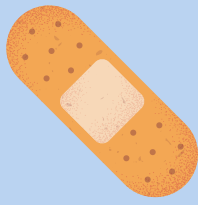


EASY ABG INTERPRETATION



1

Look at the pH

Normal range: 7.35-7.45

High pH: ALKALOSIS

Low pH: ACIDOSIS

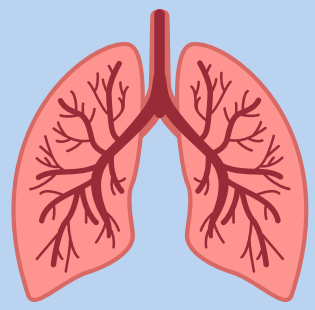
2

Look at the PaCO₂

Normal range: 35-45

High PaCO₂: ACIDOSIS

Low PaCO₂: ALKALOSIS



3

THINK!

CO₂=ACID=RESPIRATORY

CO₂ is HELD IN OR ELIMINATED by
the LUNGS

4

Look at the HCO₃

Normal range: 22-26

High HCO₃: ALKALOSIS

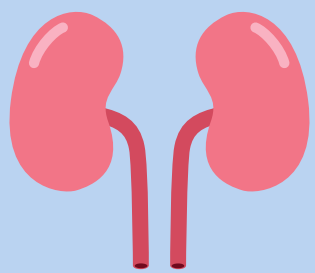
Low HCO₃: ACIDOSIS

5

THINK!

HCO₃=BASE=METABOLIC

HCO₃ is RETAINED or EXCRETED by
the KIDNEYS



6

INTERPRET!!!

1. pH: Acidosis or Alkalosis
2. PaCO₂ more out of range:
Respiratory
3. HCO₃ more out of range:
Metabolic