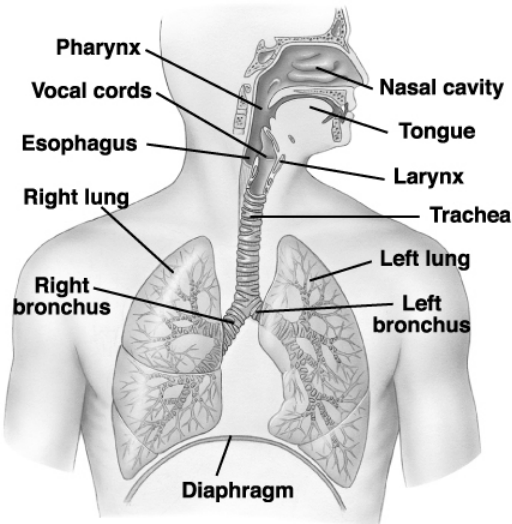


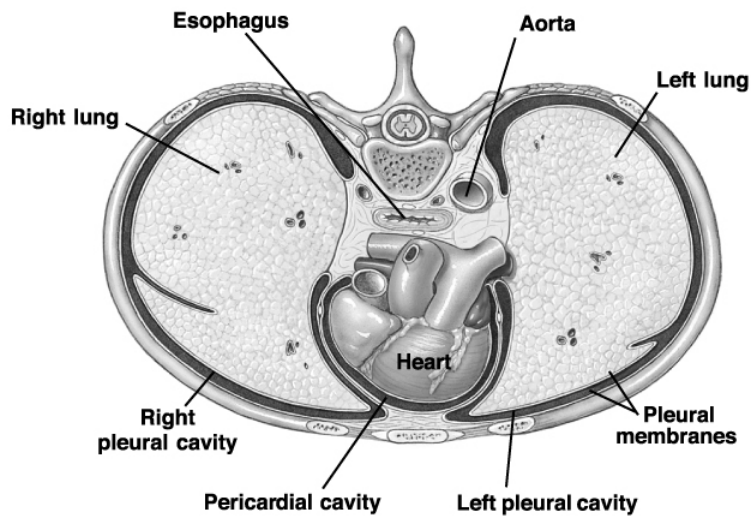
The respiratory system

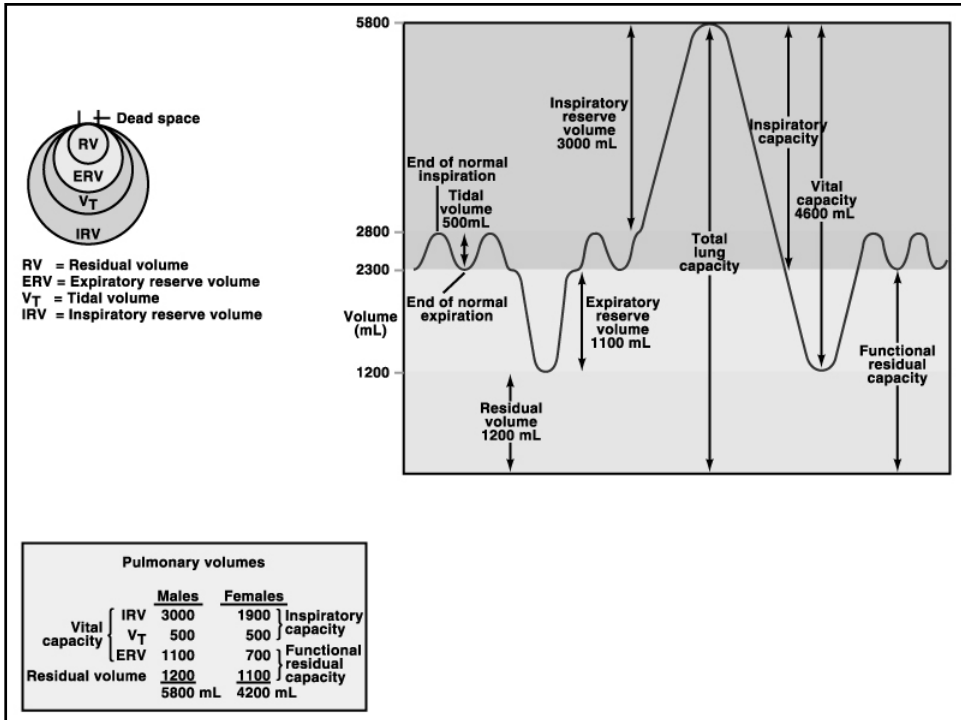
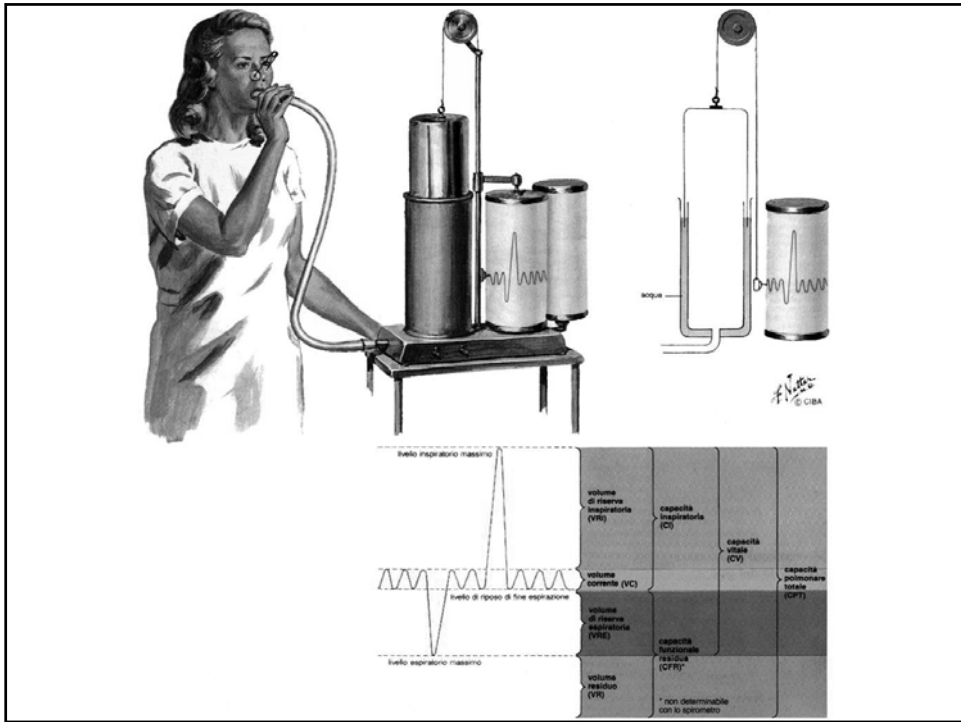
