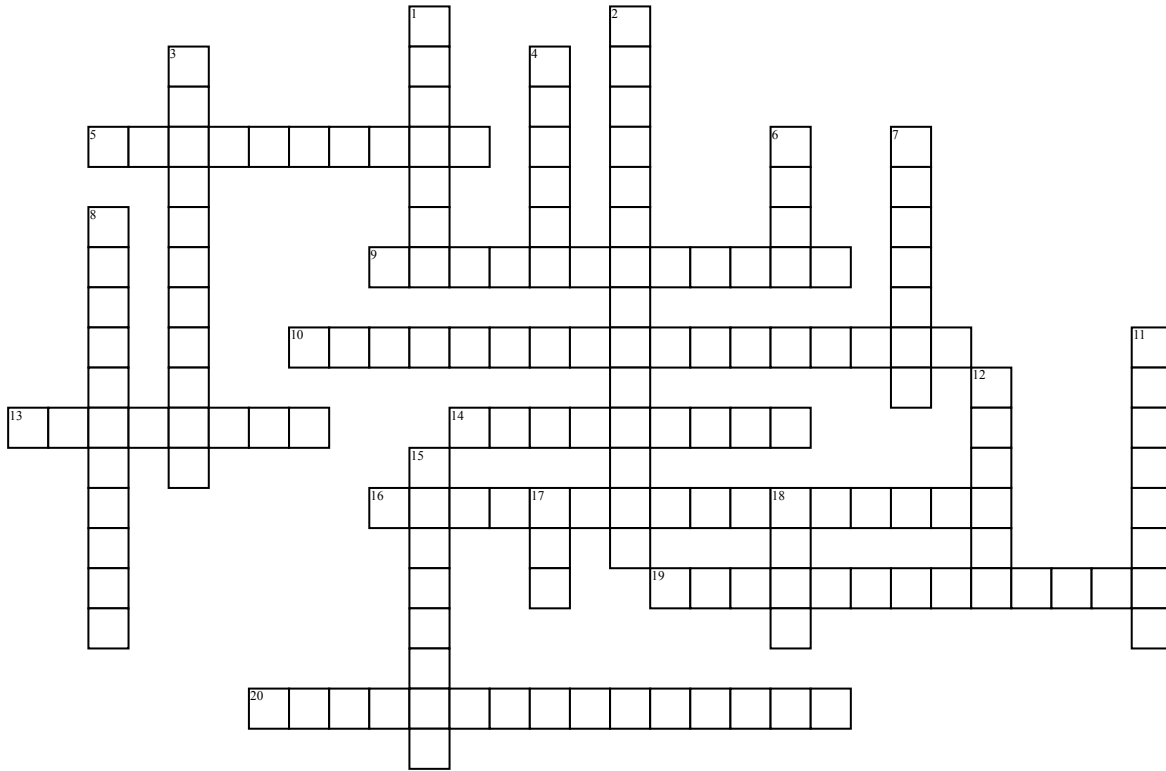


# Humidity and Aerosol Therapy



## Across

5. Type of nebulizer which doesn't compress air, they operate very quietly, tend to be much smaller in size
9. A hazard of aerosol therapy
10. Father of the science of pharmacy, who prescribed inhaled fumigation in the first century
13. type of humidifier where air literally "passes over" the water in the humidifier on its journey from the machine to the mask
14. Provides the most reliable measure of aerosol output
16. This medication can reduce the severity of asthmatic symptoms and nonspecific bronchial hyperreactivity in children with stable, nontoxic asthma

19. Given orally as a single dose at 0.6 mg/kg, is highly efficacious in treating croup symptoms

20. Inhaled \_\_\_\_\_ may be considered as an alternative to dexamethasone for treating individual infants with severe CLD

## Down

1. Often heard without a stethoscope
2. In the 20th century, adrenal extract was recognized as a \_\_\_\_\_
3. Indians of Madras used fumigations of \_\_\_\_\_ to treat asthma
4. valved holding chambers are lined on the inside with an anti-\_\_\_\_\_ coating
6. These are inexpensive, do not need propellants, and do not require the hand-breath coordination needed for pMDI

7. Continuous, musical sounds, high or low pitched.

8. Found to increase the pourability and reduce the viscoelasticity of CF sputum in vitro and to increase its mucociliary transportability

11. Dr Auphon Euget-Les Bain invented the \_\_\_\_\_ in 1849

12. a major adverse effect of ribavirin when orally administered

15. Patients with asthma may require 3 additional puffs of \_\_\_\_\_ to achieve a clinical benefit similar to Proventil or ProAir.

17. Harmful to the ozone layer

18. Used to administer aerosolized ribavirin