

# **SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES**



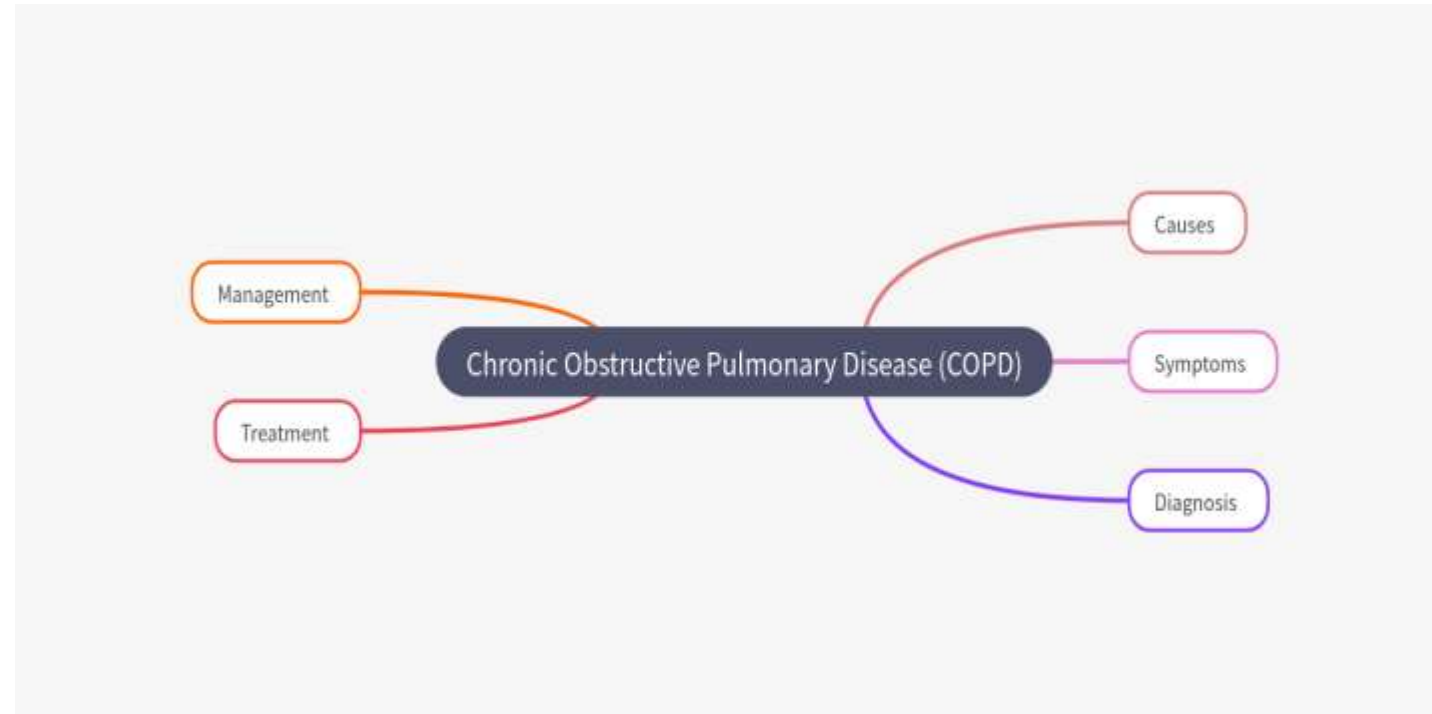
*Affiliated To The Tamil Nadu Dr. MGR Medical University, Chennai*  
*Approved by Pharmacy Council of India, New Delhi.*  
**Coimbatore -641035**

