Bronchiolitis Pathway

Clinical Assessment / Management Tool for Children Younger than 1 year old with suspected Bronchiolitis

Management - Primary Care and Community Settings



t Presents • Sr • Po • Py • He • Br	uspected Bronchiolitis? huffly Nose • Chesty Cough bor feeding • Vomiting vrexia • Increased work of breathing ead bobbing • Cyanosis ronchiolitis Season • Inspiratory crackles +/- wheeze sk factors for severe disease	Do the symptoms and/or signs suggest an immediately life threatening (high risk) illness? Consider differential diagnosis if - temp ≥38°C (sepsis) or sweaty (cardiac) or unusual features of illness	Yes
Table 1	e-existing lung condition • Immunocompromised • Congenital Heart Disease e <6 weeks (corrected) • Re-attendance • Prematurity <35 weeks • Neuromuscula		
Clinical Findings	Green - Iow risk	Amber - intermediate risk	Red - high risk
Behaviour	• Alert • Normal	Irritable Decreased activity Reduced response to social cues No smile	 Unable to rouse No response to social cues Appears ill to a healthcare prof
Skin	• CRT < 2 secs • Moist mucous membranes • Normal colour skin, lips and tongue	CRT 2-3 secs Pale/mottled Cool peripheries	• CRT > 3 secs • Cyanotic lips and tongue
Respiratory Rate	 Under 12mths <50 breaths/minute Mild respiratory distress 	 Increased work of breathing All ages > 60 breaths /minute 	• All ages > 70 breaths/minute • Respiratory distress
O ₂ Sats in air**	• 95% or above	• 92-94%	• <92%
Chest Recession	• Mild	Moderate	Severe
Nasal Flaring	• Absent	May be present	Present
Grunting	• Absent	• Absent	• Present
Feeding Hydration	 Normal - Tolerating 75% of fluid Occasional cough induced vomiting 	 50-75% fluid intake over 3-4 feeds Reduced urine output	<50% fluid intake over 2-3 feed Significantly reduced urine out
Apnoeas	• Absent	• Absent	• Yes
Other		 Pre-existing lung condition Immunocompromised • Congenital Heart Disease Age <6 weeks (corrected) • Re-attendance Prematurity <35 weeks • Neuromuscular weakness Additional parent/carer support required 	

Also think about...

Babies with bronchiolitis often deteriorate up to Day 3. This needs to be considered in those patients with risk factors for severe disease

Alert Paediatrician transfer Send relevant documentation

Green Action

Provide appropriate and clear guidance to the parent/carer and refer them to the patient advice sheet.

Confirm they are comfortable with the decisions/advice given and then think "<u>Safequarding</u>" before sending home.

Amber Action

Advice from Paediatrician should be sought and/or a clear management plan agreed with parents.

Management Plan

· Provide the parent/carer with a safety net: use the advice sheet and advise on signs and symptoms and changes and signpost as to where to go should things change

Refer

Consider referral to acute paediatric community nursing team if available

- Arrange any required follow up or review and send any relevant documentation to the provider of follow-up or review

This guidance has been reviewed and adapted by healthcare professionals across ABUHB with consent from the Har

This document was arrived at after careful consideration of the evidence available including but not exclusively NICE, SIGN, EBM data and NHS evidence, as applicable. Healthcare professionals are expected to take it fully into account when exercising their clinical judgement. The guidance does not, however, override the individual responsibility of healthcare professionals to make decisions appropriate to the circumstances of the individual patient in consultation with the patient and / or carer.



Refer immediately to emergency care by **999**

- Alert Paediatrician
- Stay with child whilst waiting and give High-Flow Oxygen support



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Management - Primary Care and Community Settings

Glossary of Terms		
ABC	Airways, Breathing, Circulation	
APLS	Advanced Paediatric Life Support	
AVPU	Alert Voice Pain Unresponsive	
B/P	Blood Pressure	
CPD	Continuous Professional Development	
CRT	Capillary Refill Time	
ED	Hospital Emergency Department	
GCS	Glasgow Coma Scale	
HR	Heart Rate	
МОІ	Mechanism of Injury	
PEWS	Paediatric Early Warning Score	
RR	Respiratory Rate	
WBC	White Blood Cell Count	

