



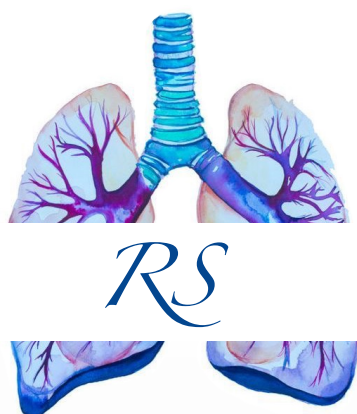
Scientific team

# *Multiple Choice QUIZ*

Dr.sofian

# Pharmacology QUIZ

About **COPD**



أَنْتَ تَسْتَطِيعُ

فَقَطِّبْ إِبْدَأْ



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1. Your asthma patient requires the addition of a daily control medication after having to use albuterol rescue inhaler over 4 times a week for the past 3 weeks. You discussed the various therapeutic options for asthma control medications with the patient and ranked their advantages and disadvantages. Which of the following options ranks the highest in causing systemic adverse effects?

- A - Albuterol MDI
- B - Levalbuterol MDI
- C - Montelukast orally
- D - Prednisone, orally
- E - Zileuton, orally



2 Which of the following statements is true regarding roflumilast?

- A - It has indirect effect on protein kinase A
- B - It has anti-inflammatory effects by decreasing cAMP levels.
- C - It is not a bronchodilator but should be used in COPD acute attacks.
- D - It is contraindicated in severe chronic bronchitis exacerbations
- E - It is widely used for COPD with minimal adverse effects.



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3 - Which of the following combinations of drug and their mechanism of action is correct:

- A - Salbutamol: stimulation of  $\beta_2$  receptor causing bronchodilation.
- B - Sodium cromolyn: mast cell activator.
- C - Aclidinium: degrades acetylcholine.
- D - Theophylline: non-selective  $\beta_2$  receptor stimulation causing bronchodilation.



ANSWERS :

- 1 - D
- 2 - A
- 3 - A

**Well done!**