



WHAT TO KNOW ABOUT PNEUMONIA IN CHILDREN

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CAUSES



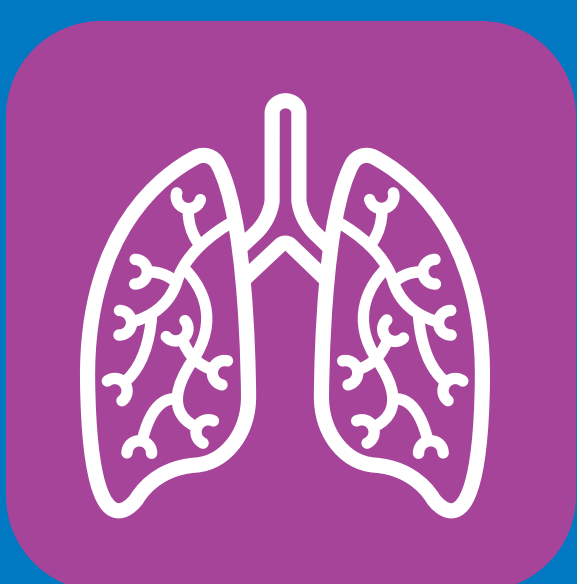
Viruses

Viruses, like RSV and influenza, are common causes of pneumonia, especially in patients < 5 years old.



Bacteria

Streptococcus pneumoniae is the most common bacteria causing pneumonia.



Both

Pneumonia from both a virus AND bacteria is rare, but may occur more in critically ill patients

HOW TO TREAT

- Use of broad antibiotics, such as ceftriaxone or cefdinir, **do not improve outcomes**
- **High-dose amoxicillin/ampicillin** cover >95% of strains of Streptococcus pneumoniae found at Children's Mercy.
- Recent data has found that **3-5 days of antibiotics** is effective and minimizes side effects
- Click here to access the Children's Mercy Clinical Practice Guideline for Pneumonia

HOW TO PREVENT

- * Hand hygiene is effective in preventing infection
- * Patients should receive the pneumococcal, flu, COVID-19, and RSV immunizations



Want to test your knowledge? Use the QR code to take a quick quiz and see if you're a Stewardship Star!