The respiratory system consists of the upper respiratory system (mouth, nasal cavity, pharynx, larynx) and the lower respiratory system (trachea, bronchi, lungs). The lower respiratory system is enclosed in the thorax, bounded by the ribs, spine, and diaphragm.

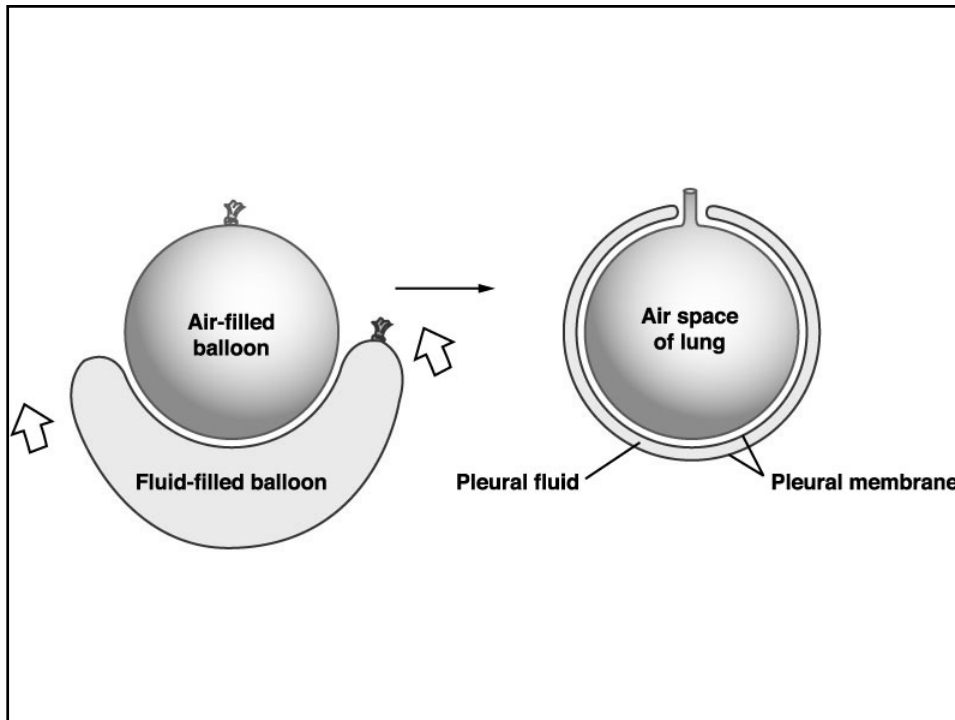
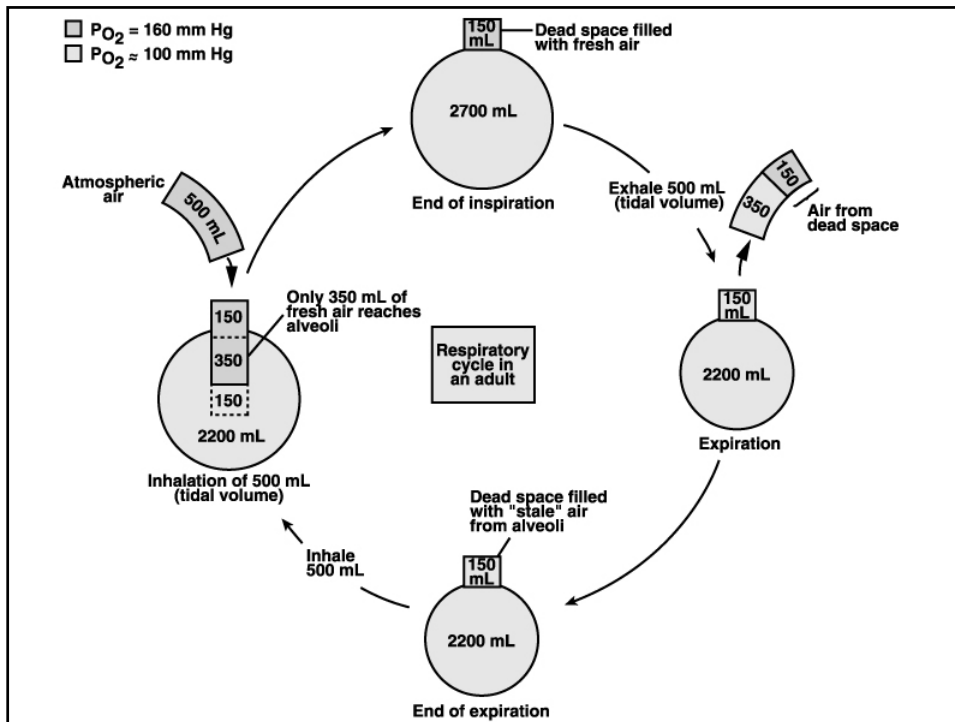


Sectional view of chest

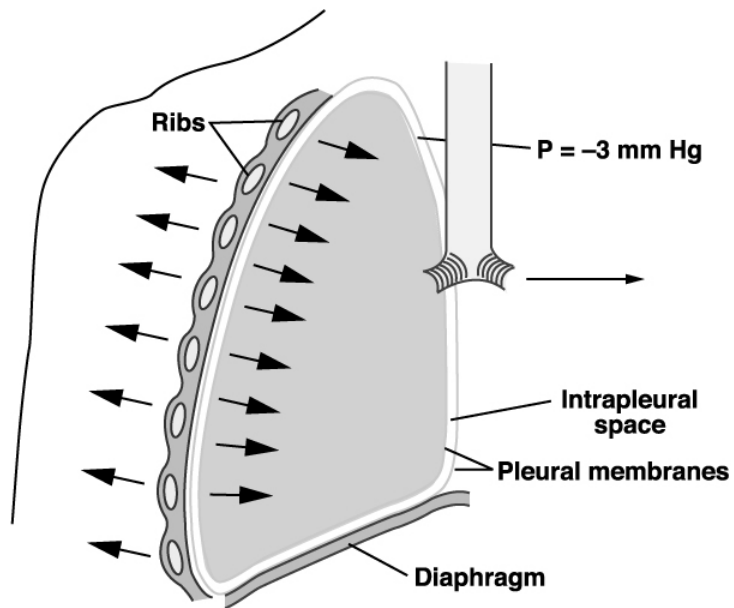
