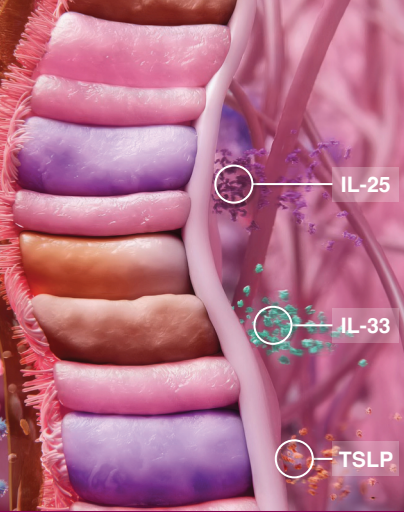




Epithelial Driven Disease Patient Cases

Gender: **Male**

Age: **68**

Diagnosis: **Chronic obstructive pulmonary disease**

68-year-old male former smoker with persistent COPD symptoms

Background and clinical history



The patient is a 68-year-old male smoker with a history of smoking for >50 pack-years and persistent COPD symptoms



Childhood

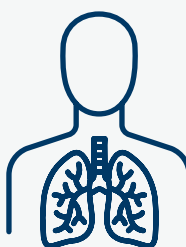
- Did not have any airway disease as a child
- Began smoking as a teenager



Adulthood

- Began to experience intermittent COPD symptoms in his early 50s
- Cough, dyspnoea and wheezing

Current situation



- **Former regular smoker with a history of smoking for >50 pack-years**
- **Exacerbation frequency is increased during an infection**
- **Struggles to complete daily tasks due to dyspnoea and constant wheezing**
- **Currently treated with triple therapy (ICS/LABA/LAMA)**

Gender: Male	Age: 68	Diagnosis: Chronic obstructive pulmonary disease
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68-year-old male former smoker with persistent COPD symptoms

Examination and diagnosis

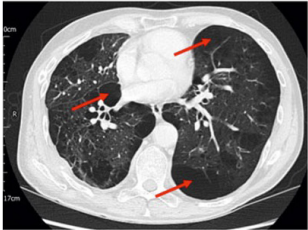


Examination

- Audible wheezing
- Appears exhausted and defeated

Diagnosis

- COPD with persistent symptoms and exacerbations



Tests	
Spirometry (FEV ₁)	6% reversibility
Pre-BD FEV ₁	1.0 L
Oxygen saturation	92%
6-minute walk	405 m
CAT	23
Biomarkers	
Blood eosinophil count	200 cells/ μ L
FeNO	18.7 ppb
Imaging	
CT scan	Consistent with emphysema
Observations	
Exacerbations in the past year	3
Requiring hospitalisation	1