# Electrocardiogram (ECG)

Understanding how an electrocardiogram works is vital when it comes to diagnosing and treating many conditions.

The interactive tutorials on Acadoodle break this diverse area down into manageable courses and modules using simplified language and clear graphics to make sense of what can be a notoriously difficult area.

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- Wilson’s Central Terminal
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# Arterial Blood Gas (ABG)

The physiological principles underpinning arterial blood gas and its significance can be daunting for many professionals. However, it’s vital to have a thorough understanding of ABG and body pH in order to see the relevance in many pathological scenarios. Animated tutorials with models and examples throughout this subject area will equip you with the knowledge you need to apply theory to real-life situations.

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### Identification of pH Disturbances on the ABG
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- Key Terms
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- Case Examples – Respiratory Failure

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Electrolytes play a vital role in many biological processes within the body and getting across the convoluted principles involved in these processes can be difficult for professionals. Acadoodle’s platform has been designed to work as an accompaniment to traditional teaching techniques, by providing a primer for classes and a revision tool that can aid consolidation and retention of information.

### Electrolytes

**Potassium**
- Potassium – Distribution
- Potassium – Homeostasis
- Hyperkalemia – Causes
- Hyperkalemia – ECG Changes
- Hyperkalemia – Causes Part 1
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- Quiz

**Sodium – Physiology**
- Body Fluids Compartments
- Osmolality/Osmolarity
- Plasma Osmolality/Osmolarity
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- Sodium Homeostasis – Introduction
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**Sodium – Clinical**
- Appropriate Hyponatremia
- Hypoosmolar Hyponatremia
- Hypervolemic – Part 1
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- Euvolemic
- Hypovolemic
- Hyponatremia – Case Examples
- Quiz

### Module Completion

A series of quizzes are available at the end of every module, and are designed to test and consolidate your knowledge on the subject matter. A certificate of completion is available to download at the end of every module.

For more information please contact Acadoodle at sales@acadoodle.com

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**GIVE HEALTHCARE PROFESSIONALS THE RIGHT TOOLS TO SUCCEED**

The Interactive Online Education Platform That Empowers Health Professionals and Students.

With more than 150 online tutorials focusing on ECG, ABG and electrolytes, Acadoodle makes understanding complex medical subjects easier than ever.