**COURSE NAME : PHARMACOTHERAPEUTICS (ER20-24T)**

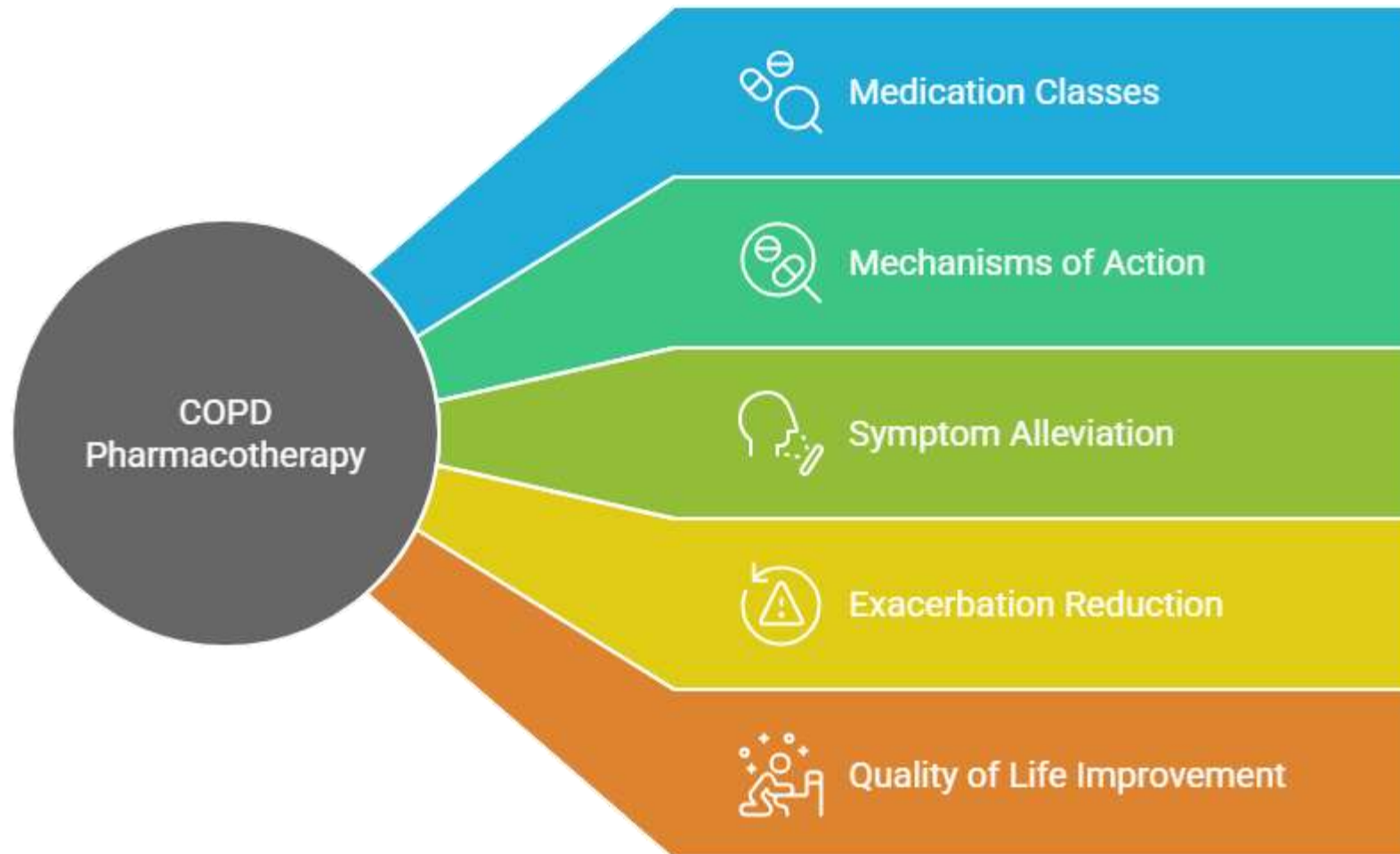
**D. PHARM II YEAR**

**TOPIC : CHRONIC OBSTRUCTIVE PULMONARY DISEASE**

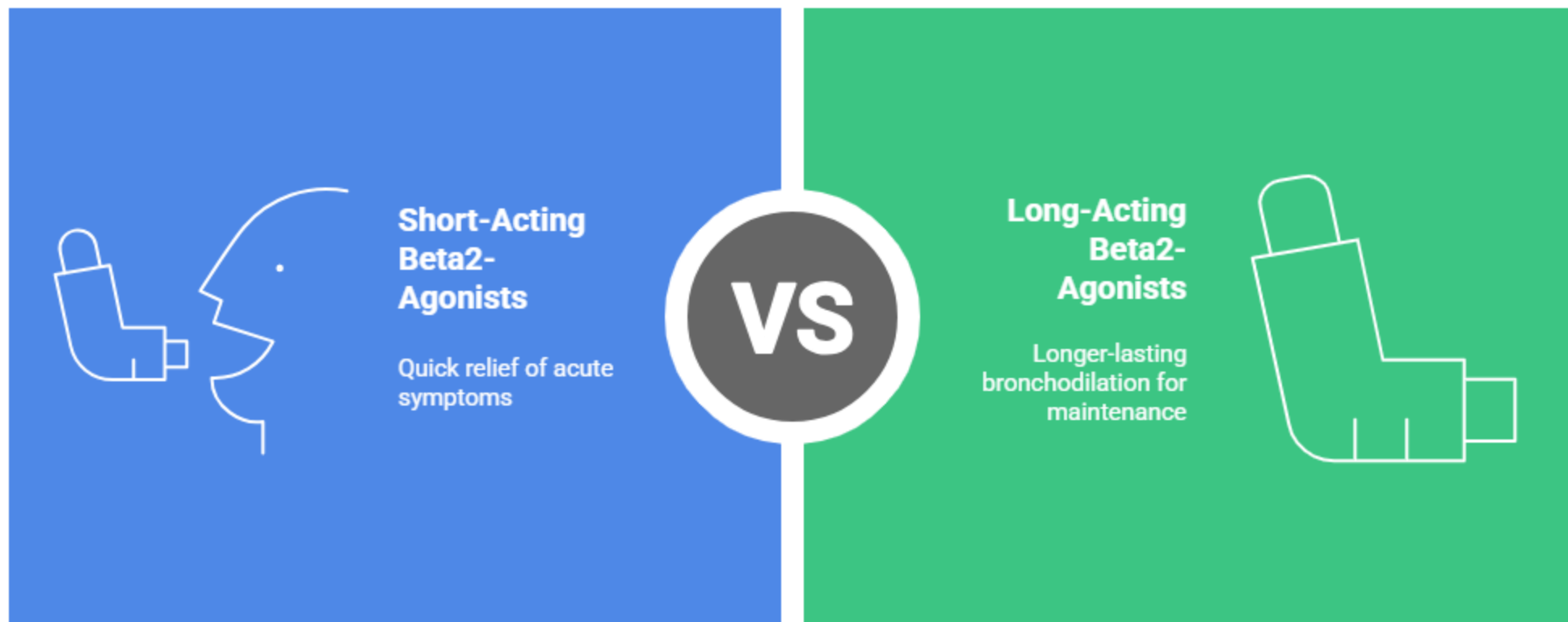
# MINDMAP



## Exploring COPD Pharmacotherapy

