Pneumonia & Empyema

Clinical Diagnosis (need all 3) 1. Respiratory Sx: cough, sob, tachypnea, hypoxia 2. Inflammation: ↑↓WBC, fever 3. Imaging: Opacity

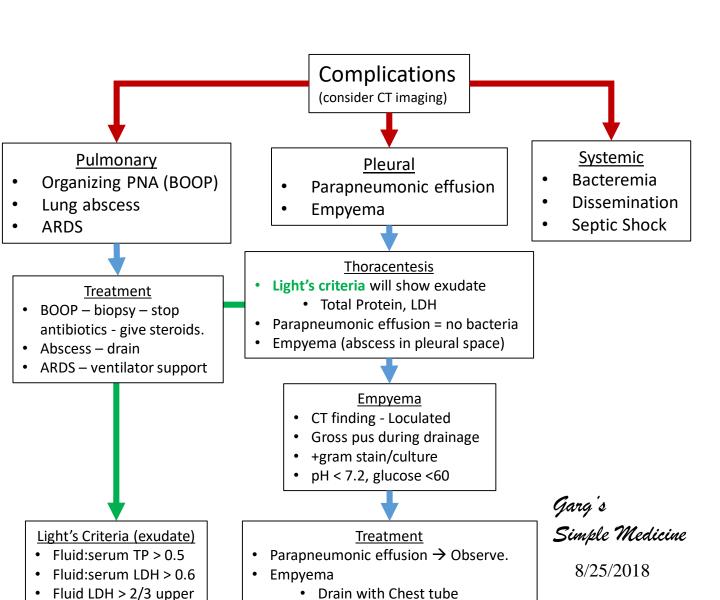
Treatment

- *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

limit normal

Common Bacterial Causes

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



CT surgery (VATS, decortication)