



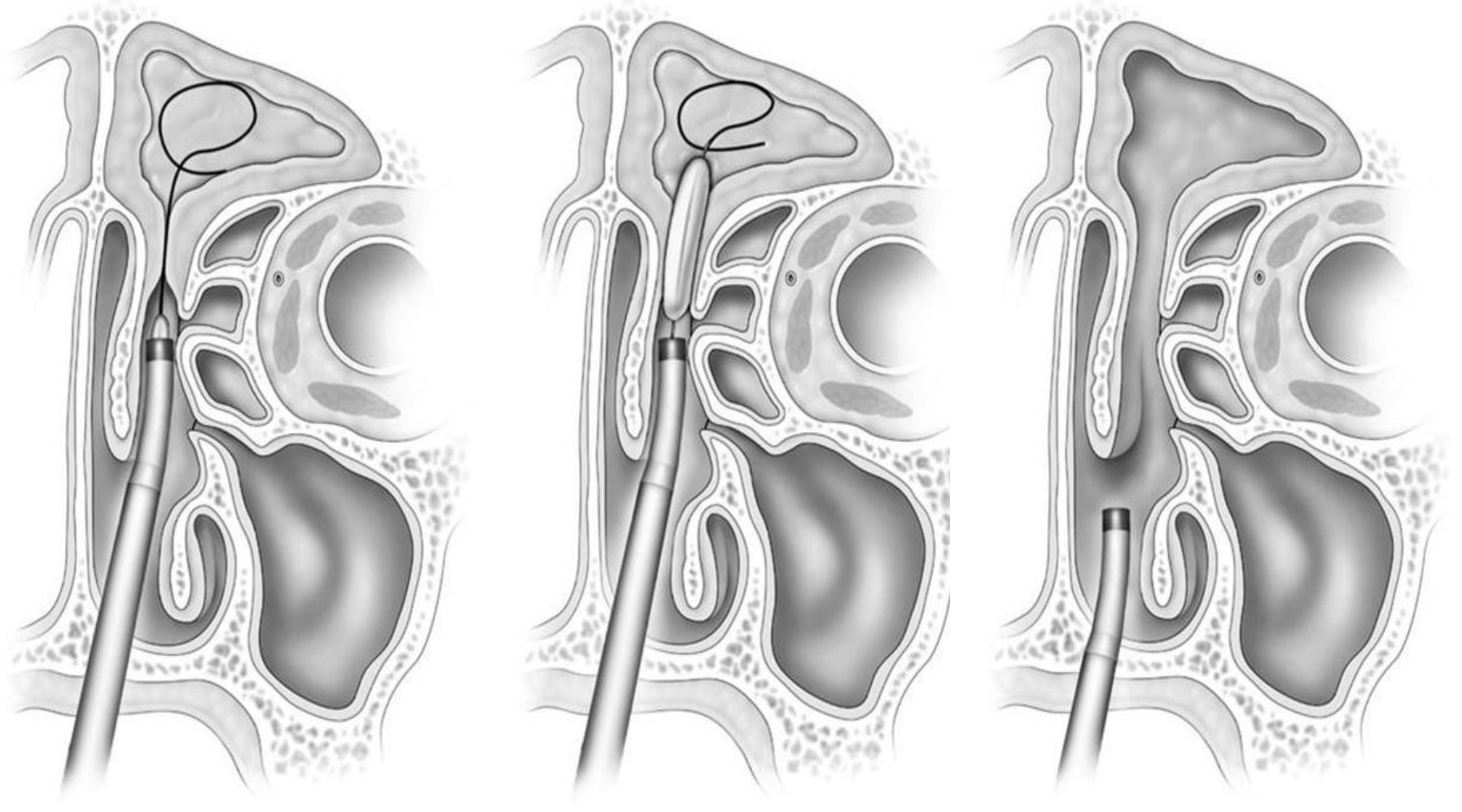
# ***Office Based Balloon Sinuplasty***

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**Medical College of Georgia**

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# Indications

- In patients with a history of chronic recurrent rhinosinusitis, confirmed by CT and/endoscopy
- No improvement despite appropriate medical therapy
- Suspected cause of rhinosinusitis is ostial obstruction
- Can be used alone or in hybrid with ESS

