

/ABG

Arterial blood gas (ABG) analysis is an **essential** part of **diagnosing** and **managing** a patient's gas exchange and acid-base balance status, and can also be useful in providing **immediate** information about electrolyte status.

It provides a near immediate reflection of the **physiology** of your patient, allowing you to recognise and treat **pathology** more rapidly.

The usefulness of this diagnostic tool is dependent on being able to **correctly interpret** the results, therefore, it is a **crucial skill** for health professionals.

ABG interpretation is something many medical students find **difficult**. This learning resource aims to provide a **systematic** approach to *ABG* interpretation, whilst also increasing **understanding** of each results relevance, as well as **presenting** them to a healthcare professional.

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About this guide

My name is James Lloyd and I am a fourth year (2017-18) medical student from the Hull York Medical School, and I decided to create this learning package as part of my SSIP curriculum. I chose the topic after struggling to find a complete and systematic guide to ABG interpretation that worked for me. This learning package has been designed for both self-directed study, revision, and as a teaching aid.