

**CANTERBURY PROVINCIAL
FIRE BRIGADES ASSOCIATION**



TRAUMA CHALLENGE RULES

Contents

1.	Definitions:	3
2.	Team membership:	3
3.	Accident Injury or Illness:	3
4.	Pit access:	3
6.	Assessment sheets:	3
7.	Appeals:	4
8.	Scenarios:	4
9.	Scenario Aims and Objectives:	4
10.	Props:	4
11.	Medical Equipment:	5
12.	Team presentation at Challenge:	5
13.	Breakdown of scenario:	5
14.	Assessment of performance:	5
15.	Debriefing:	6
16.	Personal Protective Equipment:	6
17.	Challenge safety:	6
18.	Timing:	6
19.	Casualties:	6
20.	Non-attendance of team:	7
21.	Information:	7
23.	Determination of Results:	7
24.	Disqualification:	7

1. Definitions:

The term “CPFBA” hereafter will mean the Canterbury Provincial Fire Brigades Association.

2. Team membership:

Each team will consist of between two (2) and four (4) members.

At the discretion of the CPFBA, a team may substitute a team member in the case of illness or injury, except during a scenario. If, during a scenario, a team member is injured and has to withdraw, the team, if able, may continue until they finish or ‘Time’ is called.

Team members must be an enrolled member of a brigade.

Where a team registers with less than four (4) members, firefighters will be provided by the CPFBA to make team numbers up to four (4).

3. Accident Injury or Illness:

If, during the challenge, an accident, injury or illness or injury occurs to a team member, casualty, spectator or any person, which affects the running of the scenario, the injury will be advised to the CPFBA as an authentic occurrence (i.e. ‘No duff’). The Assessor or Safety Officer will immediately instigate competent medical attention to the situation via whatever means necessary. The delay or ceasing of that scenario will be at the discretion of the Lead Assessor in that pit.

4. Pit access:

The pit area will be off limits to all persons unless authorised by the CPFBA.

Teams will be ushered to and from the pits at their competing time.

5. Assessors:

Up to two medical assessors per pit will be appointed by the CPFBA to assess the Trauma Challenge.

6. Assessment sheets:

Teams participating in the Trauma Challenge will be assessed using the Trauma Challenge medical guidelines and scoresheets available on the UFBA web site.

The assessment sheets will remain the property of the CPFBA and will not be available for viewing or scrutiny by any unauthorised persons. Assessors will complete the assessment sheet during the scenario and confirm their scores in ink prior to the team debrief. No further amendments to the assessment sheets will then be made. Score sheet summaries for each team will be made available to that team after the conclusion of the challenge.

7. Appeals

The team leader of any team that has a grievance or dispute must report it in writing to the CPFBA technical panel within one hour of completing the scenario concerned on the day. All appeals in respect of a technical performance and associated scoring will be heard by the CPFBA technical panel who will, where required, investigate or discuss the issue with any involved assessors and whose deliberation is final.

All allegations of unfair assessment will be investigated thoroughly from all perspectives by the CPFBA technical panel who will present their findings to the CPFBA Executive for their deliberation.

8. Scenarios:

Scenarios will involve one or more live casualties and may include 'willing' bystanders. Willing bystanders are available to assist the trauma team with activities such as casualty handling and other support tasks under the direction of the trauma team. However, they should be treated as 'untrained' personnel.

Some scenarios that involve activities such as cardio-pulmonary resuscitation (CPR) will include the use of appropriate manikins.

Scenarios will not involve extrication requiring the use of tools.

9. Scenario Aims and Objectives:

Each team will participate in two (2) trauma scenarios over the course of the challenge.

The objective is to demonstrate skills associated with:

- Scene assessment
- Triage
- Diagnosis
- Initial stabilisation/treatment
- Handover to a medical professional

10. Props:

Props may be positioned in the pit to represent the environment in which the incident occurred. Where additional hazards exist for the purposes of the scenario, these will be clearly identifiable (e.g. live power cables). However, teams should not assume that no signage means no hazards.

Requests to neutralise hazards should be directed to the assessors during the scenario.

11. Medical Equipment:

The CPFBA will provide a range of standard FENZ equipment. Teams cannot bring their own medical kits or equipment.

Equipment may include:

Item	Quantity
Standard FENZ co-responder kit bag (including Oxygen kit and cylinder)	1
Long board with accessories (safety belts)	1
Defibrillator/Monitor/Simulator	1

12. Team presentation at Challenge:

Teams are to present themselves at the designated reporting location well ahead of the published time they are required.

Prior to competing teams will undertake a fixed period (at least 10 min) in controlled isolation so as to prevent them accessing information about the previous team's scenario and provide sufficient time to check the available kit.

Each evolution consists of:

- Isolation (at least 10 minutes)
- On scene (15 minutes which includes 2 min to handover to an appropriate health professional)
- Debrief (10 minutes).

