

## Rapid Access List of Resources

**Profile**

I am a **Paediatric Nurse**, working in **General Paediatrics / HDU**

I want to know how to look after an infant requiring CPAP support

**Time to complete**

Fundamentals **1 hr, 32 min**

Extension **0 hrs, 44 min**

## Fundamentals:

- 1** [Non-invasive respiratory support - HFNC, CPAP & BiPAP: PCCS Bronchiolitis Webinar 1.4](#)

This session was delivered as part of the main PCCS webinar 1. Dr Padmanabhan Ramnarayan. Assessment of & decision-making for the infant or child who requires non-invasive respiratory support. Indications, cautions & consideration of the evidence base. Mild, moderate & severe disease. Hierarchy of therapies: low flow O<sub>2</sub>, HFNC, CPAP & BiPAP.

**Video** **19 min**
- 2** [Educational Videos from the North Thames Childrens Acute Transport Service: CATS webinar - Bronchiolitis](#)

CATS webinar – Bronchiolitis. **Watch from 26:00 - 46:00**

**Video** **20 min**
- 3** [CPAP: Principles and clinical context](#)

CPAP - indications, contraindications, key signs of respiratory failure & ABCDE respiratory assessment, principles of safety - sizing of interface & ensuring gas flow, MDT collaboration

**Slides** **15 min**
- 4** [Principles of infant CPAP](#)

South Thames Paediatric Network. A webinar that explores the use of infant CPAP for respiratory support, considers the evidence to support the therapy and discusses the nursing care of a child on infant CPAP. **Watch 15:25 – 46:06 - Benefits of CPAP - the evidence; Nursing care of a child on CPAP, set up of SiPAP**

**Video** **31 min**
- 5** [Lung Sounds](#)

A video describing auscultation and the physiology behind lung sounds commonly heard during inhalation and exhalation including stridor, wheeze, pleural rub, crackles, rhonchi.

**Video** **7 min**

## Extension Learning:

- 1** [Algorithm to use to aid with feeding decision in PHDU](#)

An easy to use algorithm to assist decision making regarding supporting nutrition for paediatric critical care patients where a dietetic review is not possible.

**Infographic** **5 min**
- 2** [The Basic Principles of Blood Gas Analysis and Interpretation of Results](#)

A really easy to follow video that covers the basic principles of blood gas analysis.

**Video** **15 min**
- 3** [How to set up F&P bubble CPAP](#)

Video demonstrating how to set up for delivery of bubble CPAP via the Fisher Paykel system

**Video** **9 min**
- 4** [How to perform chest auscultation & interpret the findings](#)

Journal article explains the clinical procedure for chest auscultation and provides a guide to interpreting findings.

**Text** **15 min**

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