

1. Introduction

- 1.1. Welcome to the Trauma Challenge 2023.
- 1.2. 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.
- 1.3. 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.
- 1.4. Firefighters from the UK will be assessed on their “life saving” during a ten minute, trauma based scenario.
- 1.5. 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 UK 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

- 4.1. The benchmarks for the Challenge are:
 - 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. Each team will be assessed during a ten minute scenario.
- 5.2. Each team will be allowed 9 minutes for assessment and treatment and a further 1 minute for patient handover.
- 5.3. The first day all teams will compete and undertake the 10 minute scenario with the top 25 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.

5.4. 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.

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

Note: a copy of the assessment sheets to be used each year will be available to every team, on the web site prior to the Challenge.

6. The Rules

6.1. No team will participate without the written authorisation from a senior manager of their Fire and Rescue Service.

6.2. Each team will consist of **2 personnel**.

6.3. All participants must wear suitable PPE approved by their own organisation and appropriate to the task.

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 UKRO Trauma Lead concerning any assessment or conduct will be deemed to be final.

6.7. The Host 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, 20 minutes prior to their designated run off time.

6.9. UKRO may substitute another team, in the event of a team 'No Show'.

- 6.10. There will be a briefing of all participants immediately **before** the Opening Ceremony on Thursday night and this will take place at the same venue.

Note: it is mandatory that all team leaders or their designated deputies attend this briefing.

- 6.11. UKRO and the Host will not be responsible for any damage or loss of any equipment as a result of participating in the Challenge.
- 6.12. Staff compensation, insurance etc. for the protection of the team members shall be sole responsibility of the participants in the event. The Host shall supply 3rd 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 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 teams are expected to present themselves in their Service's shirt sleeve order. Caps are not to be worn.
- 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 may be relaxed during 'preparation and make up' at the discretion of the senior assessor.
- 7.5. It is accepted that the evening 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 of Equipment

- 8.1. Teams may select appropriate equipment from the Trauma kit bags supplied.
- 8.2. 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
1 x Asherman Chest Seal

8.3. Medical Equipment

1 x Scoop stretcher
1 x full spine board and set of stability pads and straps
1 x Medical collars (set)
1 x training Resuscitator, O2 therapy unit and O2 Cylinder
1 x Blanket
2 x Trauma splints
A training defibrillator
Re-breather or similar masks (disposable x 60)
Disposable gloves

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 available to download via the UKRO website (www.ukro.org).

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. At each National UKRO Challenge, recognition is given for the performances of the team and team's members in the form of awards. The effort and dedication that has been put in by participants for this Challenge over many months culminates in a formal award ceremony at a prestigious venue, where the following achievements are acknowledged.
- 11.2. Awards are made for:
 - 1st Team
 - 2nd Team
 - 3rd Team

12. Entry for the Challenge

- 12.1. Registration is via the UKRO Academy site and a link will be provided prior to registration opening.
- 12.2. Registration will be open from 1 May 2023 until 12 June 2023.
- 12.3. In order to register a team you will need to have the Team Captain's name, email address and mobile phone number.
- 12.4. Ideally, you should also have the names and email addresses for each Team member. You will not be able to add these later but if not supplied at registration they should be emailed to ggoodman@ukro.org. Any changes should also be emailed. It is important that we have the correct names and email addresses for those attending the Challenge so that information can be directly send to attendees.
- 12.5. Payment will again only be made via invoice and so you will need a Purchase Order from your Fire Service to enter. If you have this available at the time of registration you should add this into the PO box. If not, then it should be supplied as soon as possible after registration to ggoodman@ukro.org.
- 12.6. If you have any problems with completing registration you should contact imarritt@ukro.org.
- 12.7. Registration will automatically close when the 12th team has entered. If this occurs please contact ggoodman@ukro.org in order to be put on the reserve list.
- 12.8. 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.

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