



Talk Objectives

By the end of this talk you should be able to:

1. Discuss 3 nonpharmacologic treatment strategies for stable COPD patients

2. Understand and apply GOLD staging-based pharmacotherapy principles to COPD patients

3. Discuss treatment of COPD exacerbation

4. Recognize common COPD comorbidities, including the asthma-COPD overlap syndrome

Outline

• Definition

• Diagnosis/ Assessment

• Management of Stable Disease

• Management of Exacerbations

• Comorbidities

Definition of COPD

• Persistent respiratory symptoms
• Need to account for sedentary lifestyle

• Chronic airflow limitation
• Airways disease
• Parenchymal destruction

• Caused by exposures/ genetics
• Tobacco (>10 pack years)
• Biofuel burning-related air pollution
• Alpha-I Antitrypsin deficiency (mean age 46 +/- 11, basilar disease, liver disease, FH of COPD/ liver disease)

Diagnosis of COPD

• FEV₁/FVC ratio < 0.70
• Overdiagnosis in older patients
• Possible underdiagnosis in younger patients

• Lower limit of normal for FEV₁/FVC ratio

• Re-testing patients with suggestive history and symptoms with FEV₁/FVC ratio 0.7-0.8







































