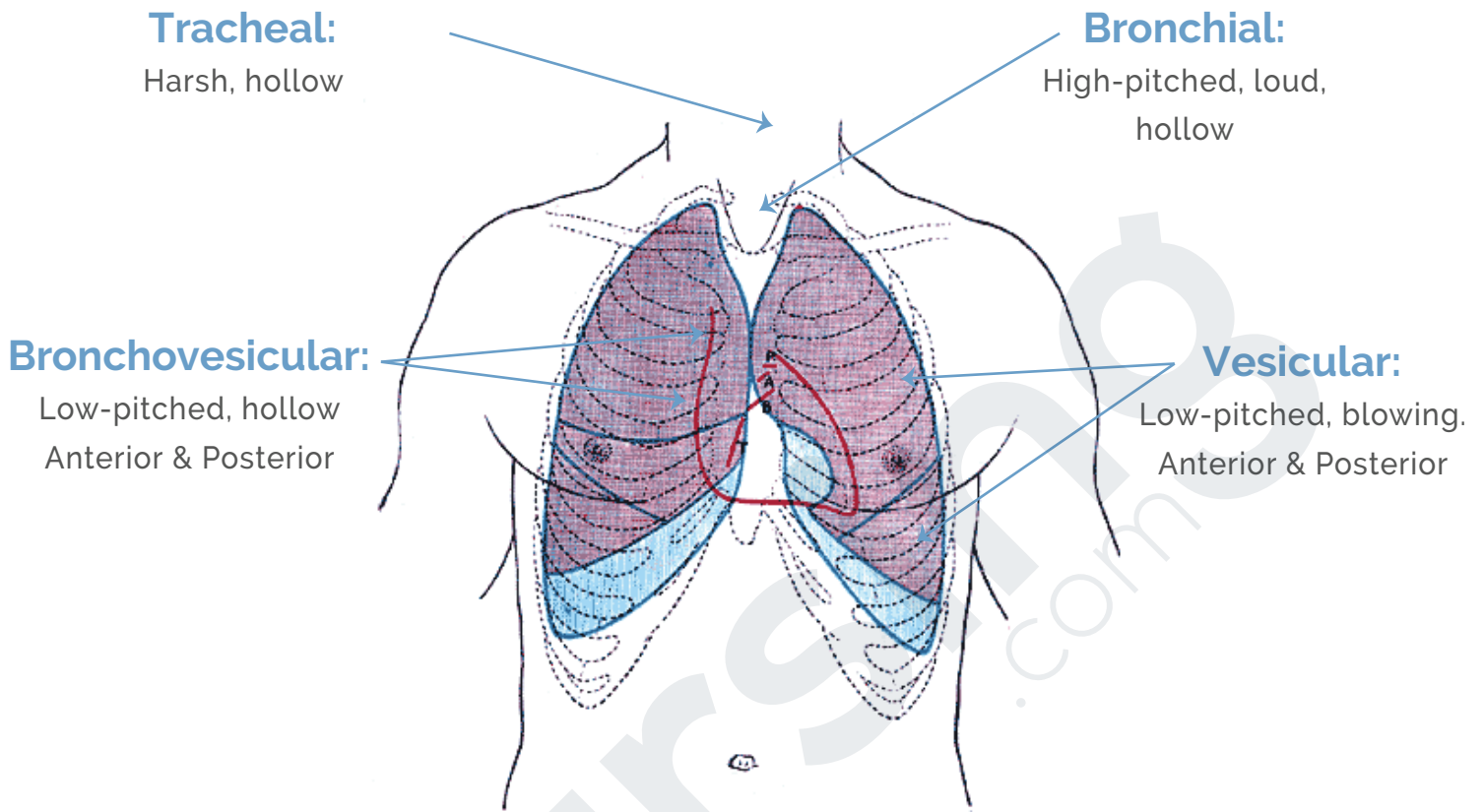


# LUNG SOUNDS



## ABNORMAL LUNG SOUNDS

### CRACKLES

Fine, popping noise. Usually caused by fluid-filled alveoli.

### RHONCHI

Harsh gurgling. Indicates fluid or sputum in small airways.

### WHEEZING

High-pitched whistling on inspiration or expiration. Indicates narrowing of air passages due to sputum, inflammation, or bronchoconstriction.

### STRIDOR

Loud, high-pitched, musical sound on inspiration. Indicates closing of larger airways - medical emergency!