

Lung Abscess (Suppurative or Aspirational Pneumonia)

- It is a suppurative pneumonia of lung parenchyma caused by lung parenchyma.

Causes:

- 1) Aspirational pneumonia → Gastric contents or materials from URT during coma, anarthria or deep sleep.
- 2) Other types of pneumonia.
- 3) Amoebic liver abscess.
- 4) Obstructive → Foreign body or Bronchogenic CA.
- 5) Predisposing → ↓ Gag reflex.
→ Head injury, Coma, Esophageal stricture, Epilepsy, Atrialia cordis, Bulbar palsy.

Pathology

Abscess lined by granulation tissue.
Stopping spread of infection

↓
Rupture into bronchus

↓
Expectorate pus.

C/F → CF of Pneumonia.

- Sputum large in volume, purulent, ^{yellowish green} foul smelling.
- Three layered sputum.

1) Froth above 2) Serous middle. 3) Thick rummular particles below.

Investigation: Chest Xray, HRCT, Skidogram, Bronchoscopy, MRI, Sputum Culture.

Complication: Same as Pneumonia, Brain Abscess.

DD → Same as Pneumonia.