Respiratory Surge in Children: National Programme – update webinar

17th November 2021
## Webinar Agenda

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Agenda Item</th>
<th>Presented By</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Welcome and programme overview (10 mins)</td>
<td>Julie Combes</td>
<td>12:00</td>
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<tr>
<td>2.</td>
<td>Programme updates (10 mins)</td>
<td>Libby Thomas</td>
<td>12:10</td>
</tr>
<tr>
<td>3.</td>
<td>&quot;You asked, we did...&quot; - new resource and updated skills matrix (15 mins)</td>
<td>Francesca Wright, Laura Lowndes, Jennifer Broadbent, Timothy Hunt</td>
<td>12:20</td>
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<tr>
<td>4.</td>
<td>Q&amp;A and close (10 mins)</td>
<td>Lydia Lofton</td>
<td>12:35</td>
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</tbody>
</table>
Programme Overview

Julie Combes
National Picture

Two generic patterns are broadly persisting:

1. **N. West, London, York. & Humberside** – high initial peaks that have fallen back to lower level plateaus of continued significant activity.

2. **E. England, E & W Midlands, N. East, S. East, S. West** – peaked more slowly and are maintaining relatively high levels of activity.

Current RSV epidemiology

Data provided by UKHSA Joint Modelling Team, correct as of 10 November 2021

Note:
(a) Caution should be exercised with short-term interpretation of case rates due to historical week-to-week volatility
(b) Evidence of recent decline in cases in some regions may be observed, but this may be linked to breaks in the school term or pooled activity across the region.
Aims and Objectives

Aim:
To support the cross-skilling of the National NHS workforce to manage:
• Existing demand in children
• Potential future spikes in paediatric demand as a result of respiratory syncytial virus (RSV) and other respiratory illnesses in children
• Longer-term increasing paediatric acuity and demand in children

Objectives:
• Provide engaging and informative content through a digital modular education programme
• Promote wide-spread accessibility and inclusivity through multi-channel delivery
• Accommodate different skill requirements across all care settings (home, primary and community care and hospital care) through carefully curated content
• Optimise workforce and training innovations
• Summarise roles and essential skills required for the NHS Workforce to function in a surge model in paediatric care settings through a National digital skills passport
Governance and Interface

- PCCS Council
  - PCCS Educators
  - PCCS EQA
  - HDU group
  - Acute transport group (ATG)

- PCCS Level 3
- PCCS Level 1 & 2

- HEE (Deputy Chief Nurse)
  - London Transformation and Learning Collaborative (Respiratory Surge in Children)
  - Clinical Education Reference Group (CERG)

HEE

- National PCCODNs / paed. networks
- National CYP transformation
- Women & Children National Programmes of Care (NPoCs)
- National children & young people (CYP) transformation
- Regional transport services (paed. & neonatal)

NHS England and NHS Improvement

One-way flow of governance / reporting
Two-way flow of governance / reporting
Not a governing body, informs / provides comms only
## Summary of data

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>Microsite visits</td>
<td>29,538</td>
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<tr>
<td>Resources accessed</td>
<td>44,697</td>
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<tr>
<td>Resource users</td>
<td>2,570</td>
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<tr>
<td>Resources uploaded</td>
<td>334</td>
</tr>
<tr>
<td>Skills matrix downloads</td>
<td>3,824</td>
</tr>
</tbody>
</table>

**Note:** (a) Programme launched 29th June 2021; (b) data correct as of 15th November 2021
Resource users and access

<table>
<thead>
<tr>
<th>Country</th>
<th>Total resource users</th>
<th>Total resources accessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>England</td>
<td>2,111</td>
<td>36,569</td>
</tr>
<tr>
<td>N. Ireland</td>
<td>19</td>
<td>533</td>
</tr>
<tr>
<td>Scotland</td>
<td>98</td>
<td>895</td>
</tr>
<tr>
<td>Wales</td>
<td>83</td>
<td>932</td>
</tr>
</tbody>
</table>

Note: (a) Programme launched 29th June 2021; (b) data correct as of 15th November 2021
Programme update

Libby Thomas
Programme structure

210+ free open access educational resources available across multiple domains and levels of care

Levels of Care
- Primary & community care out of hospital
- Ward based / Level 1 care (Basic critical care)
- Level 2 (Intermediate critical care)
- Level 3 (Advanced critical care/PICU)

Staff Groups
- Doctors
- Nurses
- Physiotherapists
- Pharmacists
- Speech & language therapists
- Educators
- Support staff

Current resources

A wide variety of resources to support the learning of different users

<table>
<thead>
<tr>
<th>Resource types</th>
<th>Learning Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webinars, Videos</td>
<td>‘At a glance’ (≤5 mins)</td>
</tr>
<tr>
<td>Webpage/website/web blog</td>
<td>‘Bitesize learning’ (5-30 mins)</td>
</tr>
<tr>
<td>E-learning</td>
<td>‘Time to think’ (&gt;30 mins)</td>
</tr>
<tr>
<td>PDF, PPT, Infographic</td>
<td></td>
</tr>
<tr>
<td>Podcasts</td>
<td></td>
</tr>
</tbody>
</table>

Accessibility

- Strive to meet AA level based on WCAG guidelines
- Review and improve accessibility of existing resources
- Create new accessible resources
Feedback cycle

**Evidence-based**
- Informed by care standards and competency frameworks

**Co-developed**
- Collaborative working with learners and systems

**User-led**
- Refine and evolve programme in response to feedback
Tell us what you think

Updated: Evaluation form

10. Select the resource formats you find the most engaging / useful:
- [ ] Text
- [ ] Video
- [ ] Audio
- [ ] Interactive
- [ ] Print
- [ ] Infographic
- [ ] Template