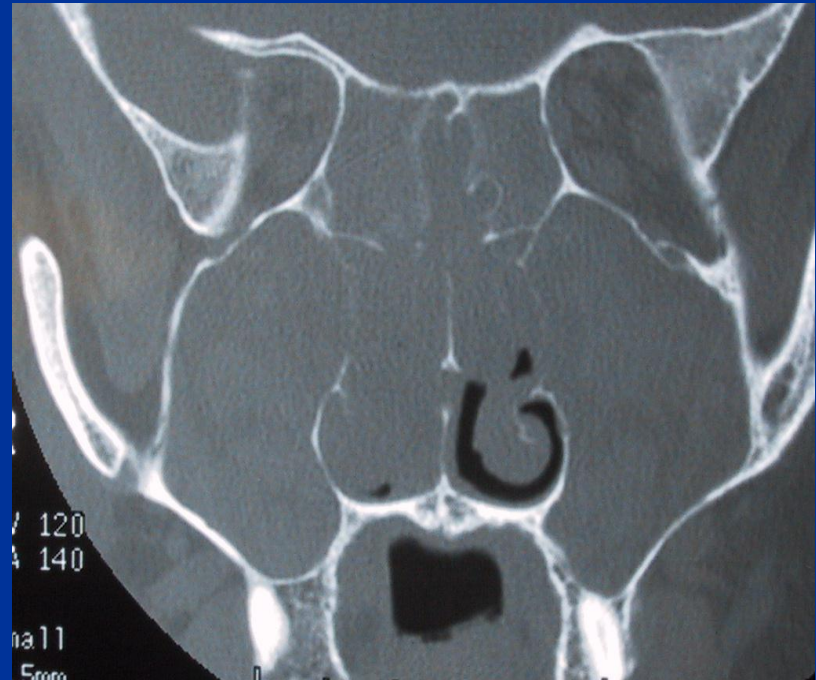
# Contraindications

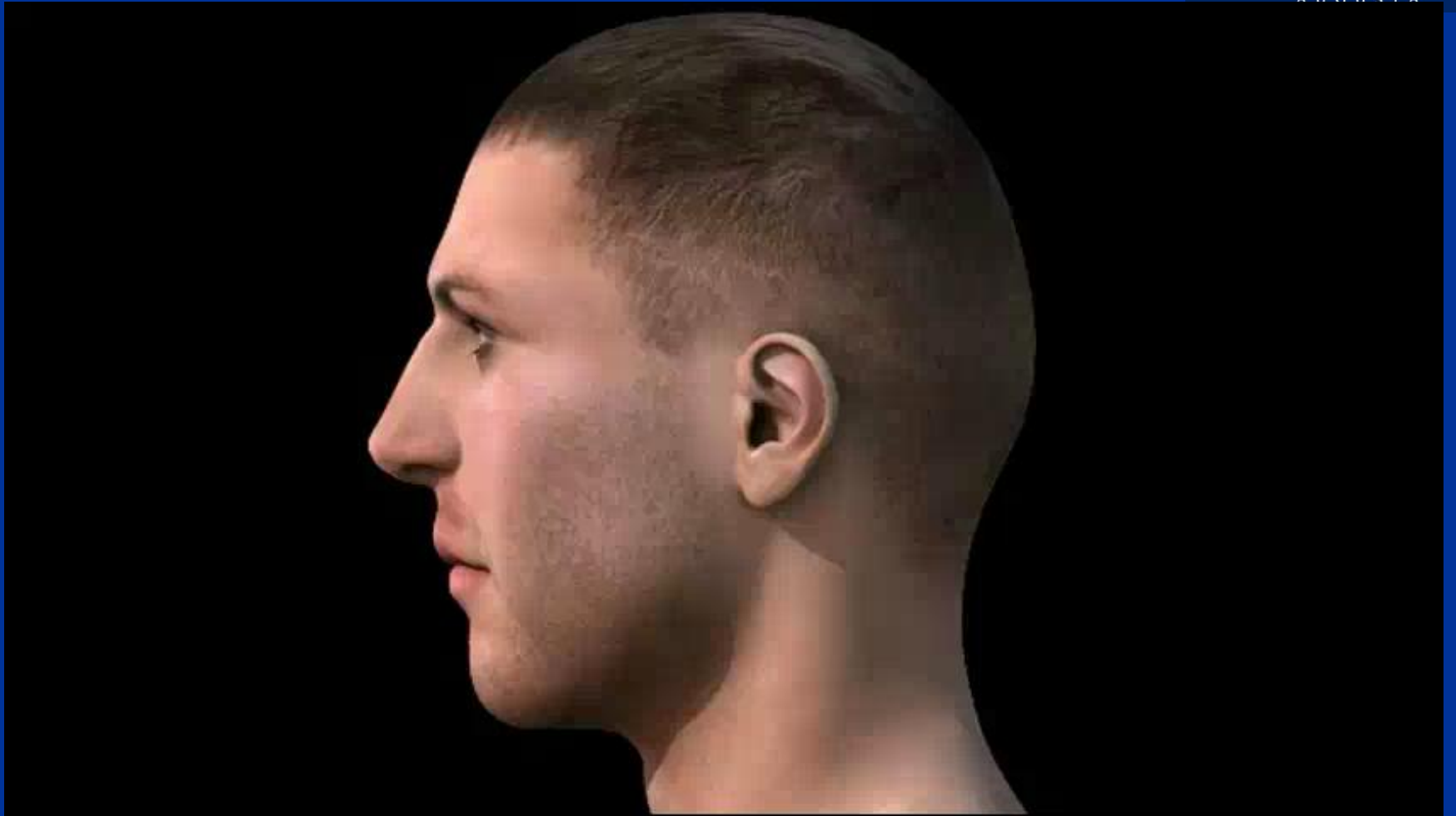
- Significant ethmoid disease (hybrid procedure can be done in the OR)
- Primarily mucosal disease : diagnosed sinonasal polyps, allergic fungal rhinosinusitis, sinonasal osteoneogenesis, sinonasal tumors, or obstructive lesions
- Severe rhinosinusitis with Lund–McKay scores above 10 (relative contraindication)
  - Can do hybrid procedure in the OR.

