

# Small airway disease

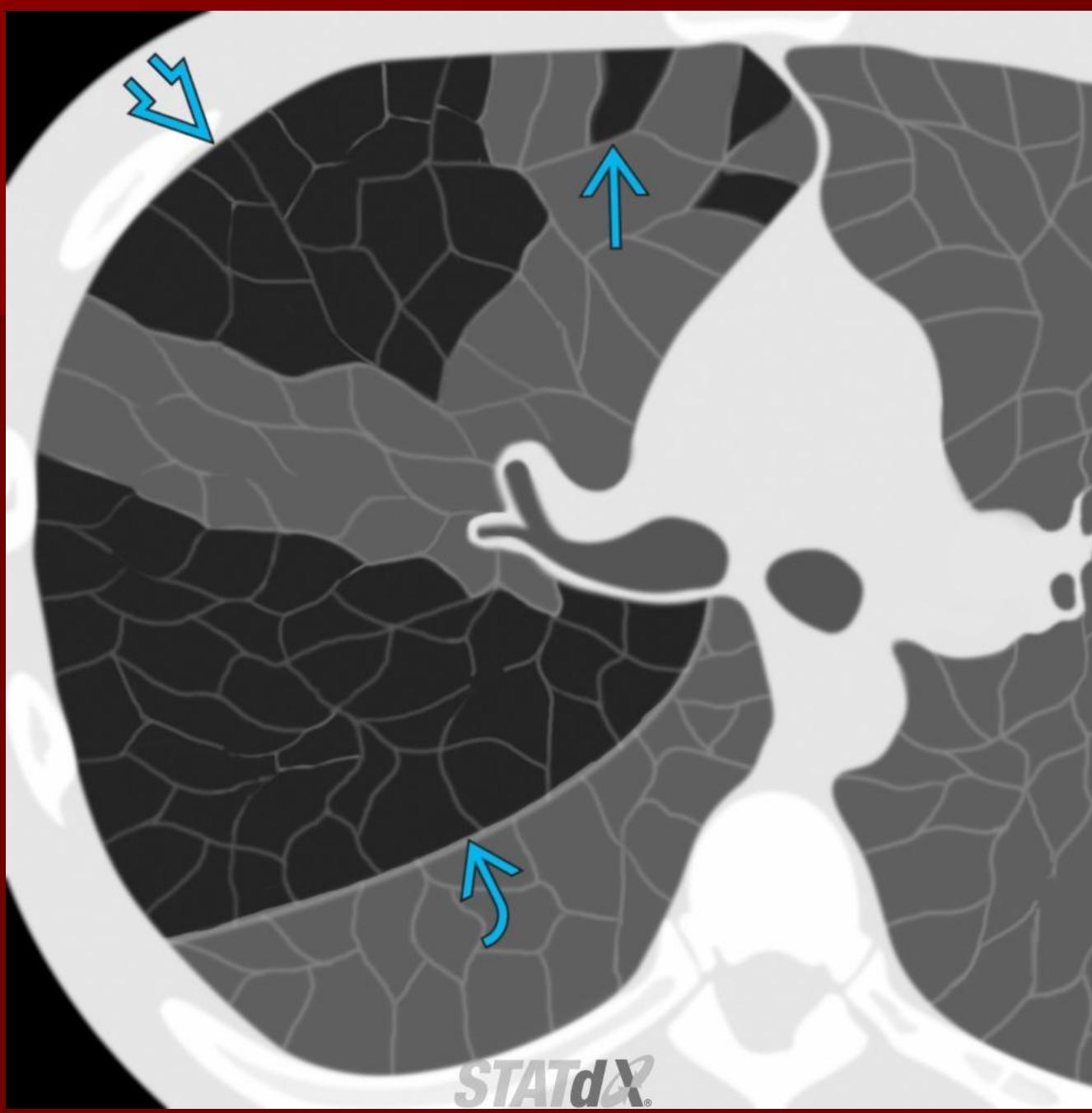
- Infectious as well as non conditions that affect the small airways
- Some authors consider this term synonymous with a bronchiolitis<sup>4</sup>, conditions such as asthma may also fall under this group<sup>7</sup>. T
- Many conditions can affect the small airways.

# HSBC

- **H:** hypersensitivity pneumonitis
- **S:** sarcoidosis
- **B:** bronchiolitis obliterans
- **C:** cystic fibrosis/bronchiectasis

# Small airways disease

- Hypersensitivity pneumonitis
- Sarcoidosis
- Respiratory bronchiolitis interstitial lung disease.
- Follicular bronchiolitis
- Sjogren syndrome



Drawing shows several patterns of air-trapping: Lobular (cyan solid arrow), subsegmental (cyan open arrow), and segmental (cyan curved arrow).

# CT Findings

- Direct signs
  - thickened peripheral airways - may only be seen in the proximal portion
- Indirect signs - many of these features may be non specific on their own
  - air trapping
  - subsegmental atelectasis
  - mosaic lung attenuation
  - centrilobular nodules
  - tree-in-bud change