Gas exchange

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| **Across****3.** Has an effect on breathing rate, the more you do the higher your breathing rate **11.** Found centrally in the thorax**13.** the process of drawing air into and out of the lungs **14.** This model represents the lungs in a limited way**16.** Process by which gas exchange occurs in the lungs **17.** A carcinogen found in cigarette smoke**18.** A chemical process by which energy is released **21.** Sheet of muscle that allows the thorax to ventilate **22.** A good \_\_\_\_\_\_ \_\_\_\_\_\_ maintains the concentration gradient in the lungs**23.** Small sac where gas exchange takes place **24.** the process of breathing in  | **Down****1.** An addictive chemical found in cigarettes **2.** An infection of the bronchi**4.** The process of breathing out air **5.** Two of these carry air into each lung **6.** A mechanical process to get oxygen into, and carbon dioxide out of, the lungs **7.** An abbreviation for a disease that affects the heart, caused by the nicotine and carbon monoxide found in cigarettes **8.** Causes a range of lung conditions**9.** Artery that carries blood between the heart and lungs **10.** A gas produced in respiration that is passed out of the body from the lungs **12.** Another name for the chest cavity **15.** Allows air to pass from the mouth to the lungs **19.** Allows the lungs to move over one another without friction**20.** Where the walls of the alveoli are damaged and fuse together  |