

# ABG Systematic Interpretation

A reproducible acid-base checklist

Electrolytes & ABG

PHYSICIAN REFERENCE

## Sequence

- 1. pH: acidemia/alkalemia. 2. Primary respiratory/metabolic process. 3. Expected compensation. 4. Anion gap when metabolic acidosis. 5. Delta analysis if useful. 6. Oxygenation and clinical context.

## Clue

- A compensation outside the expected range suggests a mixed disorder.

## Remember

- Interpret with electrolytes, lactate/ketones, renal function and ventilation history.

### Clinical safety note

Use this as a memory aid, not a prescription. Verify current guidelines, local protocols, contraindications, renal/hepatic dosing, pregnancy status, interactions and patient-specific factors before treatment.