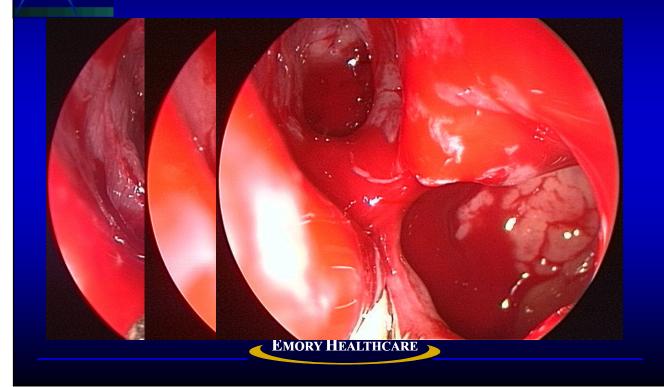
Paradoxical Middle Turbinates

- Usually do not have to be addressed
- If do need to be addressed
 - Resect only the paradoxical segment



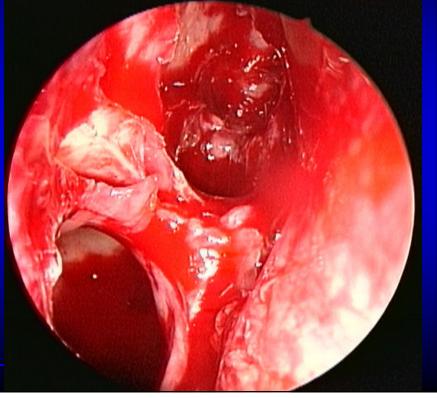
EMORY HEALTHCARE

Incomplete uncinectomy



Avoid Mucosal Stripping

Enter maxillary sinus with small instruments to avoid stripping mucosa off of posterior wall of sinus



Agger Nasi

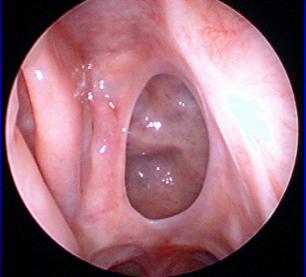
DFOV 16.Dem BONE Endoscopically appears as bulge anterior to attachment of middle turbinate

The larger the cell the narrower the attachment angle of the middle turbinate

Sphenoidotomy Identifying Superior Turbinate

Consistent anatomy

- Superior and posterior to middle turbinate
- Common attachment to skull base with MT
- Is the most reliable landmark for the natural ostium of the sphenoid sinus



EMORY HEALTHCARE



Natural Ostium

- 2-3 mm diameter
- 1-1.5 cm above floor of sinus
- @ 7 cm at 30 degree angle from anterior nasal spine



EMORY HEALTHCARE

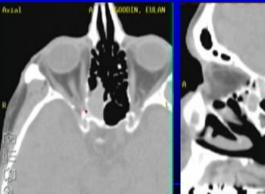


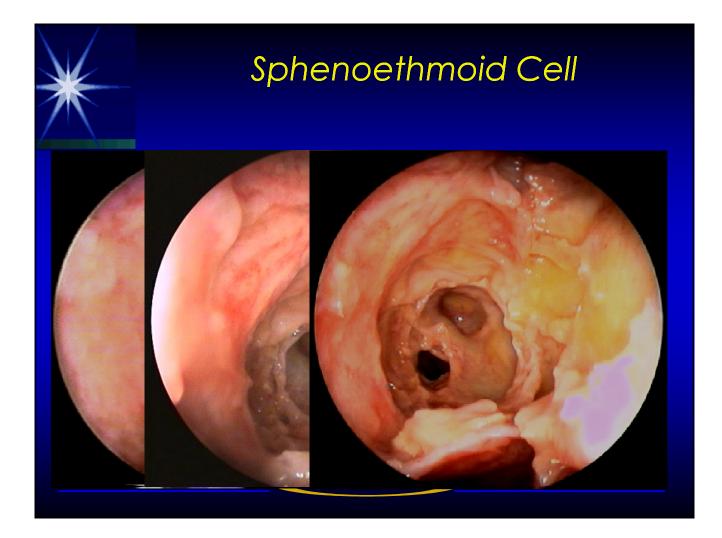
Sphenoethmoid Cell

- posterior ethmoid cell located within sphenoid bone
- located superior and/or lateral to sphenoid sinus
- can be mistaken for sphenoid sinus

Емс







Trans-Ethmoid Sphenoidotomy (Natural Ostium)



uRemove inferior part of superior turbinate to identify natural ostium

Post-operative care

Prevent synecchiae and middle turbinate lateralization EMORY HEALTHCARE