Each lung is enclosed in two pleural membranes. The pleural fluid and space are much smaller than illustrated. The esophagus and aorta pass through the thorax between the pleural sacs.



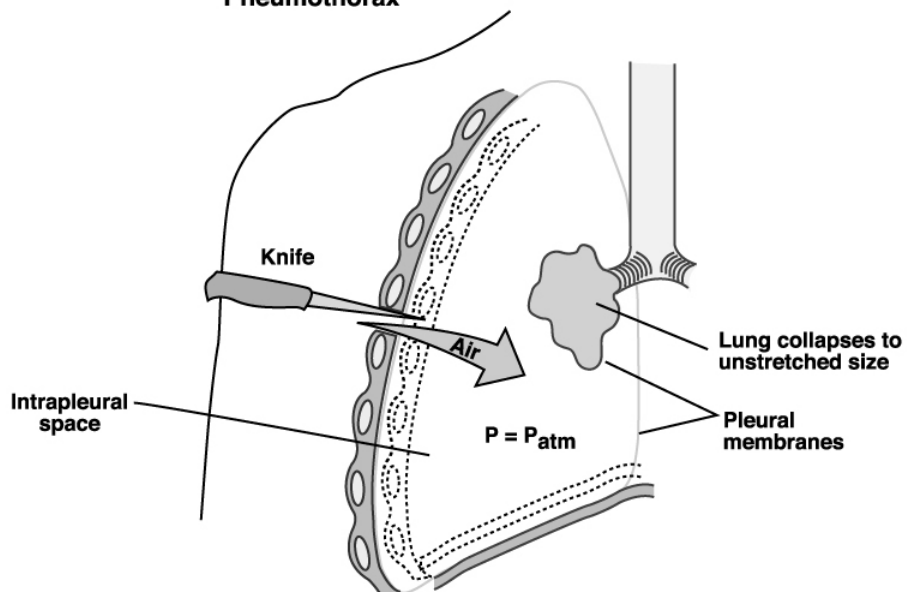


