

### Explain Bronchiolitis

GLOBAL MARK			
CLEAR PASS	BORDERLINE PASS	BORDERLINE FAIL	FAIL

#### Criteria

Introduces Self, confirms patient identify, Washes hands,	2, 1
Brief History	
Confirms patient doesn't have life threatening wheeze.	
Explains diagnosis	
Wheeze is caused by irregular air flow through the lungs Irregular airflow is caused by mucus production in response to a viral lower respiratory tract infection Because your child's breathing tubes are narrower than an adults, it takes relatively less mucus to require more force to pull air through it. This is because of the laws of physics (resistance inversely proportional to 4 <sup>th</sup> power of the radius). This means they have to work harder to pull air in and push air out, this is why their stomach and chest look like they do Essentially your babies lungs are clogged with mucus	
Explains why salbutamol won't work	
Explains supportive treatment is all that is usually required	
Sometimes children get worse and need Oxygen Help with feeding	
Safety-nets well	
Has a reassuring manner	
Offers to examine child	
Elicits questions	
Thanks patient	

OR

### Explain Viral Wheeze

GLOBAL MARK			
CLEAR PASS	BORDERLINE PASS	BORDERLINE FAIL	FAIL

#### Criteria

Introduces Self, confirms patient identify, Washes hands,	2, 1
Confirms identity of carer	
Checks child isn't in respiratory difficulty and doesn't need any treatment	
Brief history	

Explains diagnosis	
<p>Viral wheeze – response to viral infection –  Mucus + Smooth muscle hypersensitivity  Narrows breathing tubes</p> <p>Salbutamol works by relaxing the smooth muscle cells around the breathing tubes</p>	
<p>Explains why diagnosis isn't asthma  Interval symptoms  Age  Time to develop the chronic airway problems of asthma</p>	
<p>Explains difference between asthma and wheeze  Asthma – no viral prodrome, interval symptoms, cough, atopy  older children generally.</p>	
Elicits questions	
Explains discharge decision	
Thanks patient	

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