11. To what extent do you agree with the following statements:

<table>
<thead>
<tr>
<th>Strongly disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>It was easy finding content relevant to my context</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The quality of programme content is high</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I would recommend this programme to a colleague</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Scan the QR code with your mobile phone camera to feedback on the programme.
"You asked, we did..."
New resources and updated skills matrix

Francesca Wright
Laura Lowndes
Jennifer Broadbent
Timothy Hunt
**New: Rapid Access Lists**

### Rapid Access Resource Lists

These lists have been designed as quick reference guides to the content on the Respiratory Surge in Children program. If you have any feedback to reassure us of your opinion, please let us know. If you have any additional suggestions, feel free to share them. The following topics are covered:

- Adult Nurse to PICU
- Adult Nurse to ward / HDU
- Community Nurse – bronchiolitis revision
- High flow oxygen therapy (no prior knowledge)
- High flow oxygen therapy (refresher)
- Physiotherapists on paediatric wards

#### Developed lists

- Adult Nurse to PICU
- Adult Nurse to ward / HDU
- Community Nurse – bronchiolitis revision
- High flow oxygen therapy (no prior knowledge)
- High flow oxygen therapy (refresher)
- Physiotherapists on paediatric wards

#### Proposed future lists

- Pharmacists
- GP (refresher)
- Speech and language therapists
- Support staff
- ODPs

### Key features

- Links to fundamental and extension learning resources
- Tailored to different staff groups and work contexts
New: AHP and community resources

Physiotherapy

The Deteriorating Child with Complex Needs in the Community – A physiotherapy perspective

Laura Jonsek, Cambridge University Hospitals NHS Trust and Zoe Johnstone, Royal Hospital for Children and Young People, Edinburgh
September 2023

Speech & Language Therapy

The Impact of Respiratory Illness on Swallow Function in Children (Webinar: 20 mins)

Session Information

- Title: The Impact of Respiratory Illness on Swallow Function in Children (Webinar: 20 mins)
- Description: A TED talk that explores the challenges of swallowing in children with respiratory impairments. The talk is presented by a multidisciplinary team of experts, including speech and language therapists, pediatricians, and pediatric nurses.
- Duration: 20 minutes
- Date: 21 Oct 2021
- Keywords: Speech and Language

Parent / carer info leaflets

Family-centred care

- Family-centred care is crucial to the provision of healthcare for any child in the UK. This document describes how family-centred care is practiced, what its benefits are, and how it can be implemented in healthcare settings.
- The document provides case studies and examples of successful family-centred care initiatives, along with practical tips and guidance for healthcare professionals.
- The aim is to equip healthcare professionals with the knowledge and skills they need to provide high-quality, family-centred care.

Pharmacy

Pediatric Pharmacy Training Session 1: Introduction to Pediatric Clinical Pharmacy

IHE: HE_1000(010) - HE_1000(010) - HE_1000(010)

AHP and community resources
New: Educator resources and competency docs

Educator Resources

This domain provides resources for educators and trainers to use in the local workplace. These include competency documents, guidelines, simulation scenarios, and presentation slide decks. They cover a wide variety of topics relating to the respiratory surge in children programme. Feel free to use them as they are or to inform and inspire your own resources. N.B. It is good practice and polite to retain the acknowledgements of the original authors who have shared these with us, so please do so.

We are still collating and creating resources and would appreciate you sharing any relevant resources; feedback on the resources already available is also most welcome (please see the ‘How to give your feedback’ section below).

Resources

Competency Documents
- High Flow High Velocity Oxygen therapy competency document (PDF, 60+ mins)
- Medicines Management and IV Fluid Calculations Workbook (PDF, 60 mins)
- Nasogastric Tube Insertion and Management Workbook (PDF, 60 mins)
- Staff paediatric tracheostomy competency (GOSH) (PDF)

Clinical Guidelines
- Clinical Guideline: Paediatric Oxygen Therapy (University Hospitals Bristol & Western NHS Foundation Trust) (PDF, 10 mins)

Simulation Scenarios (please submit, we would love to share)

Slide Decks (please submit, we would love to share)

Resource suggestions

Email LTLC@hee.nhs.uk
Updated: Interprofessional skills matrix

Original: downloadable excel

Maps educational content to key skills, by domain and level of paediatric care

Updated: searchable tool

Key features

- Ability to filter learning pathway based on:
  - Learner profile
  - Work context
  - Learning duration
  - Content type

Filter your learning pathway:

2 Care and Recognition

Maximum Time
20 minutes

Content Types
Text  Video  Webinar
Audio  E-Learning  Leaflet
Template

You will need to meet the following objectives:

2 Care and Recognition
2.1 learning objective text

3 Management
3.3 learning objective text
Q&A

Lydia Lofton
Stay up-to-date

Visit the programme homepage

How to use the Respiratory Surge in Children programme:

- Step 1: Explore the multimedia resources
- Step 2: Share any new resources or feedback with our team
- Step 3: Tell your colleagues about the programme with this downloadable poster (PDF)

**The “Interprofessional Skills Matrix” has been temporarily moved to the bottom of this programme page as it is under revision whilst we improve the functionality.

See further detail here

Current updates in progress

Completed in update 17 November (2021):

- New Patient Duty resources added in Domain 1
- New Rapid Access Units launched for specific, guided access to resources
- New Simulation Training video for physiotherapists
- New IAPH competencies added to Educator Resources

Current updates in progress / ongoing work includes:

- Refinement of existing resources
- Development of pharmacy-specific resources
- We are still seeking further input to develop learning objectives for community settings.
- Ongoing review of the matrix by colleagues from various professional areas, including ANPs, GPs, pharmacists and community teams and decisions about how to utilise the matrix effectively.

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#RespSurge
For any comments, feedback, or resource suggestions, please email LTLC@hee.nhs.uk