

B.Sc., PHYSICIAN ASSISTANT

PHARMACOLOGY PUZZLE

UNIT - 3

TOPIC - BRONCHODILATORS

TOTAL MARKS - 10 MARKS

Puzzle: Logic Grid (Bronchodilator Matching)

Four common bronchodilators - Albuterol, Salmeterol, Ipratropium, and Tiotropium - each have a different type (SABA, LABA, SAMA, or LAMA), a primary use (asthma rescue, asthma maintenance, COPD short-term relief, or COPD long-term control), and a notable side effect (tremor, tachycardia with prolonged use, dry mouth, or urinary retention).

Use the clues to match them correctly.

Clues:

- The SABA is used for asthma rescue and causes tremor.
- Salmeterol is the LABA but not for COPD long-term control.
- The LAMA causes urinary retention and is for COPD long-term control.
- Ipratropium's side effect is dry mouth.

Bronchodilator	Type	Primary Use	Side Effect
Albuterol			
Salmeterol			
Ipratropium			
Tiotropium			

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RUBRICS:

Criterion	Marks (out of 10)
Accuracy	4
Logical reasoning / Applying	3
Conceptual understanding	2
Presentation	1
Total Marks	10 marks