OMC  
Obstruction

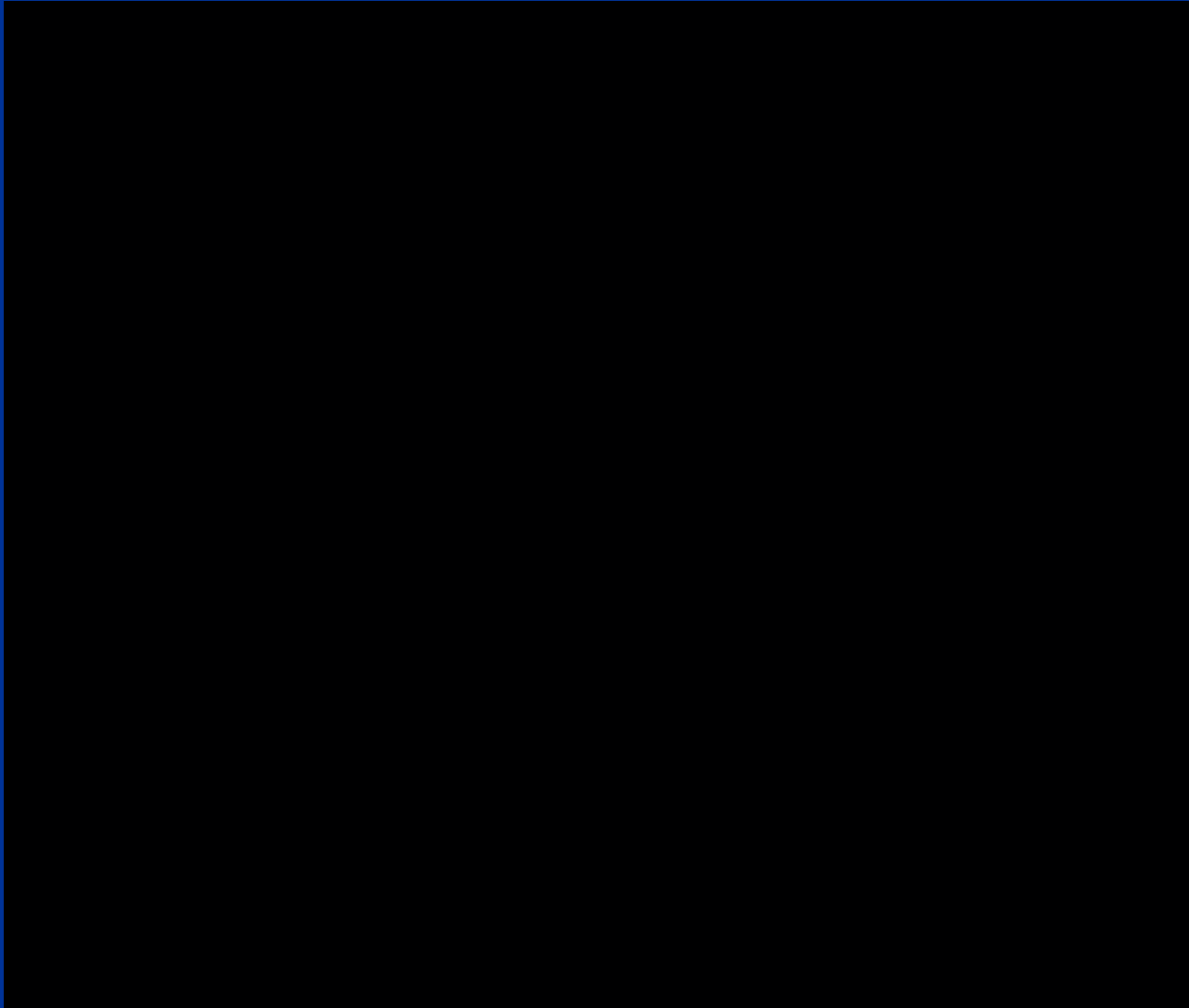


Nasal polyps





# Animation Video





- In the office setting:  
Make the patient comfortable
- Intranasal spray and cotton pledgets –  
lidocaine and oxymetazoline
- Injection: 1% lidocaine and 1:100,000  
epinephrine

