

## Y&H Paediatric Critical Care Operational Delivery Network



### Education Plan for 2019

Following a review of the 2018 education programme by the PCCODN Core Team we have made a number of changes to the programme this year.

#### Nurse Education

Elaine Eckersley our network educator has reduced her working hours to 3 days a week from 1<sup>st</sup> April 2019. We have appointed a new full time educator Gemma Bradley who will start on 7<sup>th</sup> May 2019.

Due to the National PIC Review, our findings from our Service Evaluation work and ongoing work around the skills passport and nurse competencies for paediatric critical care, we thought we should review our current provision of nurse education.

Elaine's role will now focus on nurse education based around level 1 critical care competencies. Over the last few months she has been visiting teams around the region to discuss competencies and the nurse's skills passport. After much discussion and reflection on our previous work we felt that a regional programme focussed on level 1 paediatric critical care competencies within the skills passport would be the best way forward. We have therefore developed a regional nurse education programme. The aims /objectives of the day are:

1. A Systematic "paediatric approach " to caring for the critically ill child
2. Recognition of the deteriorating child
3. Identify when to escalate care and use of SBAR
4. Identify use of appropriate clinical interventions to manage critically ill child

The programme for the day is attached for reference. It was agreed that a standardised approach to this training would enable nursing staff to add this day to their passport and ensure consistency if they were to move to different hospitals within the region. This has been communicated to all the paediatric Matrons/ ward managers across the region. There will be five days this year with approximately 25 places on each day. We will evaluate the days throughout the year.

The dates are listed below.

25th June Don Valley House Sheffield

17th July Don Valley House Sheffield

1st August Leeds Children's Hospital

21st October Sheffield Children's Hospital

11th November Leeds Children's hospital

Karen Perring Lead Nurse Y&H PCCODN April 2019

To book a place on these days please contact Elaine Eckersley – [Elaine.Eckersley@sch.nhs.uk](mailto:Elaine.Eckersley@sch.nhs.uk)

Gemma Bradley will focus on education and training for ED nurses around the region. This is in response to the ODN receiving an increase in requests for this. She will also facilitate the regional PReS days. More specific education requests around a particular training need such as high flow / CPAP / Sepsis etc will continue to be provided via half day sessions delivered locally, when possible. This can be arranged by contacting Gemma and Elaine.

#### Multi-professional education

The PReS (Paediatric Resuscitation and Stabilisation) day programme has been extremely successful over the last 5 years however last year we saw an increasing number of cancellations due to difficulty in attendance with correct skill mix of staff. After reviewing the evaluations and training numbers the decision was taken to try running Regional PReS days this year and to divide the hospitals into groups in order to improve the chances of the correct attendance and skill mix. The programme has been updated to include 4 simulations and a question and answer session at the end of the day. Programme attached below.

The dates for this training are listed below and places can be booked by contacting Gemma after the 7<sup>th</sup> May – [gemma.bradley@nhs.net](mailto:gemma.bradley@nhs.net)

Regional PReS day - Hull Royal Infirmary Sim Centre **26th June 2019 (Hull, York and Scarborough)**

Regional PReS day - Calderdale Royal Infirmary Education Centre **10th July 2019 (Airedale, Bradford and Calderdale)**

Regional PReS day - Scunthorpe General Hospital Education Centre **15th July 2019 (Doncaster, Scunthorpe and Grimsby)**

Regional PReS day- Harrogate District Hospital Education Centre **5th September 2019 (Harrogate, Leeds and Mid Yorks)**

Regional PReS day - Rotherham General Hospital Education Centre **14th October 2019 (Rotherham, Barnsley, Sheffield and Chesterfield)**

#### Clinical Forums

The ODN will continue to deliver 4 Clinical forums a year as part of the education programme. This year they are as follows

March 12<sup>th</sup> How to improve outcomes in cardiac arrest. Hatfeild Hall 9- 1 pm

June 7<sup>th</sup> Annual Conference Wetherby Racecourse

September 10<sup>th</sup> How to get the most out of Embrace Hatfeild Hall 9- 12:30

November 5<sup>th</sup> to be confirmed Hatfeild Hall 9-12:30

The Clinical Leads will also offer short teaching sessions at the local critical care group meetings they attend in DGH's.

