

Respiratory Surge in Children programme: e-LfH Resource Updates

26 October 2021



Purpose of document

- The purpose of this document is to highlight any key updates regarding the **Respiratory Surge in Children** programme resources, hosted on the e-LfH microsite and hub, and support communications at a Regional level
- A full history of the programme resource updates is currently under development and will be made available on the microsite in the coming weeks
- For additional information about the programme or resource updates, please contact LTLC@hee.nhs.uk



Overview

Key updates

- New sections and resources targeted at educators and parents/carers
- Webinar series for Physios working within Paediatrics

Total number of resources

• 211

Domain	New resources	Refined resources	Removed resources
• Overarching resources	0	0 (6 moved)	0
1. Recognition, management and escalation: care of the sick child	4	0	4
2. The care and management of the child with respiratory illness	6	0	1
3. High flow / High velocity oxygen therapy	2	0	1
4. Medicines management and Differences between child and adult	1	0	1
5. Family centred care	0	0	2
6. Emergency advanced stabilisation and transfer	0	0	0
7. Wellbeing and staff recovery resources	0	0	0
• Educator resources	7	0	0
• Equipment resources	12	0	0



Overarching Resources



New Resources

- New parent/carers section with relevant resources moved from other domains

Relocated Resources

- [Difficulty breathing and wheeze: Guidance for carers of children aged 3 months and older](#) (Web page, 10 mins)
- [Medicines for Children: Information for parents and carers](#) (Website)
- [Healthier Together Poster for Parents](#) (PDF, 1 min)
- [Wheeze and Breathing difficulties - Top Tips for Parents](#) (PDF, 5 mins)
- [NHS cough cold in children over 1 year advice sheet](#) (PDF, 5 mins)
- [NHS cough cold in children under 1 year old advice sheet](#) (PDF, 5 mins)



1. Recognition, management and escalation: care of the sick child



New Resources

- [Clinical Guideline: Bronchiolitis diagnosis & management in secondary care](#) (University Hospitals Bristol & Weston NHS Foundation Trust) (PDF, 8 mins)
- [Lung sounds made easy - auscultations](#) (Video, 5 mins)
- [Videos: Respiratory Distress symptoms](#) (Web page, 10 mins)
- [RSV and other Viruses - Risk Factors and Impacts on the Paediatric Population](#) (Webinar, 23 mins)

Removed Resources

- Introduction to Understanding a Deteriorating Child's Breathing (PDF, 10 mins)
- Identified as no longer meeting learning objectives
- Fundamentals of Airway and Respiratory Assessment in Children (PDF, 15 mins) – Duplicated resource
- Approach to the assessment of the seriously unwell child (Web page, 20 mins)
– Duplicated resource
- Bronchiolitis pathway - clinical assessment & management tool for the child younger than 2 years with suspected bronchiolitis (PDF, 5 mins) – Superseded by new content



2. The care and management of the child with respiratory illness



New Resources

- [Clinical Guideline: Paediatric Oxygen Therapy](#) (University Hospitals Bristol & Western NHS Foundation Trust) (PDF, 10 mins)
- [The Intubated Infant with RSV/Bronchiolitis - a Physiotherapy Perspective](#) (Webinar, 30 mins)
- [The Deteriorating Child with Complex Needs in the Community - a Physiotherapy Perspective](#) (Webinar, 39 mins)
- [Management of a Child/Baby with Bronchiolitis on the Ward - a Physiotherapy Perspective](#) (Webinar, 23 mins)
- [Supportive Therapy for the RSV/Bronchiolitis Patient](#) (Webinar, 29 mins)
- [The Impact of Respiratory Illness on Swallow Function in Children](#) (Webinar, 20 mins)

Removed Resources

- Quick-reference Guide for Management of Children with Bronchiolitis Outside of Hospital (Web page, 5 mins) – **Superseded by new content**



3. High flow / High velocity oxygen therapy



New Resources

- [Vapotherm: a guide to setting up the machine](#) (Video, 8 mins)
- [Clinical Guideline: Heated Humidified High Flow for Children & Young People \(PIER Network\)](#) (PDF, 10 mins)

Removed Resources

- Understanding High Flow Heated Humidified Oxygen Therapy (PDF, 20 mins)
– Superseded by new content



4. Medicines management and Differences between child and adult



New Resources

- [Anatomical and Physiological Differences between Paediatric and Adult Respiratory Systems](#) (Webinar, 11 mins)

Removed Resources

- Fundamentals of Airway and Respiratory Assessment in Children (PDF, 15 mins) – **Duplicated resource**



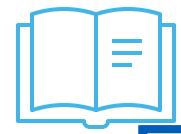
5. Family centred care



Removed Resources

- Bronchiolitis - Guidance for carers of children under 1 year old (Web page, 10 mins) – **Duplicated resource**
- Bronchiolitis Safety Netting (DFTB) (Video, 5 mins) – **Duplicated resource**





Educator Resources

New Resources

- [High Flow/ High Velocity Oxygen therapy competency document](#) (PDF, 60+ mins)
- [Oxygen Therapy Competency Document](#) (Word, 15 mins)
- [Staff paediatric tracheostomy competency \(GOSH\)](#) (PDF)
- [Medicines Management and IV Fluid Calculations Workbook](#) (PDF, 60 mins)
- [Nasogastric Tube Insertion and Management Workbook](#) (PDF, 60 mins)
- [Clinical Guideline: Bronchiolitis diagnosis & management in secondary care](#) (University Hospitals Bristol & Weston NHS Foundation Trust) (PDF, 8 mins)
- [Clinical Guideline: Paediatric Oxygen Therapy](#) (University Hospitals Bristol & Western NHS Foundation Trust) (PDF, 10 mins)



Equipment Resources

New Resources

- NIV - Medin - MedinCMOmini - User Manual (PDF)
- NIV - Medin - MedinCMO - User Manual (PDF)
- NIV - Medin - MedinBlender - User Manual (PDF)
- NIV - Medin - MedinSindi - User Manual (PDF)
- NIV - Carefusion - Infant Flow LP CPAP system - Training Document (PDF)
- NIV - Carefusion - Infant Flow LP CPAP system - Training Video (Video, 16 mins)
- Ventilator (Invasive and non-invasive) - ResMed - Stellar 100 and 150 - Quick Guide (PDF)
- Ventilator (Invasive and non-invasive) - ResMed - Stellar 100 and 150 - User Manual (PDF)
- NIV - ResMed - AirSense 10 - User Manual (PDF)
- Training video - On screen troubleshooting the airvo 2 (Video, <1 mins)
- Troubleshooting guide for the myAirvo2 (PDF)
- User manual for the myAirvo2 (PDF)

Find new equipment resources via our [Equipment Matrix](#)



For any comments or feedback, please email
LTLC@hee.nhs.uk