## Case Study - Frontal Sinusitis



**Baseline**

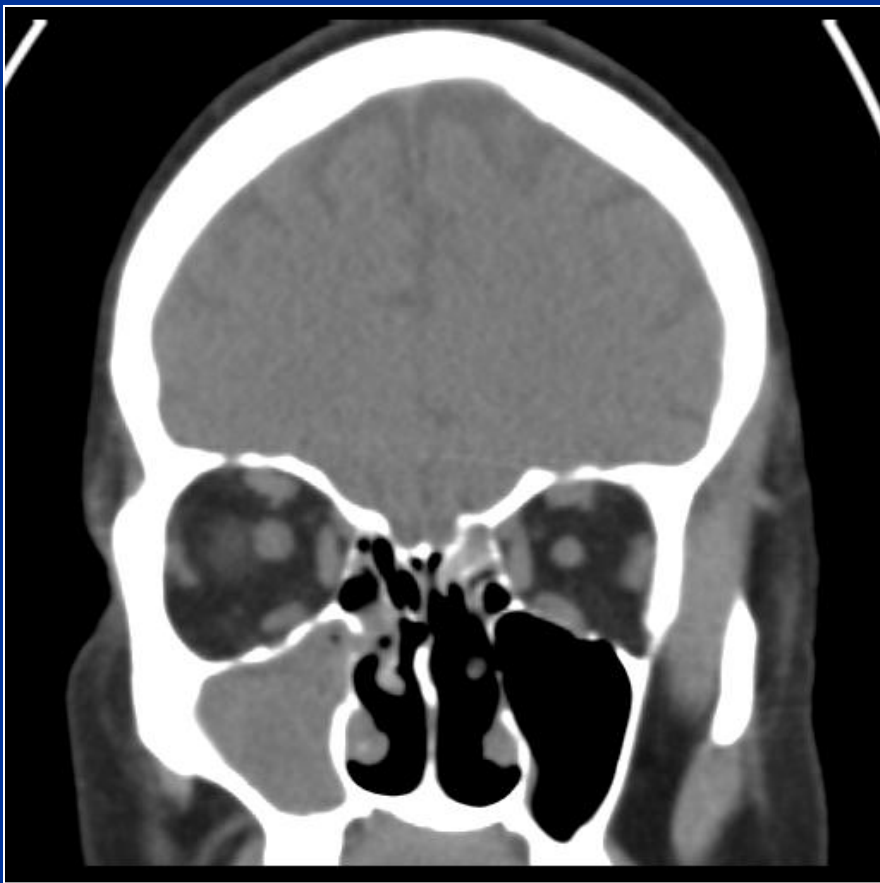


**24-weeks Post-op**

Images provided by Frederick Kuhn, MD

As reported at the AAO-HNS Annual Meeting 2006

