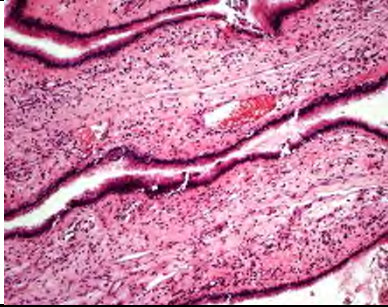
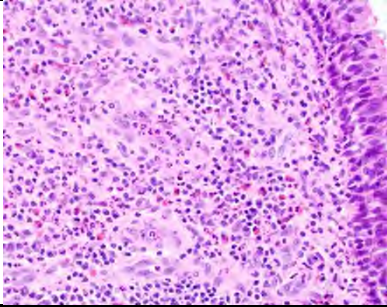
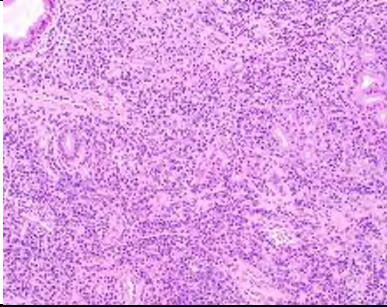
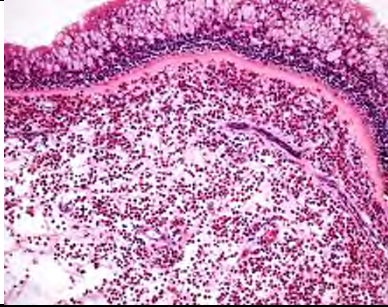
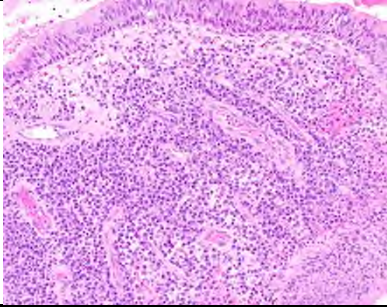
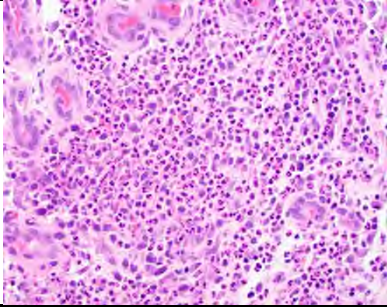
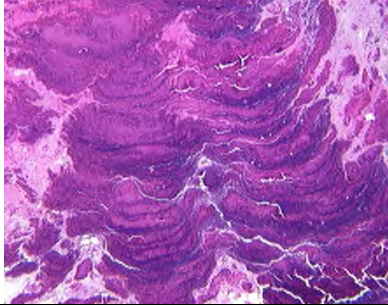
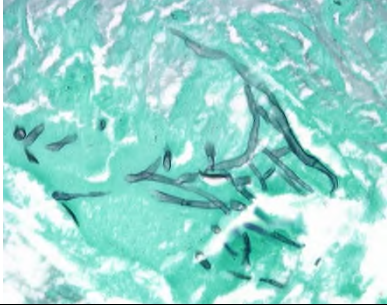
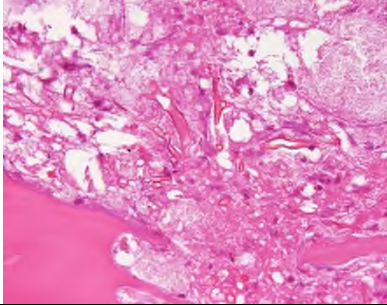
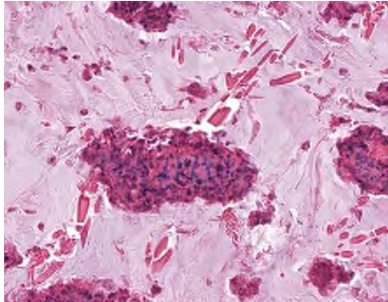
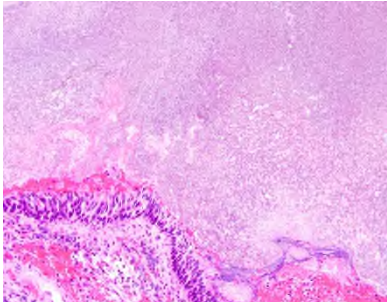
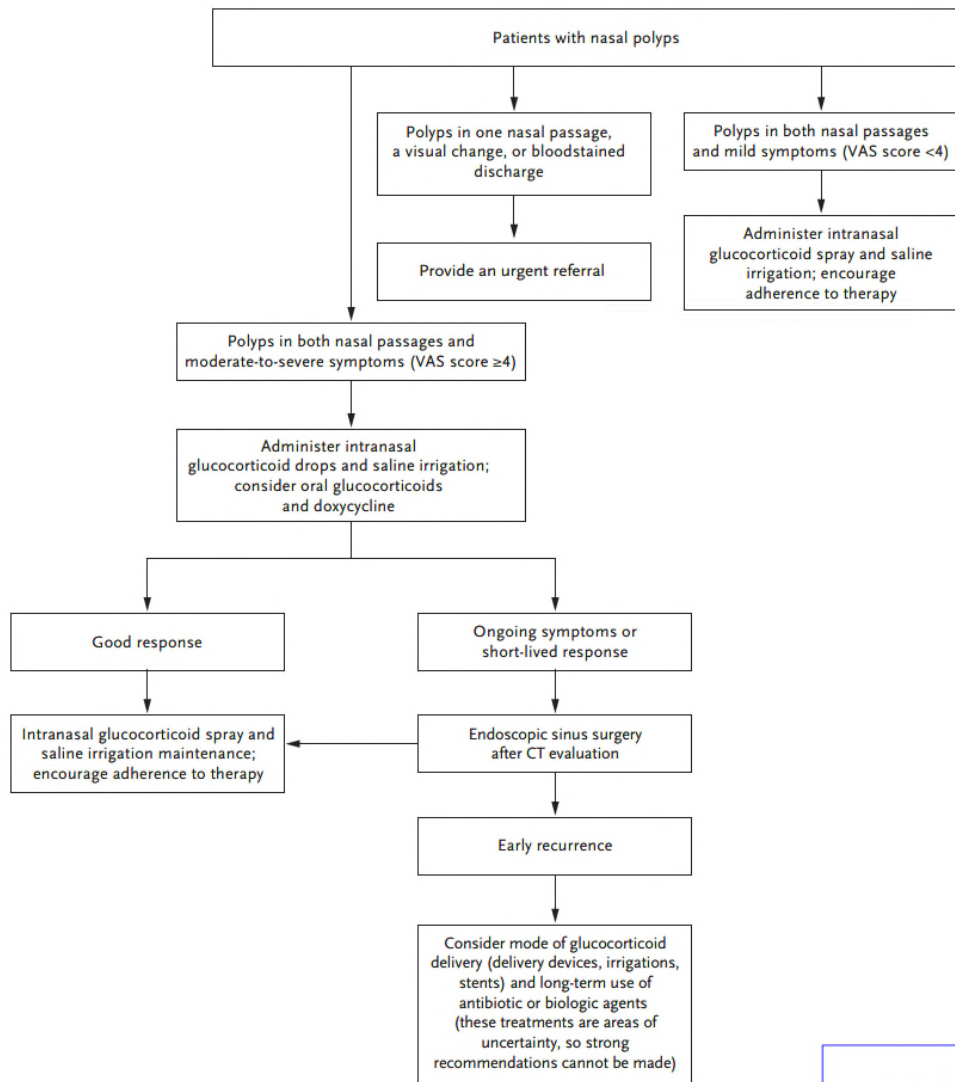


