Bacterial Tracheitis: A leading concern for the pediatric airway

Our Case

» 6 month old male
» 6 day history of fever and cough
» HR 170s-190s  RR 50-70  SpO2 84% on RA

PICU

» Intubation: 2.5 uncuffed ETT
» Broad spectrum antibiotics and steroids
» Difficult Mechanical Ventilation
Rigid Bronchoscopy

Treatment and Recovery

Bacterial Tracheitis

» Presentation
» Emergent pediatric upper airway obstruction
» Majority require intubation
» Mortality as high as 18 to 40%

What to do?

Medical Management
- ICU admission
- Antibiotics
- Steroids

Airway Management
- Intubation
- Secretions
- Rigid Bronchoscopy