While in isolation, the use of electronic devices is prohibited by team members.

13. Breakdown of scenario:

At the conclusion of their scenario, each team must help in the breakdown of the scenario and equipment and assist the pit team in reorganising items ready for the next scenario. This may be varied at the discretion of the CPFBA subject to the number of personnel in the pit crew available to break the scenario down.

14. Assessment of performance:

A panel of qualified Assessors will assess each team's performance. The parameters assessed are detailed in the Assessor's Guidelines and on the Challenge Assessment Sheets. These are based on the UFBA Challenge Panel's opinion of better practice in the science of patient care. To that end teams are encouraged to strive for the standard of excellence described in all areas.

Teams should note that Assessors are briefed to assess a team's performance on what they see and hear, not what they expect to see and hear. With this in mind teams are urged not to 'play up' to the Assessors by giving a running commentary of what they might do under certain conditions, but to actually do what they would normally do if they encountered the same scenario on the road. With this in mind teams may ask assessors for an update on the vital signs of their casualty or their findings from medical investigations (e.g. are pupils equal and reactive?).

15. Debriefing:

Following each scenario the Assessor panel will conduct a short debrief with each participating team. The debrief is designed to provide a learning opportunity for all involved. To that end teams are encouraged to have their reserve or manager take notes or video the discussion. Subject to approval by both the team leader and the Assessor panel leader, observers are welcome in any debrief.

16. Personal Protective Equipment:

All competing team members will at all times during the challenge wear suitable clothing and personal protective equipment as approved by FENZ or their agency. As a minimum, suitable turn out gear, coveralls, safety boots, eye protection (in the form of safety glasses).

In keeping with occupational health and safety work practices, teams are required to supply and use their own latex gloves and other consumable personal protective equipment supplies.

17. Challenge safety:

Where the command “STILL” or “FREEZE” or where a whistle is blown, ALL members of the team will immediately stop their actions. This command indicates that a safety problem exists. Time will be stopped until the safety issue is rectified. Once addressed the Assessor Panel Leader will give the instruction for the team to continue and the clock will re-commence.

If there is any other safety stoppages during the same evolution, the time will not stop and the team will have to rectify the situation while the clock continues to run.

The above safety calls can be made by any of the Assessors or Safety Officers. If the problem can't be rectified the CPFBA technical panel may disqualify the team or cancel the evolution.

18. Timing:

Assessors will be responsible for accurate timing of the scenario. The Assessor Panel Leader will call “time” when time has elapsed. Alternatively, the team leader will call “time” before the available time has elapsed, when the casualty has been treated and the Team Leader believes the team has completed the scenario.

19. Casualties:

Live people and manikins will be used in this Challenge.

Teams will be expected to assess the casualties for injury and provide treatment consistent with the injuries they find and their skills. Specific consideration should be given to maintaining the dignity of the casualties in this public training environment.

Manikins will be used to represent live or deceased persons. Deceased manikins will be clearly identified.

20. Non-attendance of team:

In the event of a 'No Show' by any registered team at their appointed time for equipment inspection, the CPFBA may disqualify them from that class.

21. Information:

The CPFBA reserve the right to use any and all information that may be obtained from the Challenge and its participants for educational purposes.

22. Team Briefing

A briefing will be held at a time to be notified prior to the Challenge. It is mandatory for all teams to attend.

23. Determination of Results:

The CPFBA will determine the prizes to be awarded from year to year. Determination of results will be based on the following criteria:

- Rankings will be allocated for each assessor in such a manner that the team that scores the highest score from an assessor will be given a 'rank score' equal to the number of teams in the challenge. The team that scores the next highest score from that assessor will be allocated a 'rank score' one less and so on. The team that scores the lowest from that assessor will be allocated a 'rank score' of 1.
- Rank scores for each team from the different assessors will be added together.

Count back procedure:

Where two teams are tied the following count back process will apply:

- The first category on each assessor's score sheet will be summed. The winner will be the team whose score is the highest.
- If the scores remain equal, the procedure will be determined with the next category down on the score sheets and so on until a difference is found.
- If every single category on the score sheets are the same, the award will be declared a dead heat and no prize at the next level down will be awarded (i.e. if a dead heat for winner, no 2nd prize).

24. Disqualification:

Any team or team member that does not adhere to these rules or brings disrepute upon the Challenge may be disqualified.

Any matter concerning the possibility of a team disqualification or a matter bringing the Challenge into disrepute will be heard by the CPFBA technical panel. Any decision made by this group will be final.

Spectators or team supporters may barrack and encourage teams in the spirit of fair play; however any "coaching", including calling time remaining, from the spectators or team supporters will result in a "Freeze" being called, but the clock will continue to run. The Assessor panel leader will give a warning to the offending person or persons. Any subsequent coaching call will result in time being called on the participating team.