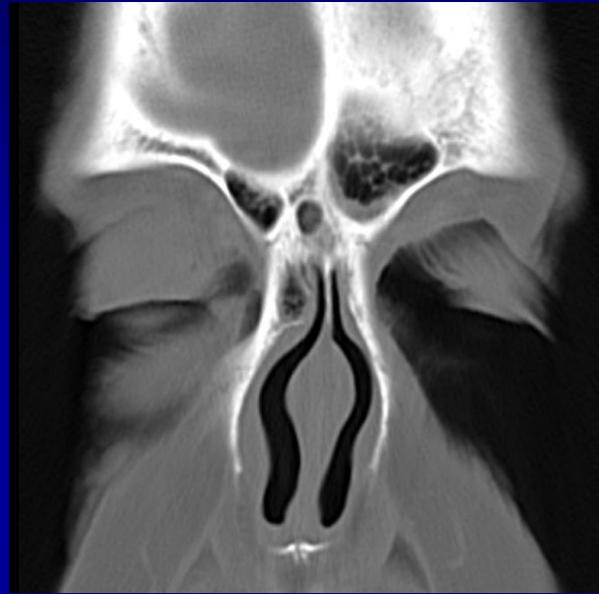


Infection – Acute Sinusitis

- No indications for imaging common cold, or subsequent non-complicated sinusitis
- Secondary bacterial sinusitis
 - *Strep. pneum, H. flu, beta-hemolytic strep*
- Facial pain, fever, discharge
- Clinical diagnosis.
- Poor correlation symptoms & CT findings

Acute Sinusitis – CT/MR

- Ethmoids often primary source
- Asymmetric
- Mucosal thickening
 - Moderate or severe
 - Non-specific
 - Thickened enhancing mucosa with submucosal edema
- Air/fluid levels
 - Frontal = sinusitis
 - Maxillary = sinusitis in correct setting
 - Ethmoid – rare
 - Sphenoid - nonspecific



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