

# Community Acquired Pneumonia

## Risk Factors

### For CAP

- 1) Altered consciousness
  - intoxication, stroke, seizure, dementia, parkinsons
- 2) Impaired mechanical defense
  - smoking, intubation
- 3) Impaired immunity
  - elderly, HIV, cancer
- 4) Disease (Chronic conditions)
  - heart, lung, liver, kidney failure, asthma, COPD
- 5) Lifestyle
  - alcoholism, ↑ contact w children

### For MRSA/Pseudomonas

- 1) Prior infection w MRSA/pseudomonas  
OR
- 2) IV abx in last 90 days

## Clinical Pearls

- 1) Narrow once C&S back
- 2) Step down to PO once clinically stable

## Empiric Therapy

↳ treat based on severity

S/Sx: cough, fever, SOB, chills, tachycardia  
CXR: infiltrate  
Auscultation: crackles

↓ YES

### Calculate CURB-65 Score

CURB-65	
Symptom	Points
Confusion	1
BUN > 7 mmol/l	1
Respiratory rate ≥ 30	1
SBP < 90 mmHg, DBP ≤ 60 mmHg	1
Age ≥ 65	1

} 0 points → 0.6% mortality  
5 points → 57% mortality

### Empiric Tx based on CURB Score

(if patient has used abx in last 3m → choose one of diss class)

0-1 (Outpatient Tx)      2 (Non-ICU Inpatient)      3-5 (Severe Inpatient)

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