



PhEDECs®

The Prehospital and Emergency Department ECG Course

*Designed by Specialist Paramedics,
trusted by NHS Ambulance Services.*

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Why ECG Education Matters

Elevating clinical confidence, accuracy, and patient outcomes.

ECG interpretation underpins the early recognition of life-threatening cardiac conditions. Yet structured, post-registration ECG education remains inconsistent across NHS ambulance services.

[A recent HSSIB report ↗](#) (March, 2025) found there is widespread inconsistency across the UK in how ambulance staff are taught, assessed, and supported in 12-lead ECG interpretation, leading to variable confidence, competence, and educational standards.

PhEDECs® provides an evidence-based, nationally consistent response to these findings, standardising ECG education across ambulance services.

- ECG misinterpretation contributes to delays in reperfusion and inappropriate care pathways.
- National workforce reviews highlight the need for targeted, flexible CPD in acute cardiovascular care.
- Accurate ECG interpretation enhances prehospital decision-making and supports advanced paramedic practice.

Already trusted by:



NHS
**South East Coast
Ambulance Service**
NHS Foundation Trust



NHS
**South Central
Ambulance Service**
NHS Foundation Trust

Aim & Rationale

The aim of PhEDECs® is to provide ambulance services and their clinicians with a structured, scalable and certified ECG education pathway that builds confidence and clinical competence.

Developed by specialist paramedics and doctors, PhEDECs® delivers a progressive, tiered approach to ECG education. This structure mirrors the levels of proficiency seen across prehospital and emergency medicine, allowing services to match training to staff grade and clinical scope.

Unlike traditional ECG courses that focus solely on pattern recognition, PhEDECs® teaches interpretation in clinical context, linking ECG findings with patient assessment, decision-making and safe referral. The course is mapped to HCPC, College of Paramedics (CoP) and HSSIB standards and incorporates the RC(UK) 2025 guidelines.



“

**Silas
Houghton Budd**

Specialist Paramedic (Critical Care) and PhEDECs® Lead

The idea for PhEDECs® came from my own experience as a paramedic and educator. Over the years I noticed that while skills such as ultrasound use and advanced life support have formal tiered courses to ensure competency, no such course existed for ECG interpretation, an absolutely fundamental part of day-to-day emergency care. I hope PhEDECs® can address this.

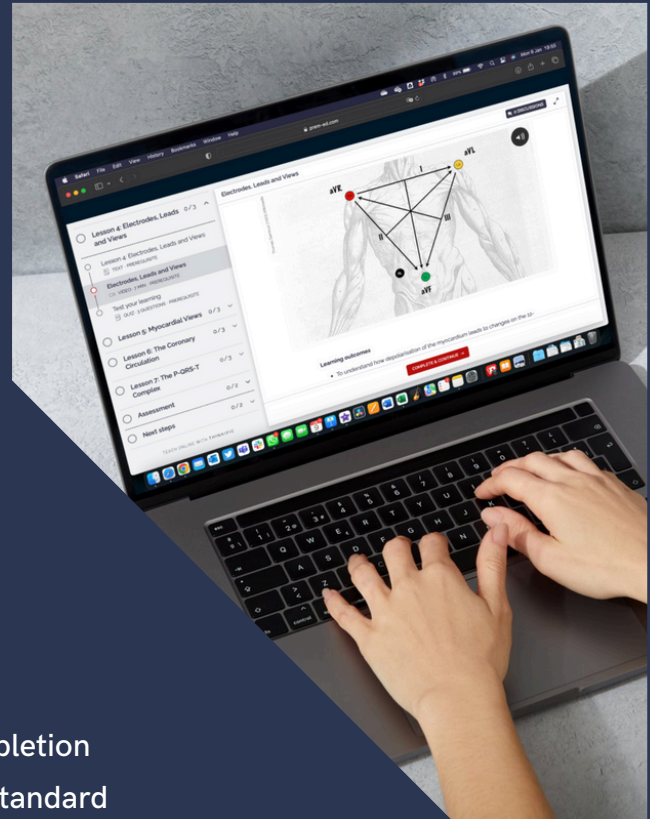
For Ambulance Services

Designed for seamless NHS deployment, maximising learner engagement.

PREMED's eLearning is delivered via a secure, cloud-based LMS optimised for NHS use. Learners can access courses anytime, on any device.

Key features:

- GDPR-compliant data handling
- Completion tracking and CPD reporting
- Accessible on desktop, tablet, or mobile
- Certificates automatically issued on completion
- Trust-branded, ring-fenced modules as standard
- Rapid setup with bulk enrolment or single sign-on options
- Seamless learner enrolment, bypassing outdated HR systems while maintaining data security



Proven impact in practice:

*South East Coast Ambulance Service implemented PhEDECs® ECG Essentials and Level 1 across their Trust in 2023. Their learners have since demonstrated a **>20% relative increase** in ECG interpretation accuracy ($p < 0.001$).*

Learning Outcomes & National Guidance

The PhEDECs® learning outcomes are based on the PREMED ECG Syllabus. These meet the **HCPC Standards of Proficiency (Paramedics)**, the **Paramedic Curriculum** (6th Edn., College of Paramedics) and the safety observations outlined in the recent HSSIB report: “**12-lead electrocardiograms (ECGs) in ambulance services**”.



Procurement Models

Single or multi-course. Seats or subscription.

PhEDECs® is available to NHS Ambulance Services through flexible partnership structures designed to align with internal budgets and CPD frameworks.

1

Choose your access

- **Single course:** applies to all PREMED courses, including PhEDECs®
- **Collection:** combine multiple courses into a single access framework

2

Choose your license model

- **Per seat:** choose your number of seats and assign to learners at your discretion
 - Best for pilots or small cohorts
 - Volume discounts available
- **Subscription:** combine multiple courses into a single access framework
 - Annual site licence with tiers aligned to workforce size and chosen access
 - **Tier 1:** 50-500 learners *Ideal for pilot or divisional rollout*
 - **Tier 2:** 500-2,500 learners *Suitable for Trust-wide access*
 - **Tier 3:** 2,500+ learners *Enterprise level or multi-Trust license*

All models include enrolment support, usage reporting, CPD certificates and ongoing content updates as standard.

Certification & Accreditation

Elevating clinical confidence, accuracy, and patient outcomes.



Assessment

- Each lesson within the course contains a short, **formative quiz** which allows learners to immediately test themselves on the learning outcomes from that level.
- Following completion of all the lessons, each level then has a summative **multi-choice questionnaire** which tests learners on all the learning outcomes from that level. This **MCQ** is 'open-book' (use of reference material is both allowed and encouraged) and can be attempted multiple times.



CPD Certificates

- Learners who pass the MCQ will be automatically awarded a **Certificate of Completion**, valid for one year.



Certification

- PREMED Ltd. is a provider member of **The CPD Certification Service**.
- We are in the process of submitting our courses for certification with the first, ECG Essentials, currently undergoing review.
- Look out for the '**CPD Certified**' mark on the course image and Certificate of Completion to identify courses that have been certified.





The PrONE™ Course: Prehospital Obstetric and Neonatal Education

Developed with Subject Matter Experts
Launching **February 2026**

Find out more!



www.PREM-Ed.com



Ready to Discuss Further?

Contact our sales team today.



By **email**: sales@prem-ed.com

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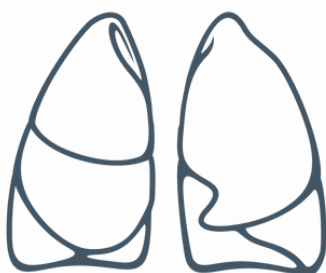
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