

Lung Volumes

(Text Pg 123)

Tidal Volume

- The volume of air breathed in and out in one breath; about 500ml in quiet, resting conditions.

Inspiratory Reserve Volume

- Additional inspired air over and above tidal volume. (~ 3100ml)

Expiratory Reserve Volume

- The volume of air in excess of tidal volume that can be exhaled forcibly.

Inspiratory Capacity

- The inspiratory capacity of the lungs is the sum of tidal volume plus inspiratory reserve volume.

Vital Capacity

- The volume of air breathed in after maximal inhalation and breathed out after forcible exhalation.

Residual Volume

- The volume of air still contained in the lungs after a maximal expiration. (~ 1200ml)

Functional Residual Capacity

- The sum of residual volume plus expiratory reserve volume. (~ 2400ml)

Total Lung Capacity

- The sum of all volumes. (~6000ml)