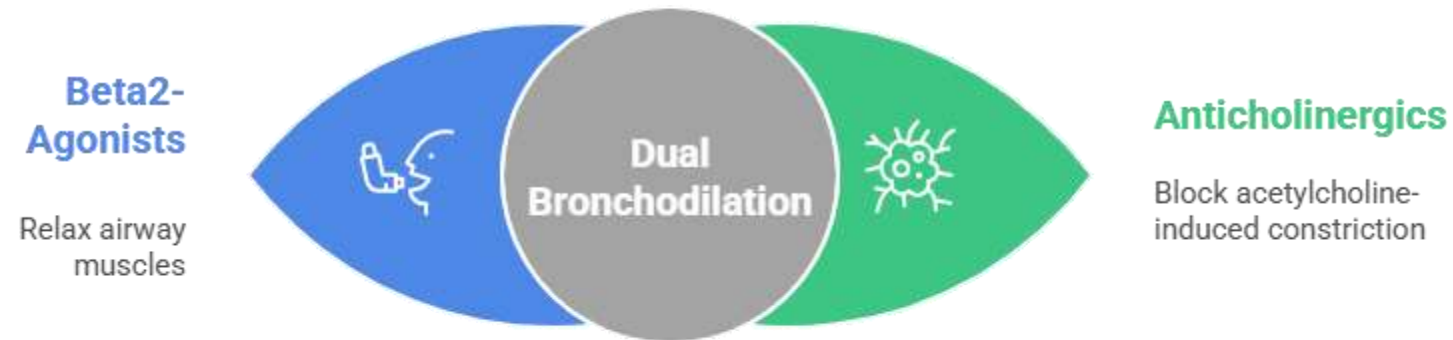


## Which type of beta2-agonist is best for COPD management?



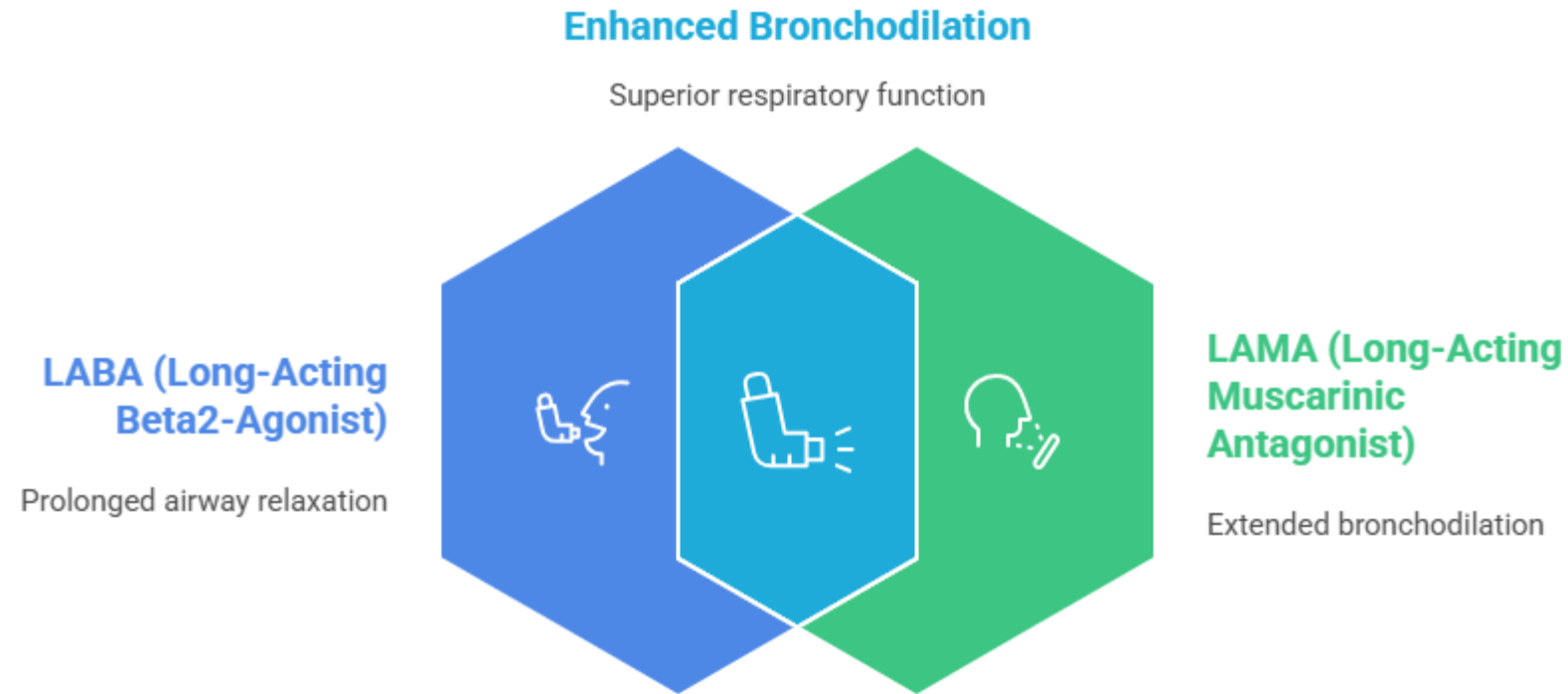
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## Overlapping Mechanisms in COPD Bronchodilation



