Pneumonia & Empyema

Clinical Diagnosis

Symptoms: dyspnea, cough, hemoptysis **Vitals**: hypoxia, tachypnea, fever

Findings: leukocytosis, opacity, pleuritic pain

Treatment

- *if suspecting viral cause or in a flu-season, consider procalcitonin for better antibiotic stewardship
- CAP Azithromycin/Ceftriaxone (or Levofloxacin)
- HCAP / HAP / Ventilator Vanc/Cefepime/Zosyn

Common Bacterial Causes

- Strep Pneumoniae
- Staph Aureus
- Haemophilus influenza
- Aspiration (GNR or anaerobes)
- Alcohol Klebsiella
- HCAP MRSA, pseudomonas
- Atypical
 - Mycoplasma
 - Legionella
 - Chlamydia

