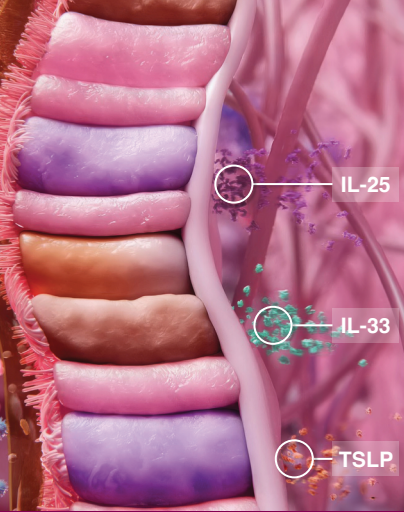




Epithelial Driven Disease Patient Cases

Gender: Female

Age: 51

Diagnosis: **Chronic rhinosinusitis with nasal polyps**

51-year-old female with frequent nasal congestion and chronic loss of smell

Background and clinical history



The patient is a 51-year-old female smoker with frequent nasal congestion and chronic loss of smell



Childhood

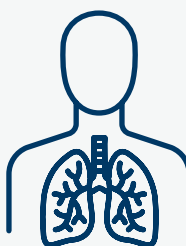
- History of allergic rhinitis as a child



Adulthood

- Began to experience rhinorrhoea symptoms in her late 30s
- Symptoms continued to worsen, and in her mid 40s her loss of smell became chronic
- Treated with topical nasal corticosteroids and oral corticosteroids which provided temporary benefit
- Diagnosed with CRSwNP

Current situation



- **Underwent successful nasal polyp surgery approximately 4 years prior**
 - Symptoms abated for <2 years before slowly beginning to increase in frequency and severity
- **The patient now experiences frequent nasal congestion and headaches, and chronic loss of smell**
- **Received one course of SCS for nasal polyps in the past year**

Gender: Female	Age: 51	Diagnosis: Chronic rhinosinusitis with nasal polyps
----------------	---------	---

51-year-old female with frequent nasal congestion and chronic loss of smell

Examination and diagnosis



Examination

- Appears mostly well, except for visible nasal polyps and thick mucoid collections

Diagnosis

- CRSwNP

Tests	
Spirometry	Normal
Biomarkers	
Blood eosinophil count	355 cells/ μ L
FeNO	20 ppb
Scores	
Nasal congestion score	3
NPS	6
SNOT-22	68
CT-LMK	19
Imaging	
CT scan	Evidence of sinonasal inflammation and nasal polyps