## Case Study - Right Maxillary Sinusitis

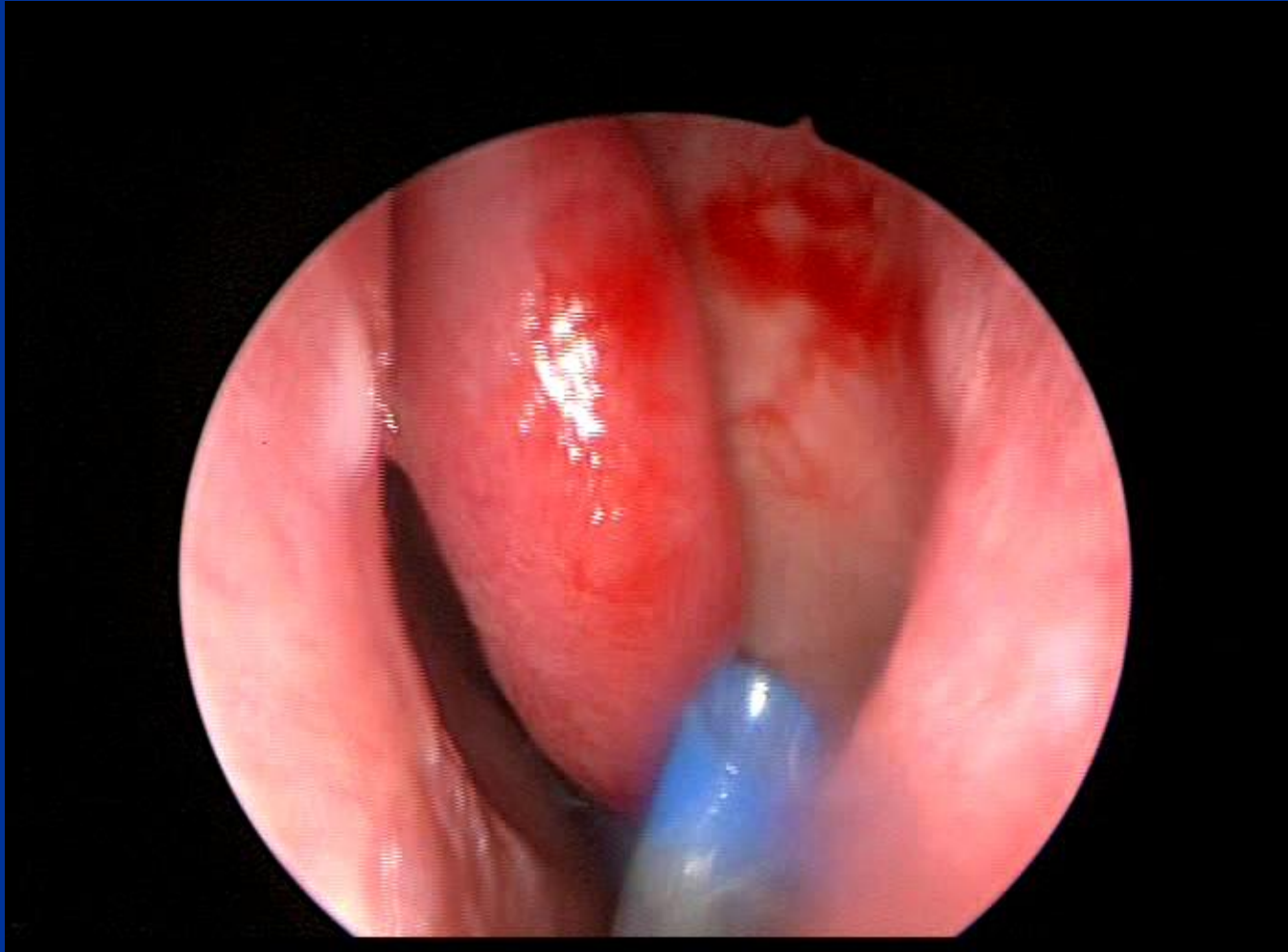


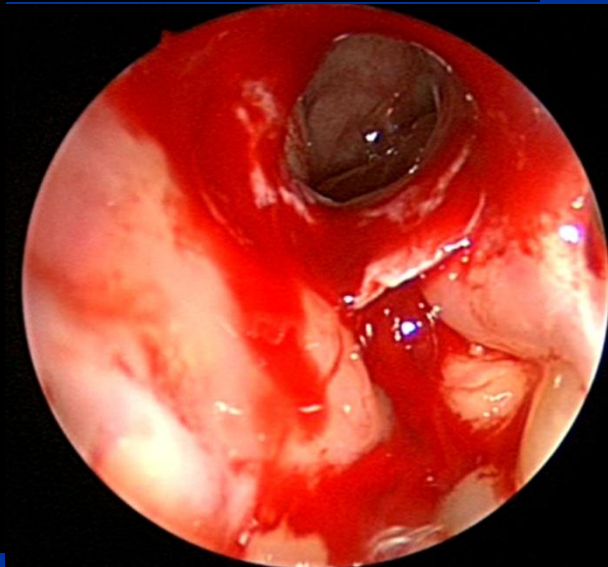
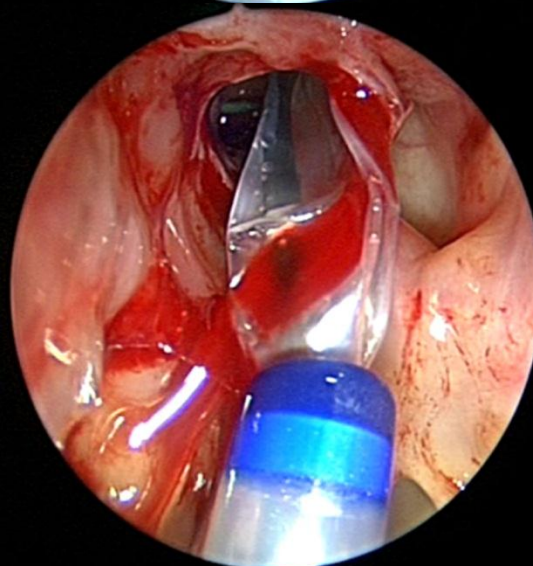
