

**Across**

- 5 movement of air into lungs
- 7 passage from the nostrils to the back of the throat through which air enters the body
- 8 gas exchange structures within the lungs (singular: alveolus)
- 9 system responsible for gas exchange (bringing oxygen into the body and removing carbon dioxide from the body)
- 10 is an obstructive respiratory disorder in which the walls of the alveoli break down and lose their elasticity
- 12 passageways that branch from bronchi into lobes of lungs
- 13 is a serious genetic condition that affects the lungs.
- 17 additional volume of air that can be forced out of the lungs, beyond a regular expiration
- 19 is a bacterial or viral infection of the tonsils, which are located in the pharynx. Viral is more common.
- 20 amount of gas left in lungs after a full expiration
- 21 total volume of gas that can be moved in or out of lungs
- 23 volume of air inspired and expired in normal breathing at rest
- 24 sheet of muscle separating thoracic and abdominal cavities
- 25 flap of cartilage over entrance of trachea

Down

- 1 are the principal organs of respiration. Site of gas exchange in the human body.
- 2 passageways that branch from trachea into lungs (singular: bronchus)
- 3 is a lung disorder that is caused by the swelling and irritation of the pleura, the membranes that surround the lungs.
- 4 is an inflammation of the larynx.
- 5 the additional volume of air that can be taken into the lungs, beyond a regular inspiration
- 6 is a chronic obstructive lung disease that affects the bronchi and bronchioles, making breathing difficult or impossible because of reduced air flow.
- 11 passage way that connects back of mouth and nasal cavity to larynx and esophagus
- 14 is a disorder that causes the bronchi to become inflamed and filled with mucus, which is expelled by coughing.
- 15 is a disease that occurs when the alveoli in the lungs become inflamed and fill with liquids.
- 16 is the uncontrolled and invasive growth of abnormal cells in the lungs. It is the leading cause of cancer deaths for men and women in Canada.
- 18 movement of air out of lungs
- 22 flexible tube through which air moves from the mouth to the bronchi