# Chronic Rhinosinusitis/Polyposis Endotype Template

Category	Qualifier		
	Mild	Moderate	Severe
Overall Degree of Inflammation			
Inflammatory Cell Predominance	<b>Eosinophilic</b>	<b>Lymphoplasmacytic</b>	<b>Neutrophilic</b>
			
Fungal Elements	<b>Identified</b>		<b>Invasive Sinusitis (Separate)</b>
			
Charcot-Leyden Crystals	<b>Identified</b>	<b>Not identified (Mycetoma Shown)</b>	
			
	<p>The elements in this guide are included to aid in endotype determination in patients with refractory chronic rhinosinusitis with or without polyps.</p> <p>The most important parameter is presence of eosinophils, and that they are increased. Allergic fungal mucin/allergic fungal sinusitis by definition has eosinophils.</p> <p style="text-align: right;">Lester D. R. Thompson, MD  <a href="http://www.LesterThompsonMD.com">http://www.LesterThompsonMD.com</a></p>		



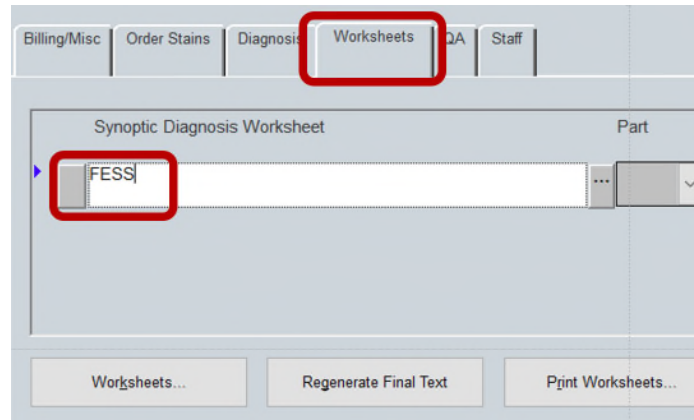
There is a well developed clinical algorithm for treating patients before the request would come to pathology (see left).

**Only** for cases that are specifically requested in adults with chronic rhinosinusitis and polyps. Request terminology in the Clinical Information field would be:

**“Eosinophil evaluation for possible targeted therapy”**

**NOT** performed for diagnostic biopsies performed for other reasons, such as any of the following: Granulomatosis with polyangiitis (old Wegener); NK/T-cell lymphoma-nasal type, eosinophilic granulomatosis with polyangiitis (old Churg Strauss), Langerhans cell histiocytosis, cocaine, sarcoid and IgG<sub>4</sub> related disease

**Here is an example of the form within SCPMG CoPath Worksheets Function:**



Nasal/Sinus FESS	
<b>Overall Degree of Inflammation</b>	
A1	Mild
A2	Moderate
A3	Severe
<b>Inflammatory Cell Predominance</b>	
B1	Eosinophilic
B2	Lymphoplasmacytic
B3	Neutrophilic
<b>Fungal Elements</b>	
C1	Identified
C2	Not Identified
<b>Charcot-Leyden Crystals (more than isolated)</b>	
D1	Identified
D2	Not Identified

Nasal/Sinus FESS	
<b>Overall Degree of Inflammation</b>	
A1	Mild
<b>A2</b>	<b>Moderate</b>
A3	Severe
<b>Inflammatory Cell Predominance</b>	
<b>B1</b>	<b>Eosinophilic</b>
B2	Lymphoplasmacytic
B3	Neutrophilic
<b>Fungal Elements</b>	
<b>C2</b>	<b>Not Identified</b>
<b>Charcot-Leyden Crystals (more than isolated)</b>	
<b>D1</b>	<b>Identified</b>
D2	Not Identified