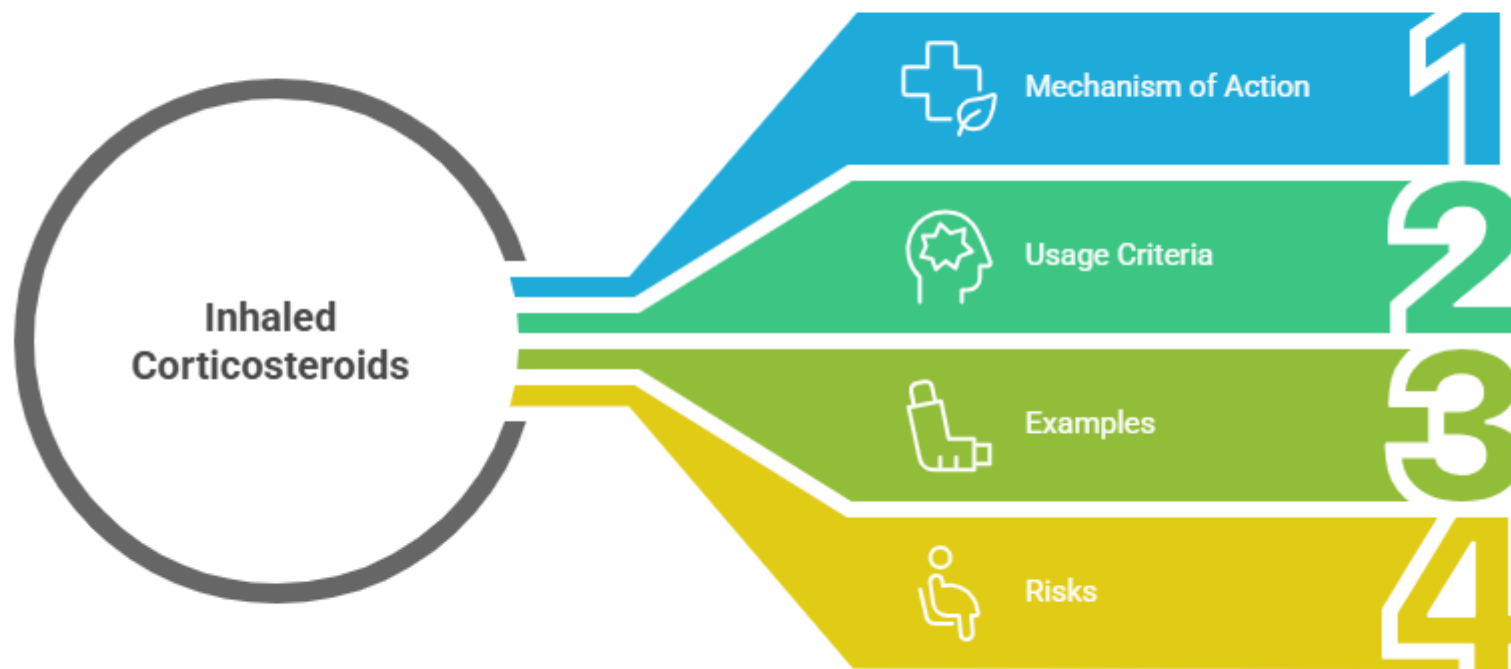
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## Synergy in COPD/Asthma Inhaler Combinations



