

# Gas exchange in humans

## IGCSE Biology · Vocabulary

| English             | 中文   | Pinyin            |
|---------------------|------|-------------------|
| gas exchange        | 气体交换 | qì tǐ jiāo huàn   |
| oxygen              | 氧气   | yǎng qì           |
| carbon dioxide      | 二氧化碳 | èr yǎng huà tàn   |
| diffusion           | 扩散   | kuò sǎn           |
| surface area        | 表面积  | biǎo miàn jī      |
| ventilation         | 通气   | tōng qì           |
| larynx              | 喉    | hóu               |
| trachea             | 气管   | qì guǎn           |
| bronchi             | 支气管  | zhī qì guǎn       |
| bronchioles         | 细支气管 | xì zhī qì guǎn    |
| alveoli             | 肺泡   | fèi pào           |
| capillaries         | 毛细血管 | máo xì xuè guǎn   |
| ribs                | 肋骨   | lèi gǔ            |
| diaphragm           | 膈肌   | gé jī             |
| intercostal muscles | 肋间肌  | lè jiān jī        |
| cartilage           | 软骨   | ruǎn gǔ           |
| pressure            | 压力   | yā lì             |
| thorax              | 胸腔   | xiōng qiāng       |
| inhaling            | 吸气   | xī qì             |
| exhaling            | 呼气   | hū qì             |
| water vapour        | 水蒸气  | shuǐ zhēng qì     |
| limewater           | 石灰水  | shí huī shuǐ      |
| concentration       | 浓度   | nóng dù           |
| brain               | 大脑   | dà nǎo            |
| rate                | 速率   | sù lǜ             |
| goblet cells        | 杯状细胞 | bēi zhuàng xì bāo |
| mucus               | 黏液   | nián yè           |
| pathogens           | 病原体  | bìng yuán tǐ      |
| particles           | 粒子   | lì zǐ             |
| ciliated cells      | 纤毛细胞 | xiān máo xì bāo   |