

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 in Critical Care L3, PICU

Time to complete

 Fundamentals **1 hr, 18 min**

 Extension **0 hrs, 32 min**
Overview:

1	<u>Bronchiolitis: recognition, stabilisation, transport, and management on PICU</u>	Video	138 min
	CATS webinar. A comprehensive overview of bronchiolitis including - differential diagnosis, initial & emergency management, anaesthesia, intubation & ventilation. Case-based scenarios are used & practical & logistical guidance is offered.		

Fundamentals:

1	<u>NICE guideline. Bronchiolitis in children: diagnosis & management.</u>	Text	5 min
	UK guideline for the diagnosis & management of children with bronchiolitis. Interventions are evidence-based & contraindications are highlighted.		
2	<u>CPAP: Principles and clinical context</u>	Slides	15 min
	CPAP - indications, contraindications, key signs of respiratory failure & ABCDE respiratory assessment, principles of safety - sizing of interface & ensuring gas flow, MDT collaboration		
3	<u>ETT taping - Clinical Context & Safety</u>	Slides	8 min
	This resource identifies the key aspects of planning, preparation & safety regarding ETT taping or re-taping.		
4	<u>How to perform chest auscultation & interpret the findings</u>	Text	15 min
	Journal article explains the clinical procedure for chest auscultation and provides a guide to interpreting findings.		
5	<u>Blood gases: the basics</u>	Text	15 min
	An introduction to blood gas analysis		
6	<u>Fluid Balance Scenarios in Paediatrics</u>	Slides	20 min
	A set of 4 scenarios originating from the NICE guideline. (i) routine fluid requirement, (ii) hypovolaemia, (iii) a positive fluid balance & pulmonary oedema (iv) DKA fluid replacement & balance, including glucose & electrolyte management.		

Extension Learning:

1	<u>Recognition of the deteriorating child - Damian Roland</u>	Video	13 min
	Recognition & differentiation of the deteriorating infant or child. Challenges, cautions & strategies for appropriate care.		
2	<u>Non-invasive respiratory support - HFNC, CPAP & BiPAP: PCCS Bronchiolitis Webinar 1.4</u>	Video	19 min
	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 O2, HFNC, CPAP & BiPAP.		

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