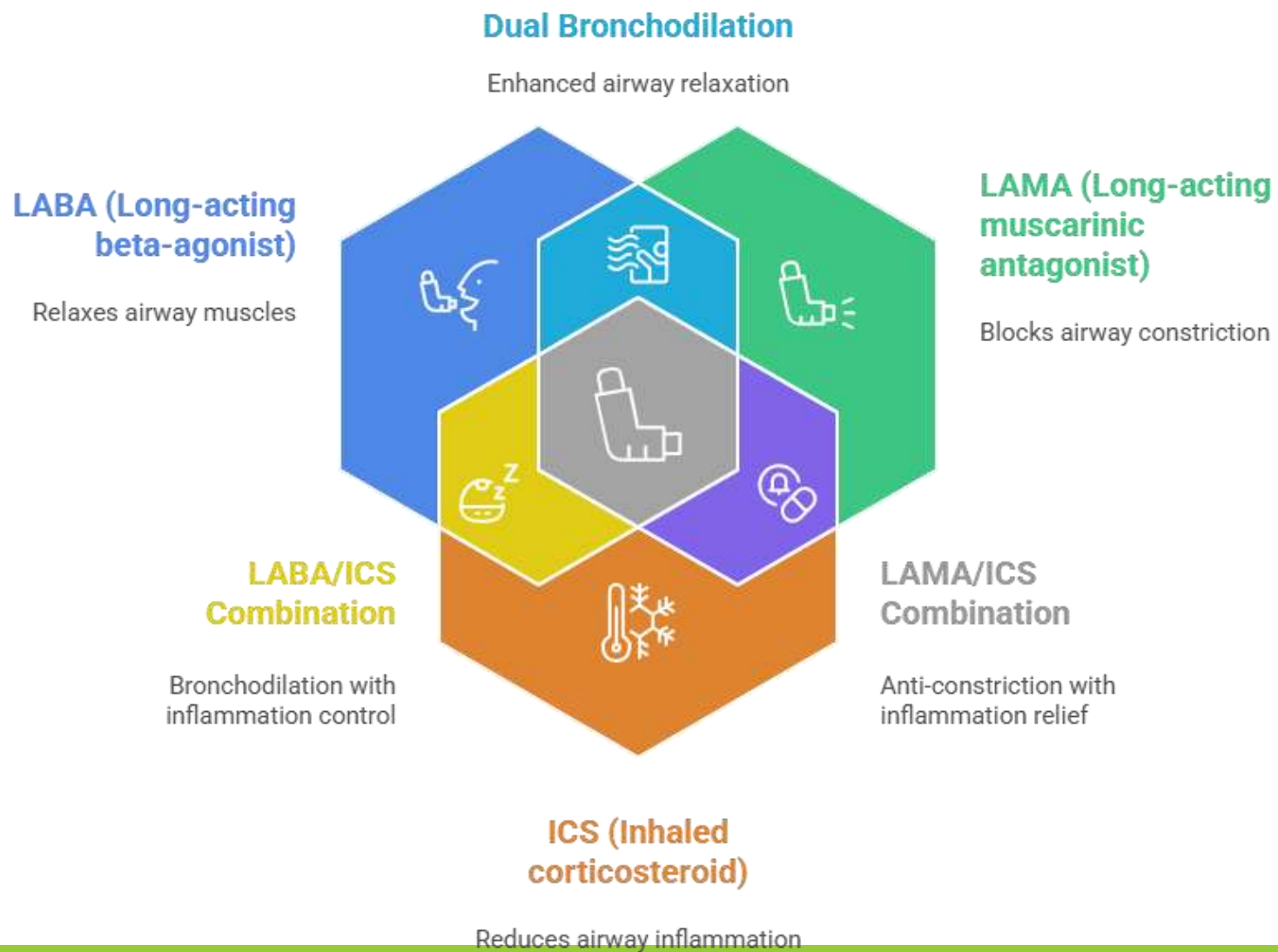
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## Unveiling the Role of Inhaled Corticosteroids in COPD



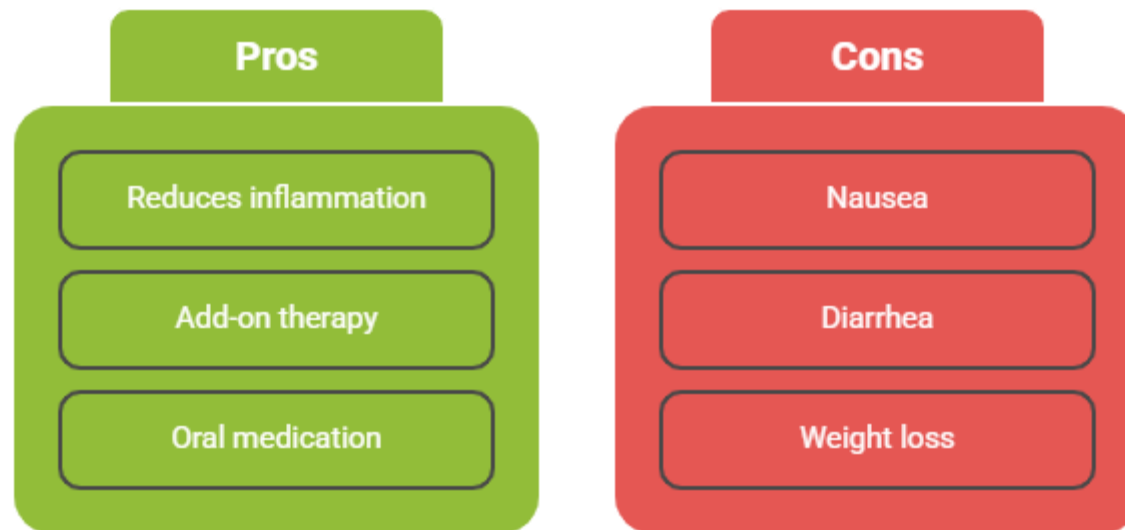
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# Maximizing COPD Control with Triple Therapy





## Roflumilast for COPD




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## Theophylline in COPD

**Pros** 

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- Mild bronchodilator
- Anti-inflammatory

