

Trauma



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UKRO Challenges 2021

17th - 18th September 2021

Tyne and Wear Fire and Rescue Service,
NewcastleGateshead



NFCC
National Fire
Chiefs Council



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1 Introduction

- 1.1 Firefighters are increasingly being asked to deal with more challenging casualty related situations than ever before. Their skills in dealing with casualties at incidents are constantly being challenged.
- 1.2 The objective of the UKRO Trauma Challenge is to develop the life saving skills of firefighters and rescue workers to enable them to deal successfully with the vast range of casualty centred incidents.
- 1.3 Firefighters from the United Kingdom will be assessed on their “life saving” during a ten minute, trauma based scenario.
- 1.4 The National Trauma Challenge will focus on developing and promoting the life support skills of rescue personnel, which will allow them to fill the therapeutic vacuum until further medical help arrives.

2 The Mission

- 2.1 To provide a platform for rescue personnel from across the British Isles to come together, in order to enhance and develop competence levels in trauma care.

3 The Objectives

- 3.1 To provide a means for rescue personnel to exhibit their rescue techniques through live casualty simulation.
- 3.2 To provide a development programme for rescue personnel.

4 The Benchmarks

- Develop a Safety First attitude amongst all rescuers.
- Emphasise patient, rescue personnel and scene safety.
- Encourage higher and more proficient levels of pre-hospital care.
- Create the broader spectrum of trauma principles and techniques.

5 The Challenge

- 5.1 The National Trauma Challenge will be open to all UK, Fire and Rescue Services.
- 5.2 Each team will consist of two members.
- 5.3 Each team will be assessed during a ten minute scenario.
- 5.4 Each team will allowed nine minutes for assessment and treatment and a further one minute for patient handover.
- 5.5 The first day all teams will compete and undertake the 10 minute scenario with the top 50% of teams being invited to a "run off" on the Saturday. The scenario on the second day will be more complex in its nature and may involve more than one casualty.

The team will be assessed in the following areas:

- Scene safety
 - Initial patient contact
 - Assessment of injuries and condition
 - Treatment of casualty
 - Patient handover
- 5.6 Each team will be afforded a 'hot' debrief immediately following their 'run off', with a written critique post-Challenge on request. It must be noted that the assessors' decision is final and all participants are asked to respect that decision.

Marks will be awarded each day with both sets being collated together and the highest combined score will determine the order of places.

NB. A copy of the assessment sheets to be used each year will be available to every team, on the web site prior to the annual Challenge.

6 The Rules

- 6.1 No team will participate without the written authorisation of the Brigade Manager/Chief Fire and Rescue Officer/ Firemaster or Chief Executive of their organisation.
- 6.2 Each team will consist of two members.
- 6.3 Only approved Brigade issue Personal Protective Equipment will be worn by all team members including the medic if a Fire Service member. In the event of a Paramedic acting as medic, they must also wear full protective clothing
- 6.4 Live casualties will be used in the Challenge and will award marks on 'Casualty Handling'.
- 6.5 Basic packaging of the patient will be evaluated using the CABABCDE and S protocols, with care and safety being of prime importance.
- 6.6 The decision of the Head Assessor concerning any assessment or conduct will be deemed to be final
- 6.7 The organisers, with the Host Brigade, will supply a comprehensive selection of equipment. Competitors are welcome to bring their own equipment and bags that are used during their role as a medic in a FRS.
Note: All competitors are responsible for providing their own full PPE, including medical gloves and eye protection.
- 6.8 Teams will present themselves to the 'Team Registration' area, twenty minutes prior to their designated run off time.
- 6.9 The organisers may substitute another team, in the event of a team 'No Show'.
- 6.10 There will be a briefing of all participants immediately following the Opening Ceremony on Thursday night and this will take place at the same venue.
N.B. It is mandatory that all team leaders or their designated deputies attend this briefing
- 6.11 The Organisers and the host brigade will not be responsible for any damage or loss of any equipment as a result of participating in this event.
- 6.12 Workers' Compensation, Insurance etc. for the protection of the team members shall be sole responsibility of the participants in the event. The host organisation shall supply third party liability insurance.
- 6.13 In order to take part in this challenge, all team members must attend UKRO Educational Workshops.

7 Code of Conduct

- 7.1 All participants are reminded that they are not only representatives of their own Brigade or Service but also that they represent the Rescues Services as a whole, and are to conduct themselves accordingly.
- 7.2 Both the Opening and Closing ceremonies are formal functions and appropriate undress uniform is to be worn without caps. Dress may be relaxed to shirtsleeve order at the discretion of the organisers and due notice will be given.
- 7.3 Participants are expected to be smartly dressed whilst in the Challenge venue, it is preferred that working rig be worn to tour the site, however this can be relaxed to casual wear, so long as it is smart and approved by the team manager.
- 7.4 Full protective clothing will be worn in the Challenge area, this maybe relaxed during 'preparation and make up' at the discretion of the head assessor.
- 7.5 It is accepted that the evenings events perform an important part of the socialising aspect of the Challenge, but participants are again reminded to behave in a manner befitting their Service and have due regard to non-service persons who may share the same facilities.

