training Day (UHS)

30th April 2018

Managing Mental Health in Paediatric for Paediatric Trainees

3rd May 2018

Paediatric Oncology Advanced Study Day

Book your places at www.piemetwork.org/education

Improving Care for Acutely Disturbed Children

As part of a HEEW QI fellowship improving care for acutely disturbed children and young people a number of hugely successful initiatives were piloted. These include:

The Acute Behavioural Disturbance study day, for multidisciplinary members of the CAMHS, Paediatrics and ED teams. With successful bid for further funding these will be run three times a year, rotating between different hospitals around the region. We intend to run the first course this year in Basingstoke in the late spring, and the second in Southampton in August.

Mental Health Law workshop, for registrars and consultants in Paediatrics and ED, which will run twice a year. The first workshops this year will take place on the 4th July at UHS, with both morning and afternoon sessions.

A regional guideline for rapid tranquillisation is also nearing completion.

Please keep an eye on the PIER website for dates and booking details for both courses.

In the last year, we have also instituted six-monthly multidisciplinary debriefs about recent complex CAMHS patients at both UHS and QAH. These are attended by members of the Paediatrics, CAMHS and ED teams. Lastly, we have begun to implement the Thinking Together programme, which pairs CAMHS and Paediatrics trainees to exchange educational opportunities. We plan to expand this to more trusts in the next year.

For more information, contact katyacertic@yahoo.co.uk



The Child Health Information & Leaflet Directory (CHILD) was created by Dr Seb Grey as part of a Quality Improvement fellowship to allow easy access to up to date resources for clinicians, patients and families. It provides categorised links to a wide range of conditions, procedures and problems from local, national and international sources, all of which can be easily accessed and downloaded for use in clinical care.

The directory is ever expanding and updating. If you have a resource which you think should be included, please let us know.

Find out more at www.pienetwork.org/CHILD

Who are the PIER leads for your Trust?

Hampshire Hospitals

Dr Fiona McHugh & Lorraine Major

Salisbury

Dr Sebastian Gray & Fran Demain-Griffiths

Southampton

Dr Kate Pryde & Caroline Anderson

Dorchester

Dr Will Verling & Joanne Cleall

Poole

Dr Madhavi Velpula

Portsmouth

Dr Sophie Robertson & Tracey Thomas

Chichester

Dr Katie Walker & Sue Nicholls

Isle of Wight

Dr Chris Maguire

Solent

Dr Catherine Tuffrey & Stephanie Clark/Jacqui Scrace



Thames Valley & Wessex

Paediatric Critical Care
Nursing Competencies

Thames Valley & Wessex
Paediatric Critical Care Network

PIER

There is national recognition that all hospitals admitting children should be able to provide a level 1 standard of critical care, with the aim being to provide this as close to home as possible. Recent studies have highlighted that many emergency admissions to PICU could be avoided if deteriorating children were recognised and escalated sooner.

The Paediatric Critical Care Network and PIER have established a competency based programme for paediatric nurses to address these issues using the framework from the Time To Move On document from the RCPCH (2014). This programme takes the form of a two day study day followed by completion of a competency document in their local department.

Initial pilots of the programme have received excellent feedback, and the programme is now being rolled out throughout Wessex and the Thames Valley.

For more information, visit www.pienetwork.org/pccnc

PIER 2018 CONFERENCE

Grand Harbour Hotel, Southampton
15th & 16th October 2018

We are really excited to announce, that this year the PIER Conference is being held over 2 days to allow us to showcase more of the fantastic work being done in Wessex & Thames Valley. We hope you'll join us for an exciting programme of speakers, workshops and special guests at the beautiful Grand Harbour Hotel. Tickets will be available soon...

www.pienetwork.org/pier2018