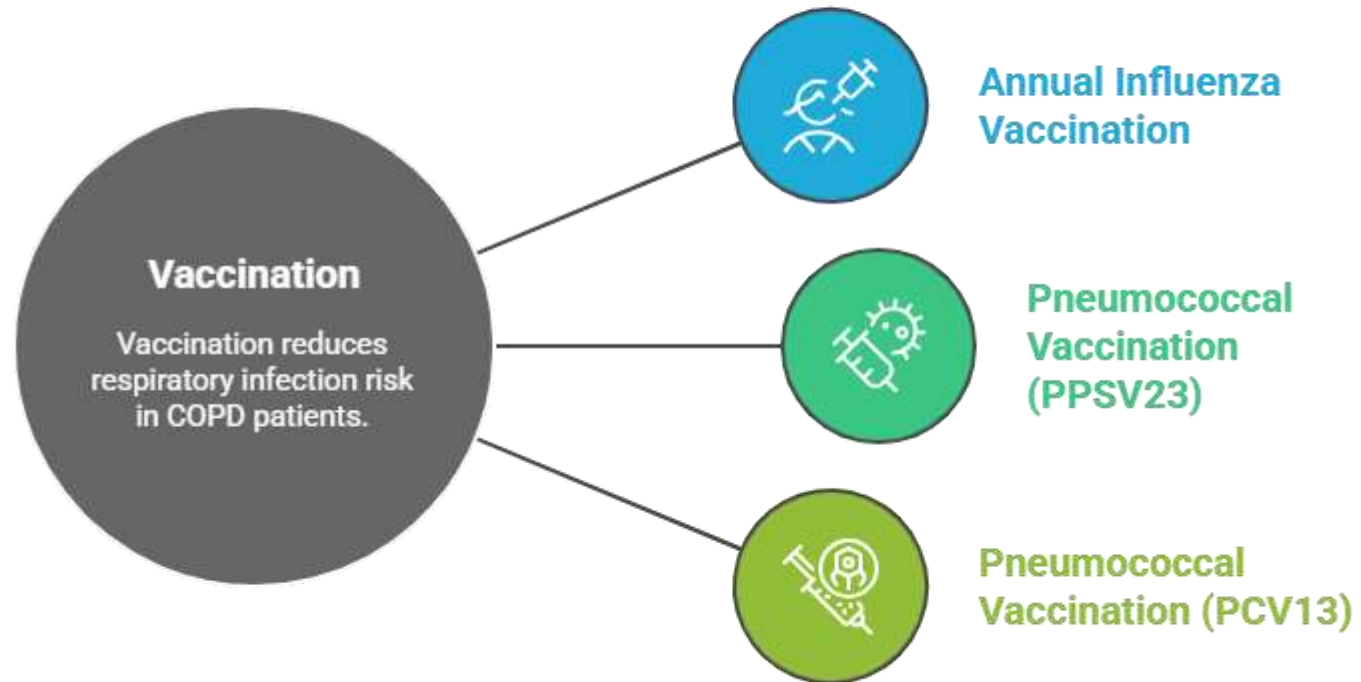
**Cons** 

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- Narrow window
- Side effects
- Rare use

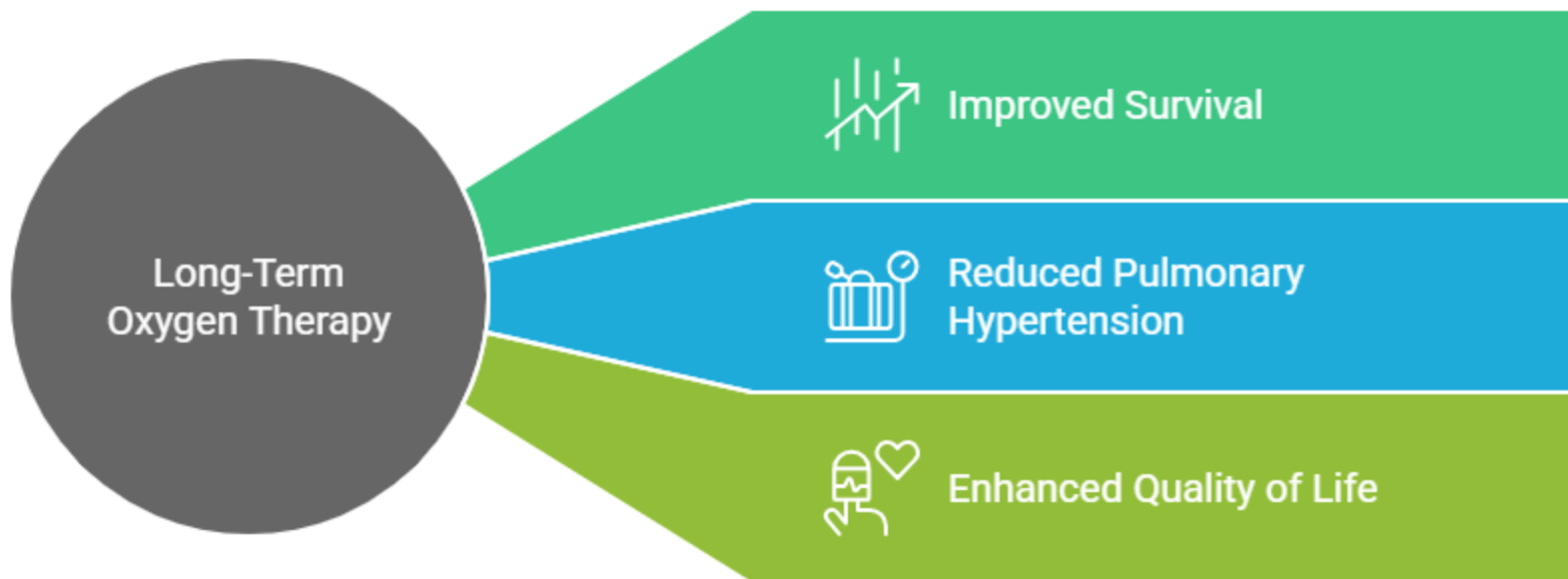
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## Enhancing COPD Management Through Vaccination



