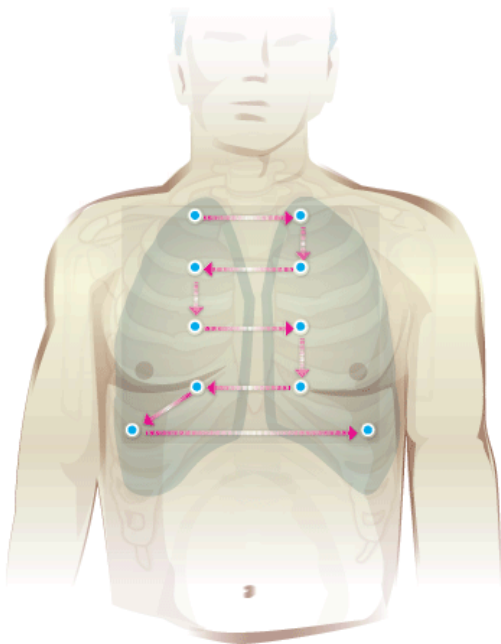
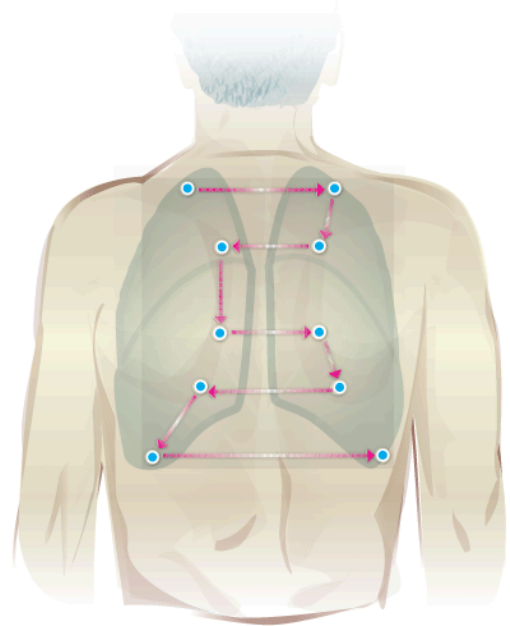


# LUNG SITES

## Anterior & Posterior



Anterior lung-field auscultation



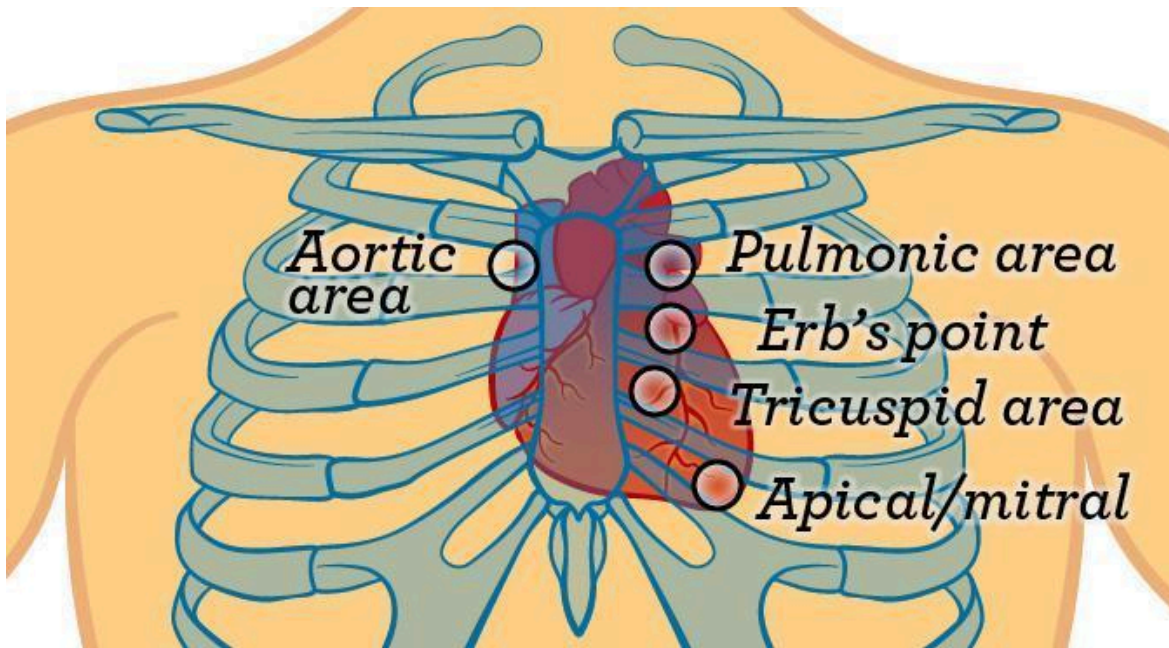
Posterior lung-field auscultation

\*Pictures Courtesy of ATI, 2016

### Characteristics of Normal Breath Sounds (Jarvis, 2016)

Type	Pitch	Duration	Normal Location
Bronchial (Tracheal)	High, loud	Inspiration < expiration	Trachea and larynx; sounds harsh, hollow, tubular
Bronchovesicular	Moderate	Inspiration = expiration	Over major bronchi where fewer alveoli are located: posterior, between scapulae, especially on right; anterior, around upper sternum in 1 <sup>st</sup> and 2 <sup>nd</sup> intercostal spaces
Vesicular	Low, soft	Inspiration > expiration	Over peripheral lung fields where air flows through smaller bronchioles and alveoli; sounds rustling like the sound of wind in trees

# HEART SITES



\*Picture courtesy of ATI, 2016

## Identification of S1 and S2 Sounds (Jarvis, 2016)

S1	First sound heard in the pair of "lub-dup"	Louder than S2 at apex	Coincides with the carotid artery pulsation; Coincides with the R wave (the upstroke of the QRS complex) if the person is on an ECG monitor
S2	Second sound heard in the pair of "lub-dup"	Louder than S1 at the base	