8 Tools and Equipment

Teams may select appropriate equipment from the Trauma kit bags supplied.

Trauma Equipment

- 1 x Pocket Mask
- 1 x Disposable Bag and Mask
- 1 x Set Of 6 Guedal Airways
- 1 x 7mm Nasopharyngeal Airway
- 1 x 8mm Nasopharyngeal Airway
- 1 x Vitalograph Aspirator
- 1 x Tuf Cut Shears
- 2 x 99% - 100% Non-Rebreathing Disposable Adult Mask
- 1 x 99% - 100% Non-Rebreathing Disposable Child Mask
- 1 x Small First Aid Kit 2 x Disposable Non Sterile Gloves
- 1 x Body Fluid Spillage Kit
- 1 x Stethoscope
- 2 x CAT tourniquet (orange)
- 2 x Simulated haemostatic dressing
- 2 x Pressure bandages
- 2 x iGel (size 4 and 5)
- 1 x Pelvic binder
- 2 x Russell chest seals

Medical Equipment

- 1 x Scoop
- 1 x Medical collars (set)
- 1 x Resuscitator/ O2 therapy unit and O2 Cylinder
- 1 x Blanket
- 2 x Trauma splints
- 1 x Defibrillator (must be a non-live training defib)

9 Health and Safety

- 9.1 A risk assessment will be conducted prior to each evolution to ensure the safety of both participants and spectators. Dynamic risk assessment will occur throughout the evolution, not only by the team involved but also by the assessors. Any unsafe or potentially unsafe practice will be stopped immediately.
- 9.2 Should any item of the casualty's personal protective equipment, be removed by a team member, for any reason, it must be replaced before work can recommence.

10 Assessing and Scoring

- 10.1 Each team will be evaluated in the following areas:
- Scene safety
 - Initial patient contact
 - Assessment of injuries and condition
 - Treatment of casualty
 - Patient handover
- 10.2 Copies of all the assessment sheets in use each year will be provided to each accepted team prior to the event.
- 10.3 Points awarded per sub-section will be totalled and each sub-section added together to give an overall score for that particular criteria.
- 10.4 Every team will be afforded a 'Hot Debrief' immediately following their performance, with a follow-up written critique 'post Challenge' on request.
- 10.5 It must be noted that the Assessors' decision is final and all participants are asked to respect that decision.

11 Awards

11.1 Each year the UK Rescue Organisation Committee recognises the performances of the teams that compete. The effort and dedication that has been put in by team members and supporters towards this Challenge over many months, shows the value of just such an event as this.

11.2 Awards will be made to the teams in the following categories of the Challenge

National Trauma Challenge Champions

Top Overall Team

2nd Place Team

3rd Place Team

12 Documentation

12.1 Please refer to the UKRO Academy for the following :

- Team On-Line Booking and Registration
- Authorisation To Compete and Insurance Indemnity

Registration will open on 1st July 2021 and close on 31 July 2021.

In order to register please visit <https://ukro.academy/team-booking>

The UKRO requires that the person signing the online form should be a Principal Officer or be authorised by their Chief Officer to do so.

The team(s) entered by the Service must be authorised to take part in this year's UKRO Challenge and have been provided with appropriate PPE and RPE that is approved and are permitted to wear.

The team(s) must attend the UKRO Mandatory Educational Workshops in order to obtain maximum benefit from the event

For the purposes of insurance, the team(s) are deemed to be on official duties whilst attending the Challenge

The Service will abide by the rules governing the Challenge

The Service accepts the terms and conditions of booking set out on the UKRO Academy site.

Should teams have any issues with completing the online booking and registration they should contact UKRO Secretary - Guy Goodman at ggoodman@ukro.org

Please ensure you provide a Purchase Order Number on the Team Registration Form so we can raise an invoice.

Teams should visit the UKRO website for specific information regarding accommodation.

Terms and Conditions of Registration

1. If for any reason a team is not accepted as a valid entrant to the competition all entry fees will be refunded in full.
2. All entry fees, once teams have been entered, are non-refundable unless the event is cancelled by UKRO.
3. In the event of cancellation the liability of UKRO shall not extend beyond the value of the entry fees paid.
4. Invoices must be paid with 14 days of being sent by UKRO by e mail