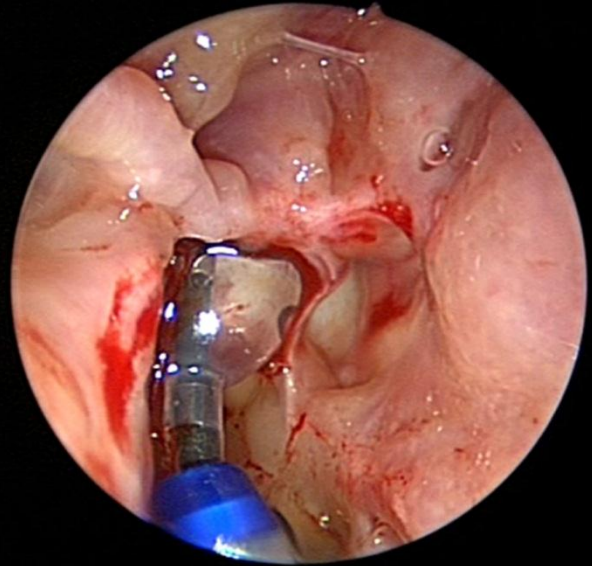
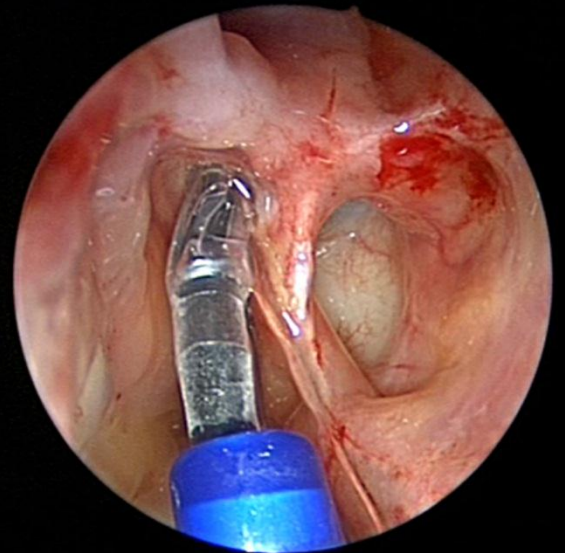
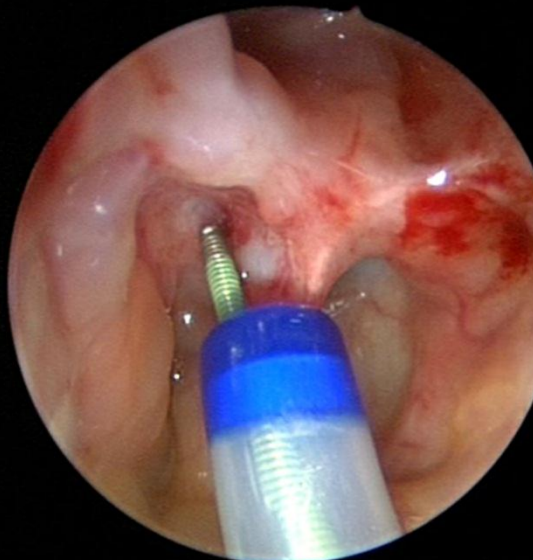
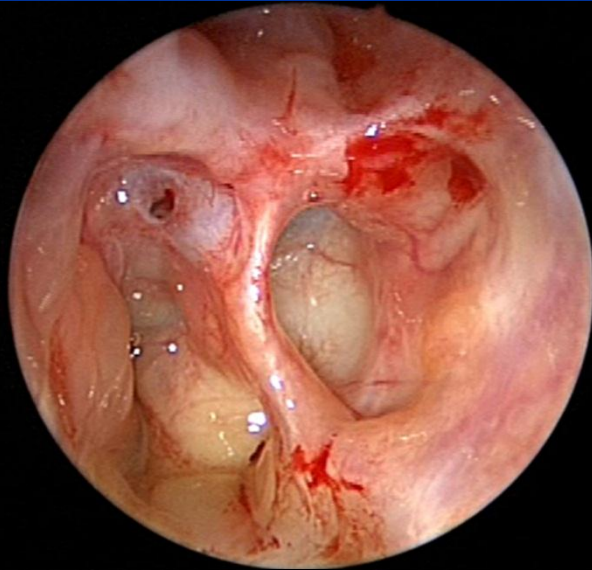
**Baseline**



