

## puzzle on drugs acting on respiratory system

Here is a puzzle on drugs acting on the respiratory system that can help test knowledge of their classes and actions:

### Respiratory Drugs Puzzle

#### Clues:

1. This class of drugs relaxes bronchial smooth muscle to relieve bronchospasm in asthma and COPD.
2. These drugs suppress the cough reflex to reduce coughing.
3. This class blocks histamine H1 receptors to treat allergic rhinitis and conjunctivitis.
4. These drugs thin mucus to make it easier to clear from the airways.
5. This class includes corticosteroids used for long-term control of airway inflammation in asthma.
6. A beta2-agonist that is long-acting and used for maintenance therapy in lung diseases.
7. A muscarinic antagonist used to treat poisoning by organophosphates and also acts on the respiratory system.
8. A leukotriene receptor antagonist used to prevent exercise-induced bronchoconstriction.
9. A respiratory stimulant used in acute respiratory insufficiency in COPD patients.
10. A pulmonary surfactant used in premature infants to prevent respiratory distress syndrome.

#### Answers:

1. Bronchodilators (e.g., Salbutamol, Fenoterol)
2. Antitussives (e.g., Benzonatate, Codeine)
3. Antihistamines (e.g., Azelastine, Oxatomide)
4. Mucolytics (e.g., Bromhexine, Carbocisteine)
5. Corticosteroids (e.g., Beclomethasone, Budesonide, Fluticasone)
6. Long-acting beta2-agonists (e.g., Bambuterol, Formoterol, Olodaterol)
7. Atropine
8. Montelukast
9. Doxapram
10. Beractant or Poractant alfa

This puzzle covers major drug classes and examples acting on the respiratory system, useful for pharmacology learning or review<sup>[\[1\]](#) [\[2\]](#) [\[3\]](#) [\[4\]](#)</sup>.



# cross world puzzle

Here is a crossword-style puzzle focused on drugs acting on the respiratory system, useful for learning or review:

## Respiratory Drugs Crossword Puzzle

### Across

4. Phosphodiesterase inhibitor with narrow therapeutic index and numerous drug interactions (e.g., Theophylline)
5. Leukotriene modifying agent with boxed warning of neuropsychiatric events (e.g., Montelukast)
6. Property that differentiates airflow limitation by bronchoconstriction in asthma from COPD (e.g., Reversibility)
7. Brand name of Budesonide/Formoterol combination inhaler (e.g., Symbicort)
9. Most common short-acting beta-2 agonist used for acute asthma symptoms (e.g., Salbutamol)

### Down

1. Brand name for the R-isomer of albuterol (e.g., Levalbuterol)
2. Long-acting beta-2 agonist used in combination with Umeclidinium and Fluticasone to form Trelegy Ellipta (e.g., Vilanterol)
3. Device used to turn liquid medication into a fine mist for inhalation (e.g., Nebulizer)
4. Condition prevented by rinsing mouth after inhaled corticosteroids use (e.g., Thrush)
5. Generic name for Wixela, a generic inhaler (e.g., Fluticasone/Salmeterol)

This puzzle integrates drug names, classes, inhaler devices, and clinical considerations related to respiratory pharmacology<sup>[5]</sup> <sup>[6]</sup>. It can be printed or adapted digitally for educational use<sup>[7]</sup> <sup>[8]</sup> <sup>[6]</sup>.



1. <https://go.drugbank.com/categories/respiratory-system-agents>
2. <https://www.slideshare.net/slideshow/drugs-used-on-respiratory-system/110993555>
3. <https://www.slideshare.net/slideshow/drugs-acting-on-respiratory-system-245498837/245498837>
4. [https://www.basu.org.in/wp-content/uploads/2020/04/3.\\_Drugs\\_acting\\_on\\_Respiratory\\_System.pptx](https://www.basu.org.in/wp-content/uploads/2020/04/3._Drugs_acting_on_Respiratory_System.pptx)
5. <https://go.drugbank.com/categories/respiratory-system-agents>
6. <https://crosswordlabs.com/view/respiratory-system-puzzle-4>
7. [https://wordmint.com/public\\_puzzles/2641578](https://wordmint.com/public_puzzles/2641578)
8. [https://www.educaplay.com/learning-resources/7348574-respiratory\\_drugs.html](https://www.educaplay.com/learning-resources/7348574-respiratory_drugs.html)

