Clinical Info

- 22 year old male with repeated chest infections.
Bronchiectasis

- Bronchiectasis is an abnormal and permanent dilation of the proximal and medium-sized bronchi (>2 mm in diameter) caused by destruction of the muscular and elastic components of the bronchial walls.
- In 1950, Reid characterized bronchiectasis as cylindrical, cystic, or varicose in nature.
  - **Cylindrical bronchiectasis** - minimally dilated but have straight, regular outlines.
  - **Varicose bronchiectasis** has a bulbous appearance with a dilated bronchus and interspersed sites of relative constriction.
  - **Cystic or saecular bronchiectasis** has ballooned appearance that may have air-fluid levels.
CT findings

- dilated bronchi with bronchoarterial ratio >1, no tapering
- signet ring sign
- bronchial wall thickening
- V or Y opacities, finger in glove sign