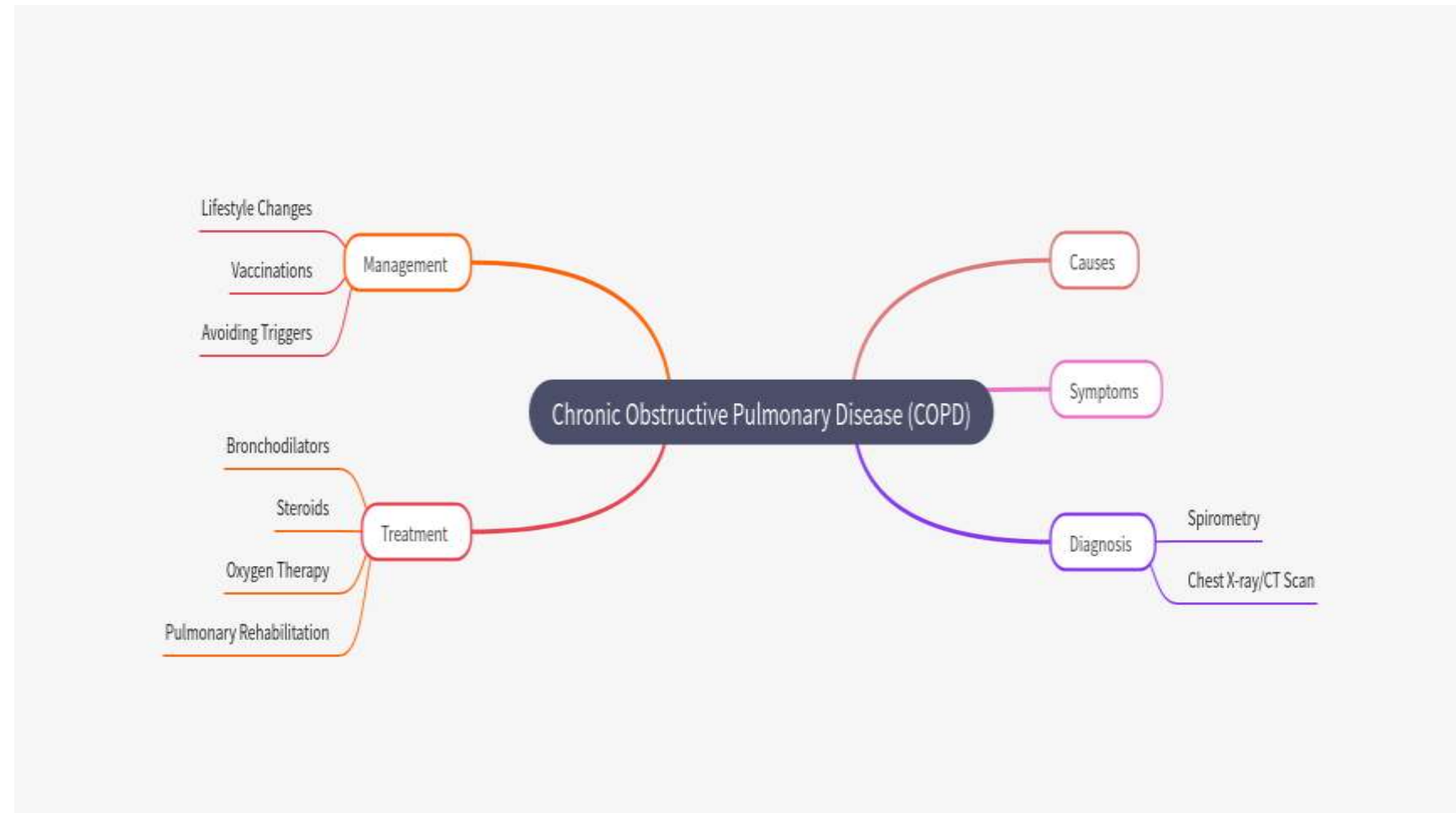
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## Unveiling the Benefits of Long-Term Oxygen Therapy