**24-weeks Post-op**

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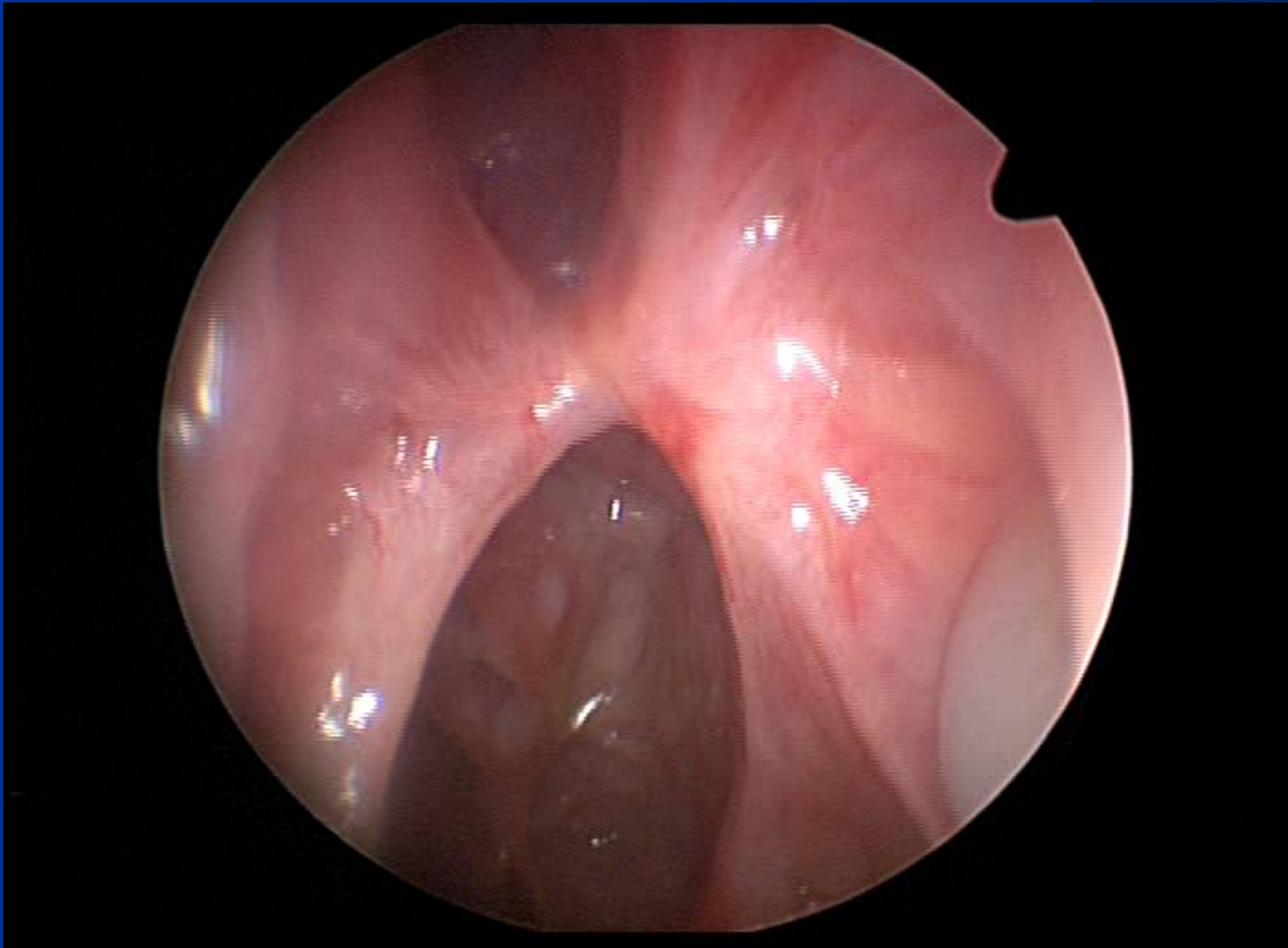