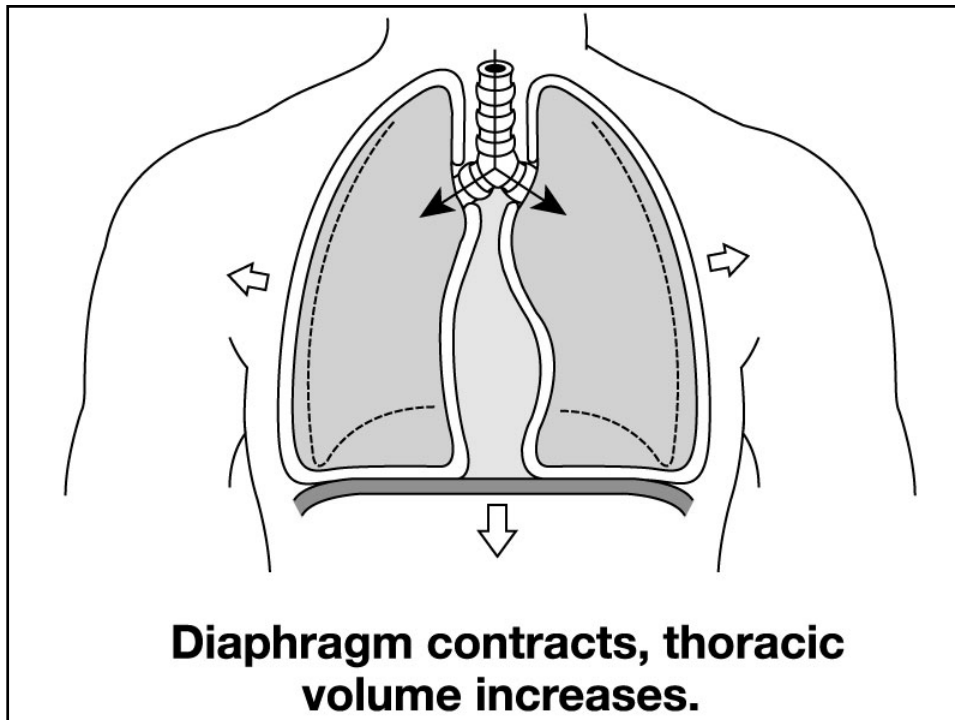
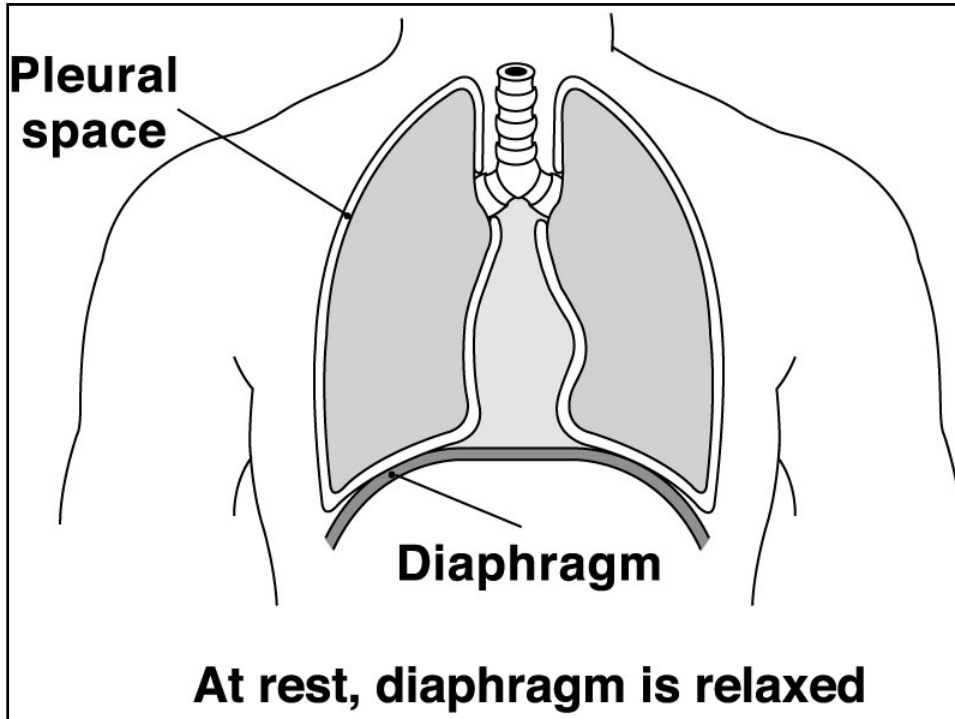


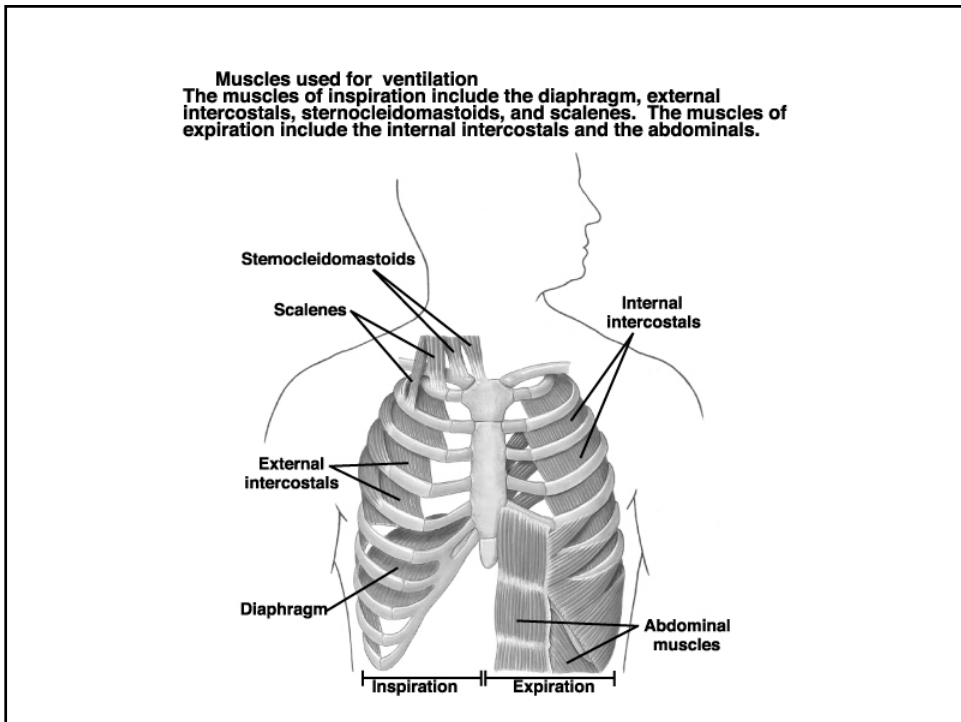
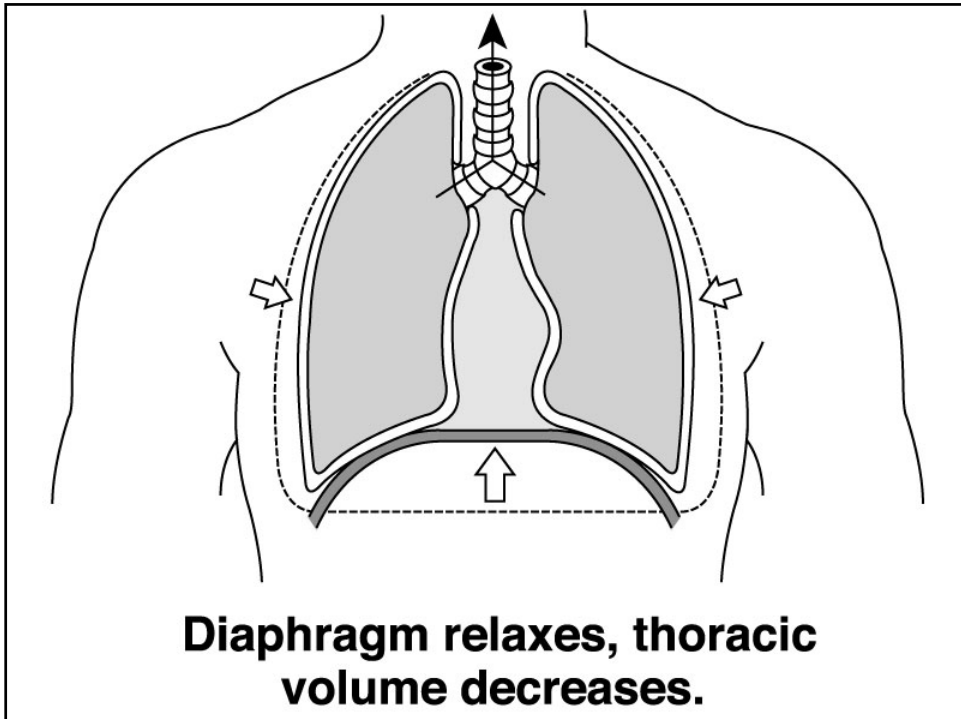
Normal lung at rest

