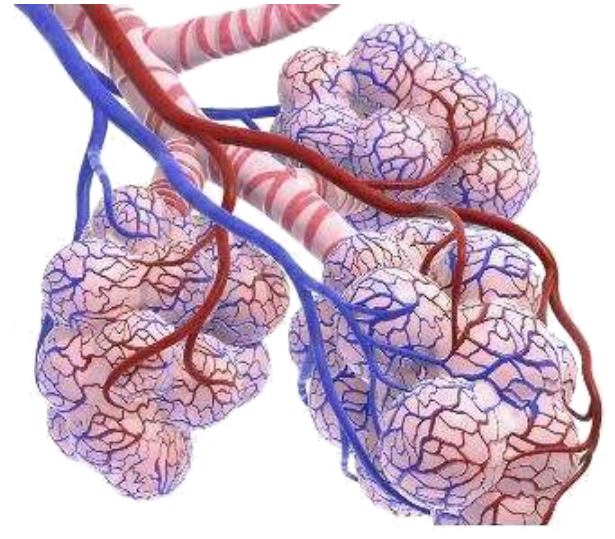




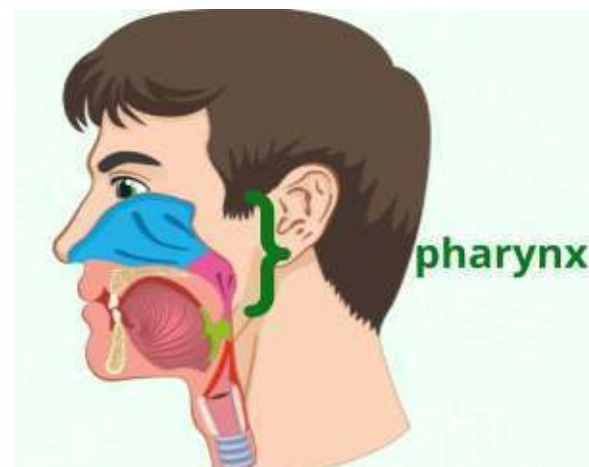
! - de dioxygène  
! + de dioxyde de carbone  
expiration

inspiration  
dioxygène  
dioxyde de carbone

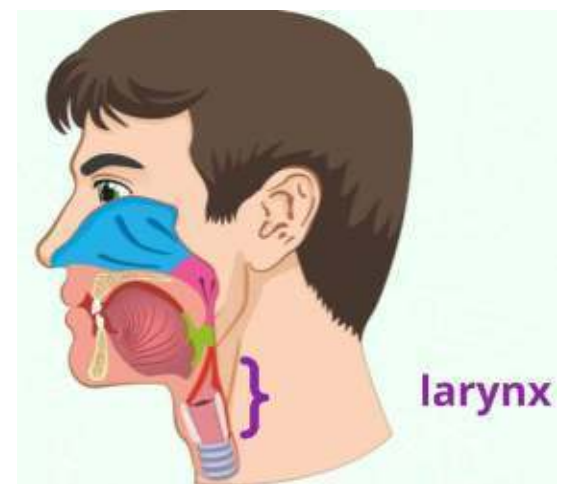
échanges entre l'air et le sang



alvéoles pulmonaires



pharynx



larynx



bronchioles



trachée

bronches



poumons

