



Pearls of ABG Interpretation

Thursday, 16 October 2025 **08:30 - 11:30**

FEE
AED 200

Enjoy complimentary
coffee break and lunch.

Target Audience

- Healthcare Professionals working in Emergency Departments and ICUs
- Medical Students
- Postgraduate residents

Objectives

DURATION
3 HRS

- ☒ **Explain the basic physiology** of acid-base regulation.
- ☒ **Apply a systematic stepwise approach** to interpreting arterial blood gases (ABGs).
- ☒ **Differentiate between primary metabolic** and respiratory disorders using pH, HCO₃, and CO₂ values.
- ☒ **Assess the degree of compensation** and distinguish between acute and chronic respiratory disorders.
- ☒ **Use Winter's formula to evaluate the** adequacy of respiratory compensation in metabolic disorders.
- ☒ **Calculate the anion gap (AG) and ΔΔ gap** to identify concomitant metabolic disturbances.
- ☒ **Interpret ABG results in relation to** oxygenation and ventilation status.
- ☒ **Integrate ABG interpretation into clinical** decision-making for critically ill patients.

All workshop participants will receive a Workshop Attendance Certificate with CME hours upon completion

Faculty

Workshop Lead



DR. ZULFIQAR ALI
 Consultant Physician
 VIP Clinic DHA
 Teaching Faculty
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