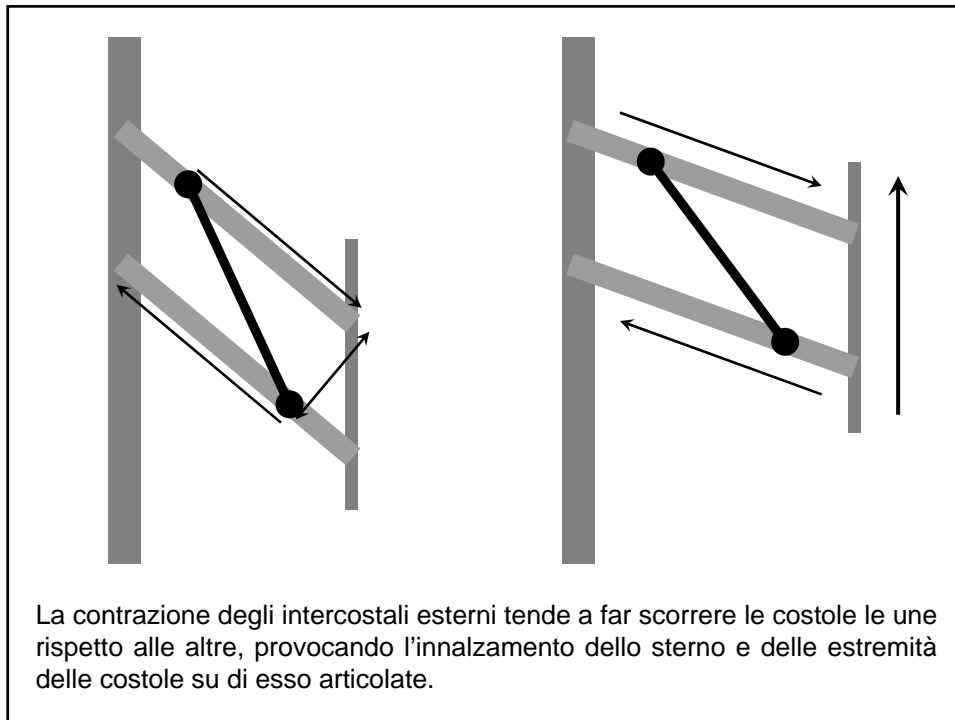
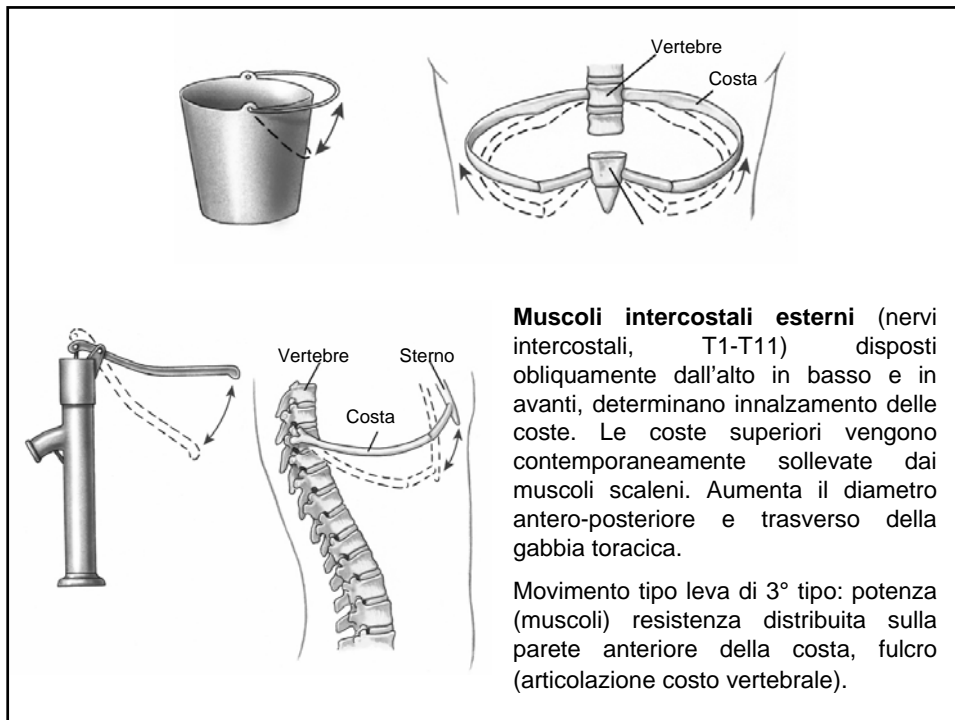


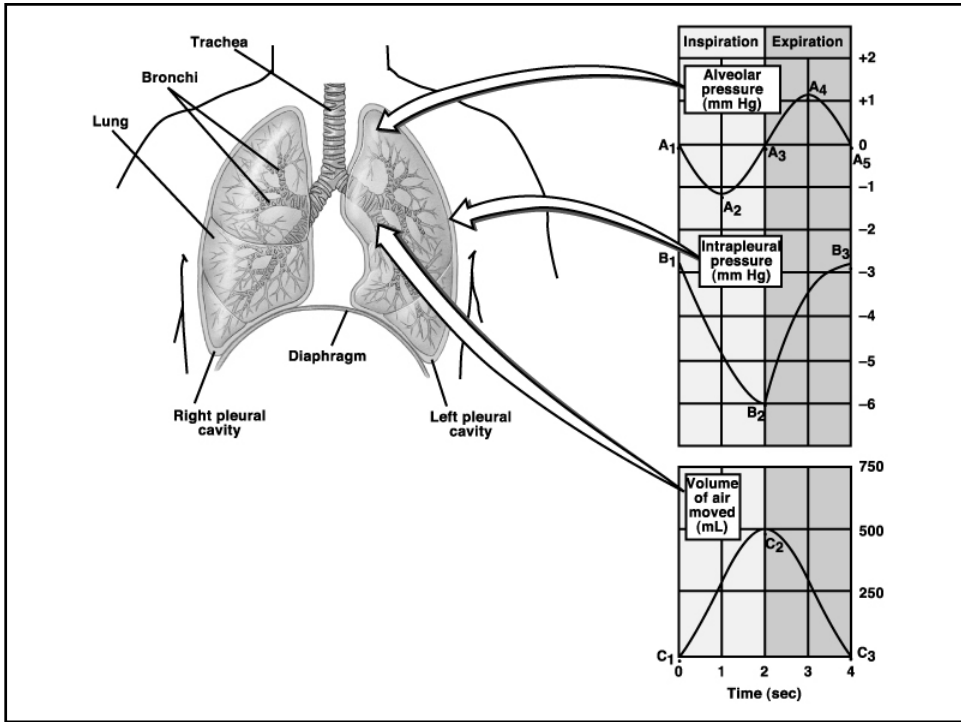
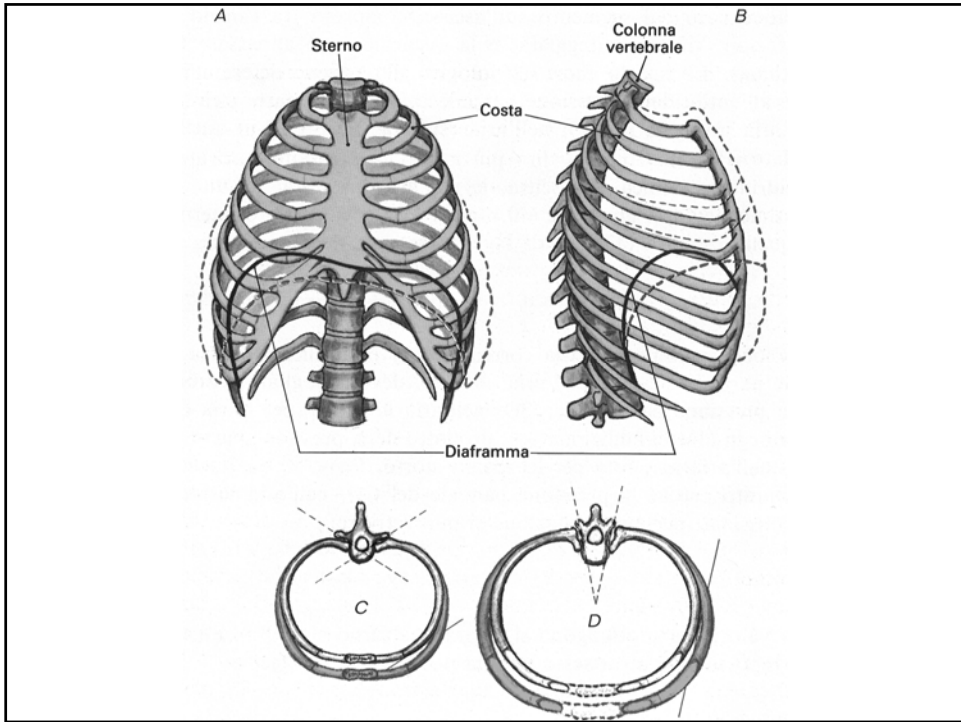
Pneumothorax

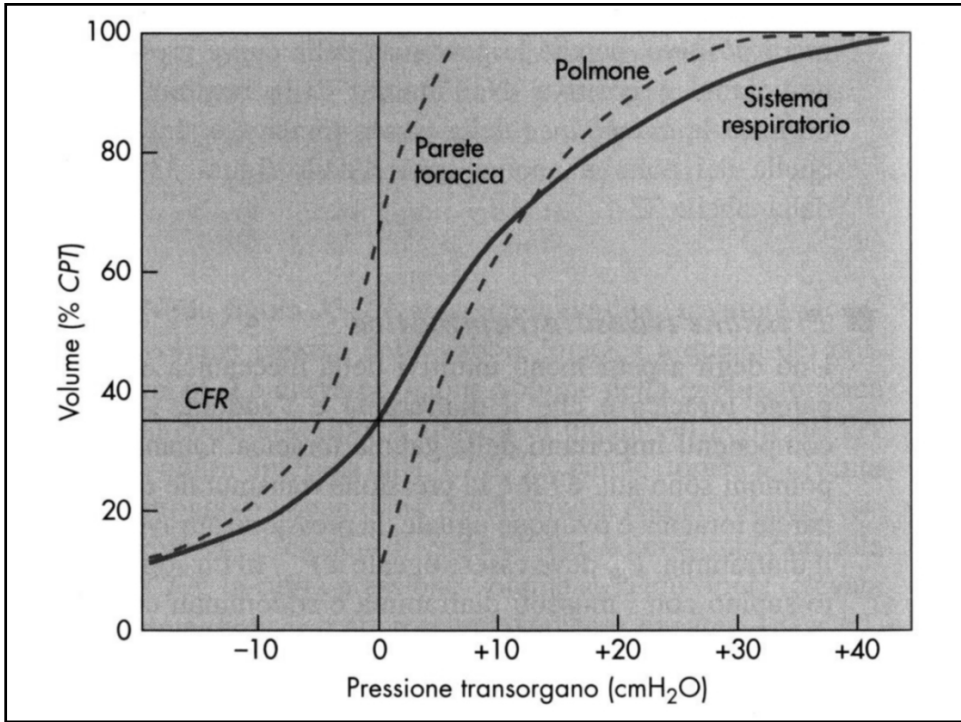