Karen Perring Lead Nurse Y&H PCCODN April 2019

**Care of the Critically Ill Child Level 1 Study Day**  
Organised by the Y & H Paediatric Critical Care Operational Delivery Network

**Key aims /learning objectives:**

1. A Systematic "paediatric approach" to caring for the critically ill child
2. Recognition of the deteriorating child
3. Identify when to escalate care and use of SBAR
4. Identify use of appropriate clinical interventions to manage critically ill child

Time	Session/topic	Speaker/facilitator	Aims/ objectives
09:00 – 09:30	Introduction and objectives for the day		
09:30 – 11:00	Assessment and Management of the child's Airway and Breathing <ul style="list-style-type: none"> <li>• Assessment of airway and recognition of airway difficulty</li> <li>• Basic airway care and use of adjuncts</li> <li>• How to perform respiratory assessment</li> <li>• Signs of respiratory distress</li> <li>• Supportive therapies – high flow oxygen, CPAP</li> <li>• Preparation for intubation</li> <li>• Monitoring / observations</li> </ul>		Recognition of child in respiratory distress, able to identify appropriate clinical interventions. Can identify when to escalate care.
11:00 – 11:15	Break		
11:15 – 12:15	Assessment and management of cardiovascular system <ul style="list-style-type: none"> <li>• Assessment of circulation</li> <li>• Signs of shock</li> <li>• Management of child with circulatory collapse</li> <li>• Fluid management</li> <li>• ECG Monitoring</li> </ul>		Recognition of child in shock Recognition of life threatening arrhythmias Able to identify appropriate clinical interventions and when to escalate care.
12:15- 12:45	Lunch		
12:45 – 13:30	Assessment and management of child with reduced conscious Level <ul style="list-style-type: none"> <li>• Assessment of conscious level AVPU &amp; GCS</li> <li>• Signs of raised ICP</li> <li>• Management of child with reduced conscious level</li> </ul>		Recognition of deteriorating conscious level Able to identify appropriate clinical interventions to manage child and when to escalate care.
13:30- 14:00	Human Factors - communication		Communication SBAR Team working
14:00 – 14:15	Break		
14:15 – 15:45	Case Based Discussion		Consolidate theory from previous sessions by working from clinical case
15:45 – 16:00	Evaluation and close		

**Paediatric REsuscitation and Stabilisation Training Day (PREs)**  
Organised by the Yorkshire & Humber Paediatric Critical Care Operational Delivery Network

**Venue details  
Date & Time**

<b>Time</b>	<b>Session/topic</b>	<b>Speaker/ facilitator</b>	<b>Target participants</b>
09:00 – 09:30	Introduction and objectives for the day	Network Educator	Consultant/SAS/ST doctors: Anaesthesia and Emergency Medicine and Paediatrics  Advanced Care Practitioners  Staff nurses & HCAs: Emergency Medicine, Paediatrics  Operation Department Practitioners
09:30 – 10:00	Interactive lecture – Human Factors ( Control & communication )	Clinical Lead	
10:00 – 10:15	<b>Break</b>		
10:15 10:30	Simulation Environment familiarisation		
10:30 – 11:30	Simulation based training: Scenario 1	All Faculty	
11:30– 12:30	Simulation based training: Scenario 2	All Faculty	
12:30 – 13:30	<b>Lunch</b>		
13:30– 14:30	Simulation based training: Scenario 3	All Faculty	
14.30- 14:45	<b>Break</b>		
14:45 – 15:45	Simulation based training Scenario 4	All Faculty	
15:45 – 16:15	Q&A session	All Faculty	
16:15 16.30	Summary for the day & evaluations Close	All Faculty	

**Key aims /learning objectives:**

1. A Systematic approach to managing the critically ill child
2. Resuscitation: Principles of effective crisis resource management during resuscitation & stabilisation
3. Referral: How to optimise communication during referral for critical care