

# THE RESPIRATORY SYSTEM

## ANATOMY [FORM]

- I. UPPER RESPIRATORY TRACT
  - A. External nares (nostrils)
  - B. Nasal cavity
  - C. Pharynx
- II. LOWER RESPIRATORY TRACT
  - A. Larynx
  - B. Trachea
  - C. Bronchial tree
    - 1. primary, secondary & tertiary branches
    - 2. bronchioles
    - 3. terminal bronchioles
  - D. Lungs
    - 1. respiratory bronchioles
    - 2. alveolar ducts
    - 3. alveolar sacs
    - 4. alveoli



## PHYSIOLOGY (FUNCTION)

- I. EXTERNAL RESPIRATION
  - A. Pulmonary Ventilation (bulk flow)  
[Conduction Zone]
  - B. Alveolar ventilation (diffusion)  
[Respiratory Zone]
- II. INTERNAL RESPIRATION (Cellular)