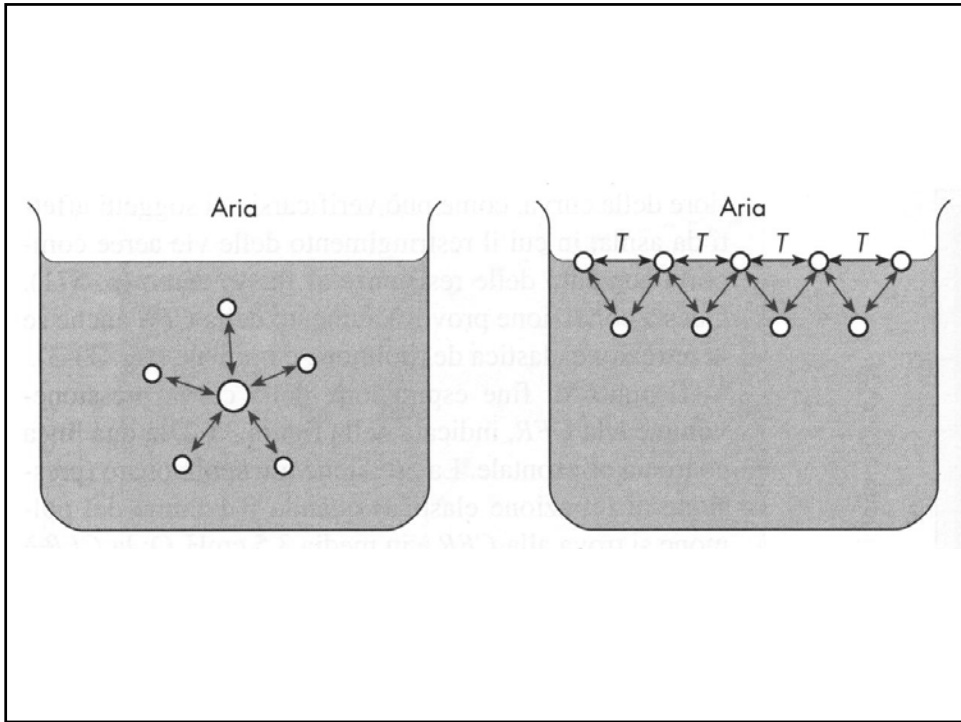


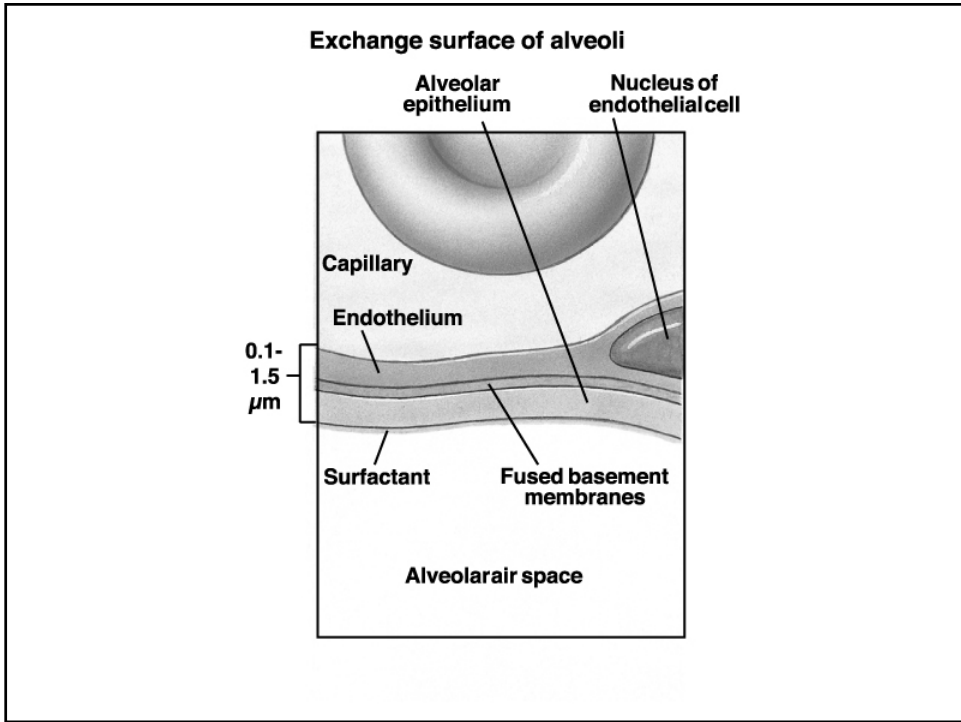
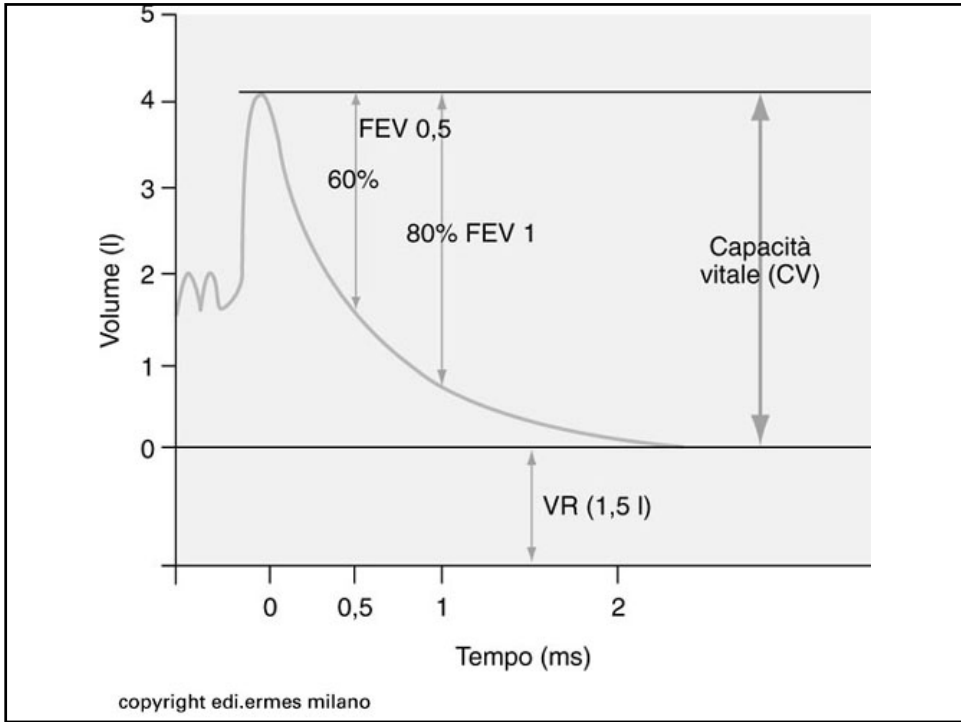












Gas	Aria atmosferica		Aria alveolare		Sangue arterioso	Sangue venoso
	%	mm Hg	%	mm Hg	mm Hg	mmHg
O ₂	20,94	159,1	14,2	101	100	40
CO ₂	0,04	0,3	5,5	39	40	46
N ₂	79,02	600,6	80,3	573	573	573
Totale	100,00	760,0	100,0	713	713	659

5. Pressioni parziali dei gas respiratori.

