

PNEUMONIA

community acquired

#EM3

Definition

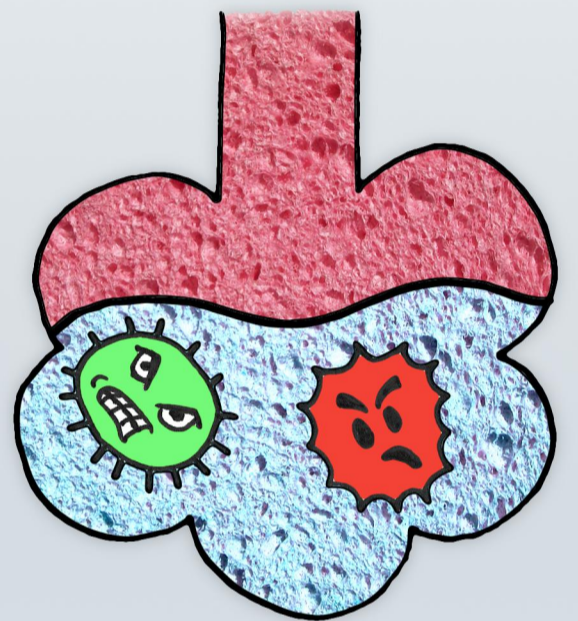
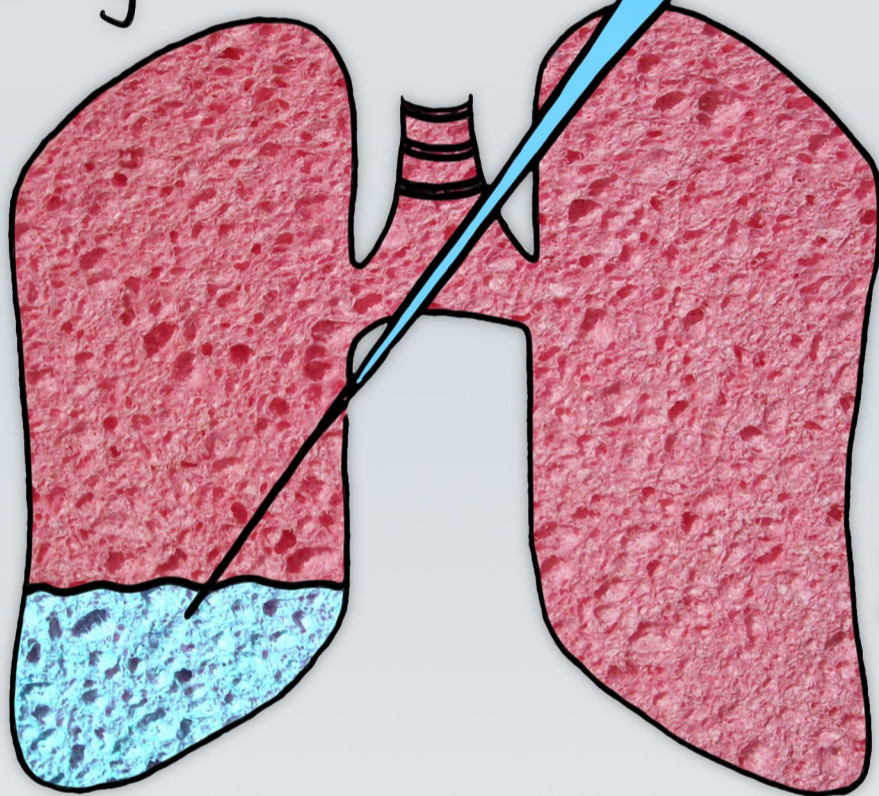


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Symptoms of LRTI + new radiographic shadowing

Pathophysiology



alveoli fill with fluid, microorganisms and inflammatory cells
↳ Impairs gas exchange

CURB-65

SCORE 0-1

- low risk of death
- suitable for HOME treatment

SCORE 2

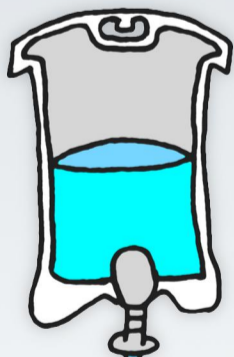
- moderate risk of death
- short stay INPATIENT treatment

SCORE ≥ 3

- high risk of death
- senior review ASAP

SCORE ≥ 4

- consider critical care



Management

- appropriate oxygen therapy
- IV fluids as appropriate
- Antibiotics (as per local guidelines)

Investigations

In all patients:

- CXR
- U+Es
- FBC
- CRP
- LFTs

In moderate severity:

- blood cultures
- sputum cultures
- urine for streptococcus pneumoniae

In high severity:

- all of the above
- urine for legionella