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# SUMMARY

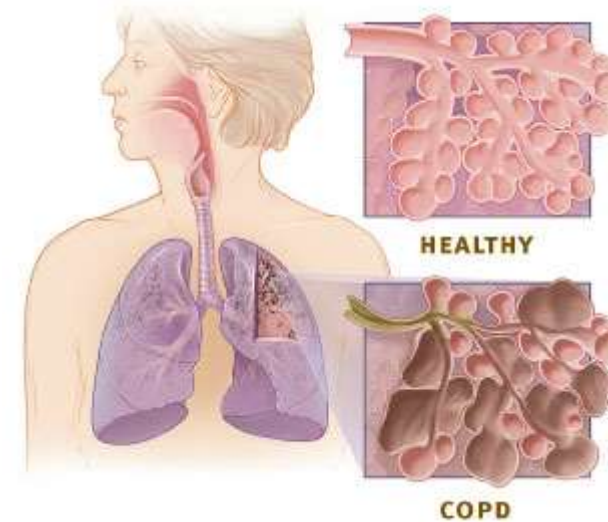


# ASSESSMENTS



1. Which of the following diseases falls under the umbrella term COPD?

- a) Asthma
- b) Pulmonary Fibrosis
- c) Emphysema & Chronic Bronchitis
- d) Pneumonia



2. What is the most crucial step to slow COPD progression?





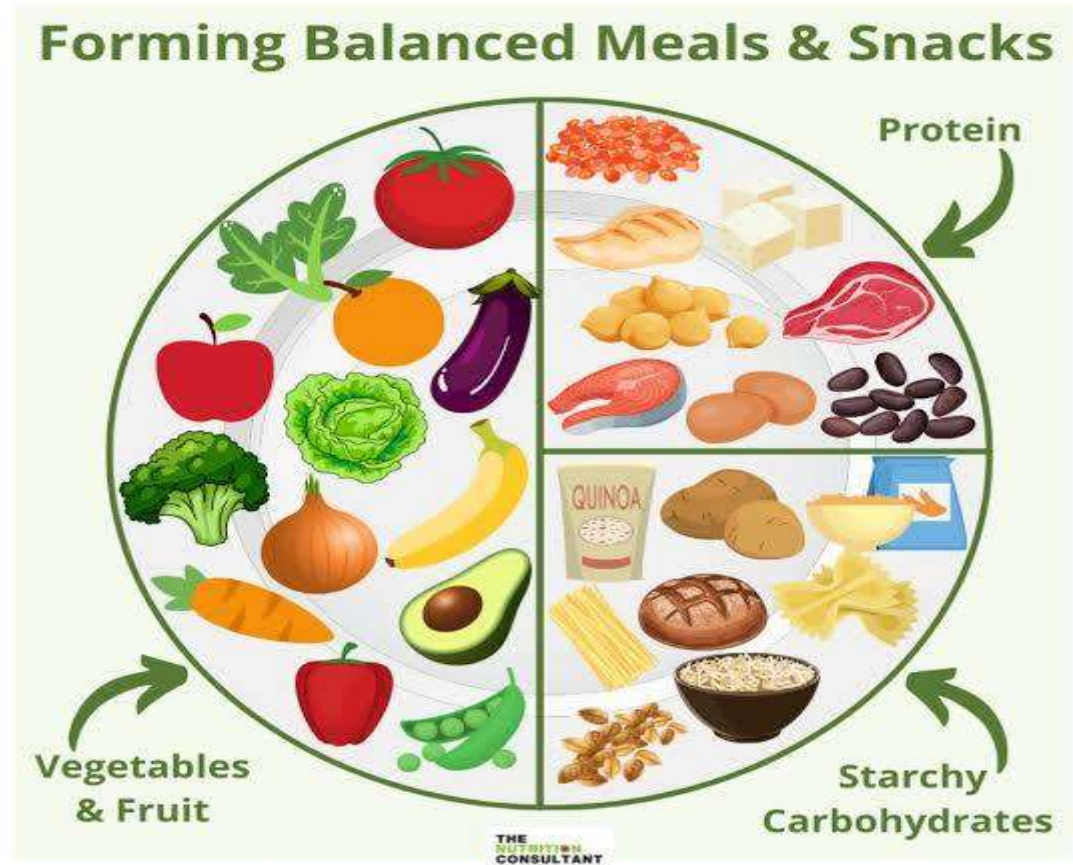
- a) Eating healthy
- b) Regular exercise
- c) Stopping smoking
- d) Avoiding triggers





3. Which dietary change helps manage COPD symptoms?

- a) Large, infrequent meals
- b) Small, frequent meals
- c) Skipping breakfast



## REFERENCES

1. Global Initiative for Chronic Obstructive Lung Disease (GOLD). Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease: 2024 report.
2. Fontana (WI): GOLD; 2024. Vogelmeier CF, Criner GJ, Martinez FJ, Anzueto A, Barnes PJ, Bourbeau J, et al. Global strategy for the diagnosis, management, and prevention of chronic obstructive lung disease 2017 report. *Am J Respir Crit Care Med.* 2017;195(5):557–82.
3. Rabe KF, Hurd S, Anzueto A, Barnes PJ, Buist SA, Calverley P, et al. Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease: GOLD executive summary. *Am J Respir Crit Care Med.* 2007;176(6):532–55.
4. Barnes PJ. Chronic obstructive pulmonary disease: effects beyond the lungs. *PLoS Med.* 2010;7(3):e1000220.
5. Vestbo J, Hurd SS, Agustí AG, Jones PW, Vogelmeier C, Anzueto A, et al. Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease: GOLD executive summary. *Am J Respir Crit Care Med.* 2013;187(4):347–65.