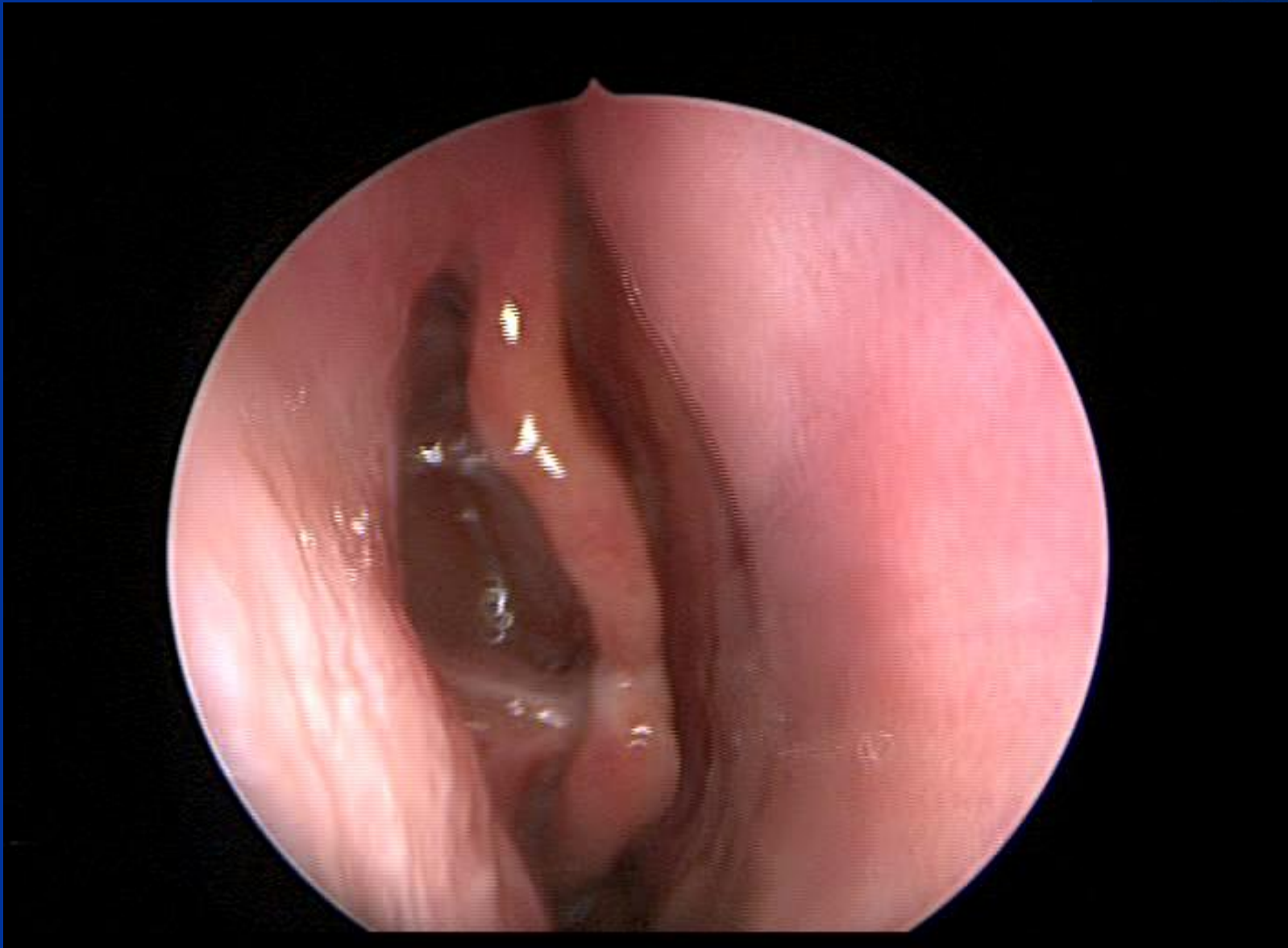


Procedure video

3 Months Postop









- **Dedicated Procedure codes:**

Maxillary dilation - 31295

Frontal dilation - 31296

Sphenoid dilation - 31297

- **Published papers/studies**

44 listed in pubmed  
“Balloon sinuplasty”

Tolerated by patients

Safe – scarced complications

Efficacious in selected patients

Can be used in hybrid procedures

**Thank you!**