



# The Pre-hospital Emergency Care (PHEC) Course

Course Information Form

## Version control

Version number:	V2020.3.1
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Date:	6 Sept 2020
To be taught from:	1 May 2020
Review date:	

The content and delivery of the  
Pre-Hospital Emergency Care  
Course is endorsed by the



THE ROYAL  
COLLEGE OF  
SURGEONS  
OF EDINBURGH

*The Faculty of Pre Hospital Care*



# Pre-hospital Emergency Care Course

## 1. Course overview

The Pre-hospital Emergency Care Course (PHEC) course is a 3-day multi-disciplinary course suitable for those who wish to become involved in pre-hospital care (PHEM, immediate care scheme etc), who may have to provide emergency care as part of their wider role (e.g. out of hours care and occupational health, sports therapy etc.) and for those working within event and mass gathering settings. It meets the requirements of the *Green Guide* for those undertaking crowd cover at UK sports stadia in the role of the Event Doctor, Nurse or Paramedic or as a member of the wider professional medical team.<sup>1</sup>

The PHEC is aimed at HCPs and appropriate others working in, or preparing to work in, pre-hospital care in a range of environments. These include:

- Health care professionals on the appropriate professional register.
- Military medical personnel as nominated by their command.
- Associate practitioners and ECA staff working within the pre-hospital environment.
- Experienced non-HCP's working within professional and voluntary advanced medical responder roles who have the explicit support of their medical director.

## 2. Course Aims

To provide the participants at all levels with the foundational skills and knowledge of pre-hospital immediate care of the adult so as to:

- provide confidence in providing emergency care in the pre-hospital environment as an immediate first responder;
- serve as the basis for onward progression towards a more formal role in pre-hospital care (immediate care scheme responder, PHEM trainee etc), and to
- meet the requirements for those providing crowd medical services in accordance with the Guide to Safety at Sports Grounds, Sixth Edition (the Green Guide)

## 3. Participant profiles

### HCPs:

- those working in sports and event medical services
- those considering becoming involved in pre-hospital care including PHEM subspecialty training.
- those who work in a community setting who may be required to provide emergency care during the course of their duties.
- military personnel

### Non-HCPs:

- serving military medical personnel (CMT or equivalent) as nominated by their command;
- police tactical medics, and
- search & rescue personnel (i.e. RNLI, mountain, lowland & cave rescue etc) supported by their medical director.
- Sports therapists (including senior students)

### 3.1 Important note regarding participants pre-course knowledge and skills

*There is an expectation to participate in practical scenarios which will include lifting and working at floor level.*

**All participants** are expected to come to the course with foundational proficiencies in basic life support, use of an AED and physical assessment skills. Whilst these skills will not be taught, they will form part of the continuous assessment criteria.

## 4. International students

The course will be taught in English and will normally refer to guidelines and practice norms within the UK healthcare system.

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<sup>1</sup> Sports Ground Safety Authority (2018). Guide to Safety at Sports Grounds, 6<sup>th</sup> edition. London.



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## 5. Bespoke PHEC Course

When requested a bespoke PHEC course, including as a participant observer level, can be provided with special requirements accommodated within the overall confines of the course curriculum. This may include spreading the course over a longer period or providing additional support to facilitate specific environments/service requirements, including those of international customers.

## 6. Faculty

The faculty will be drawn from experienced pre-hospital immediate care practitioners. A nominated course director will bring educational oversight to the course within the boundaries of the curriculum.

## 7. Teaching methodologies

A mix of methodologies will be used. Large group presentations will be used to introduce key topics. These will be supported by facilitated workshops which will include small group presentations, discussion, scenarios and debriefing.

## 8. Assessment

Successful completion is via continuous assessment.

## 9. Curriculum

- Personal & scene safety
- Initial patient assessment
- Airway care:
  - Positioning
  - Suction
  - The airway ladder, up to the insertion of a supraglottic device
  - Surgical airway
- Circulatory care, to include:
  - Defibrillation, AED
  - Haemorrhage control
  - Monitoring: ECG
  - Venous access: IV & IO routes
- Extremity disability, to include:
  - Fracture immobilisation
  - Reduction of displaced fractures
- Special considerations:
  - End of life care
  - Issues of mental health
  - Resuscitation in special circumstances
  - The elderly patient
  - The pregnant patient
- Psychological wellbeing
- Mechanism & causation
- Respiratory care, to include:
  - Assisted ventilation
  - Chest Decompression
  - Monitoring: etCO<sub>2</sub> & SPO<sub>2</sub>
  - Oxygen therapy
- Neurological disability, to include:
  - Medical causes
  - Monitoring: AVPU, GCS & Blood sugar
  - Traumatic causes
- Mass casualty events, to include:
  - Command & control
  - The evolving terrorist attack
  - The triage sieve
- Emergent medical emergencies, to include
  - Acute abdomen
  - Acute coronary syndromes
  - Anaphylaxis
  - Asthma
  - Neurological dysfunction
  - Pulmonary embolism



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- Scene management:
  - Extrication
  - Gaining access
  - Mass gathering events, incl. stadia
  - Referral pathways
  - RTC principles
  - Working in the public gaze
  - Working with bystanders, first aiders & formal pre-hospital teams
- Equipment consideration, to include:
  - Medical equipment & its storage
  - PPE requirements
- Pharmacological strategies for emergency care, to include:
  - Allergy
  - Analgesia
  - Anaphylaxis
  - Cardiac arrest
  - Fluid replacement
  - Respiratory distress
  - Thrombotic therapy

## 10. Course endorsement

The content and delivery of the course is endorsed by the Faculty of Pre-hospital Care of the Royal College of Surgeons of Edinburgh.

## 11. Certification

On successful completion of the course, which requires 100% attendance, participants will receive a certificate of successful completion: valid for 3-years.

- Participants will receive the Certificate in Pre-hospital Emergency Care.
- Participants who fail to reach the required standard for the award of the certificate of successful completion will receive a statement of attendance.

### 11.1 Note for successful participants

*Completion of the PHEC course does not entitle the participant to include the skills taught and undertaken within their scope of practice. Similarly, it does not entitle the participant to use any post-nominals or to describe themselves as a BASICS practitioner.*