

Primary Trauma Care Course Report (28th - 29th January)

Pasifika Campus, FNU Suva Fiji.

Purpose:

The aim of this training was to equip the trainee interns (final year medical students) from FNU with skills for trauma care before they venture into their attachments for the semester at the various sub-divisional hospitals around the country.

Summary:

The knowledge and application of Primary Trauma Care skills and principles is useful for any clinician especially if they are working in the acute care setting and attending to several patients sustaining various types of trauma. It is also important to pass this knowledge onto soon to be medical personal who can then have a structured approach to trauma care.

The first of the two, two day training in Primary Trauma Care took place at the Pasifika Campus in Suva and involved 44 participants and 8 instructors (some of the instructors were available for one day or part of it due to prior commitments). The standard program was applied with some variations to time given a large participant group.

The course was well received by the participants and they participated well during the learning sessions.

Course Facilitators:

The instructors for this course were:

Dr Kenton Biribo – Consultant Anaesthetist, FNU
Dr Elizabeth Lee – Consultant Anaesthetist, FNU
Dr Deepak Sharma – ED Registrar, CWM Hospital
Dr Lewis McLean - Consultant Intensivist, Australia
Dr Basharat Munshi - Consultant Surgeon, FNU
Dr Haikiu Taukave - Surgeon, FNU
Dr Dennis Lee - Emergency Physician, FNU
Dr Lavinesh Raj - Emergency Physician, FNU

Course Participants:

Aachal Gounder - Fiji
Jake Edilyong - Federated States of Micronesia
Kasalaine Ma'asi - Tonga

Sulita Turaganiwai - Fiji
Jeremy Paris - Fiji
Liam William - Fiji
Ilaisaane Fonohema - Tonga
Pritika Devi - Fiji
Arti Reddy - Fiji
Sheghnal Prasad - Fiji
Shayal Shweta Nair - Fiji
Poonam Sharma - Fiji
Ganeshwar Autar - Fiji
Sanjalin Singh - Fiji
Jesse Vosawale - Fiji
Shivneel Raj Kumar - Fiji
Marica Jikowale - Fiji
Siniteke Denise Emele Tonga - Tonga
Shagufta Shereen - Fiji
Rusila Tikoitoga - Fiji
Ana Ofa Malani - Fiji
Shayal Devi - Fiji
Leanne Robyn Anita - Solomon Islands
Varsha Bhavna Singh - Fiji
Saiyad Shabas Ali - Fiji
Krishan Komal Prasad - Fiji
George Robinson - Fiji
Brendon Talota - Solomon Islands
Samatha Beuka - Solomon Islands
Jim Yabakivou - Fiji
Isabella Matautia - Solomon Islands
Mosese Taumoepeau - Tonga
Tessa May Bancod - Fiji
Sayal Sonika - Fiji
Anesh Nath - Fiji
Nivik Ventaiya - Fiji
Avneet Kumar - Fiji
Shivneel Prakash - Fiji
Ravneet Singh - Fiji
Akash Singh - Fiji
Scoty Bule - Vanuatu
Colin Howard Manu Latu - Tonga
Shiva Shankar - Fiji
Adishneel Rattan Kumar - Fiji

Activities:

Following the introductions of the participants and facilitators, the course proper began. Participants began with the pre-test MCQs. This was then followed up by the lectures and skills stations.

Adequate breaks for tea and lunch that was provided by FNU was given so that participants were not getting exhausted from the lectures and skills stations.

The second day concluded with the post-test MCQs and an open discussion of the answers. The course was closed with a group picture.



Participants completing the pre-test.



The PTC welcome!

The Course:

It was noted from the initial lectures that the participants had had adequate time to go through the course manual. After an initial period of being shy, they quickly began answering questions targeted to them and then made the rest of the lecture sessions interactive.

The pre-test responses also gave an understanding to the instructor team on areas to work on.

It was again noted that the skills stations and the scenarios practice were the highlight of the two day training. The scenario practice stations allowed the participants to practice all that they had learnt in the lectures in the morning. Moreover it was good to see that the participants were able to identify the consequences of not using the PTC principles in the demonstration scenarios by the faculty.

Day two of the course was just as pleasing as the first. The participants demonstrated a good improvement during the skills stations from the day prior. Additionally, a great discussion was generated during the disaster module as participants were made to think of disaster responses following a fire at the crowded Damodar City premises and having about 200 casualties on a busy Saturday morning. Fair decisions were opted for by the two groups and the participants were able to note how different a disaster scenario can be from one trauma patient but how the overall principles remain the same.



Dr Basharat delivering a lecture.



Dr Elizabeth interacting during a lecture.



Practicing a log roll



Scenario practice



Disaster scenario discussion.



More discussions.

MCQs Scores:

The participants were evaluated using the standard multiple choice questions that are part of the PTC training before and on completion of the course.

Below are the scores the participants attained:

	Range		Average		Mode	
	Pre-test	Post-test	Pre-test	Post-test	Pre-test	Post-test
MCQs						
Scores (Out of 20)	6 - 19	16 - 20	16	19	17	20

The percentage of scores in each range:

	< 10	10 -12	13 - 15	16 - 18	19 - 20
Pre-test Scores	2.2%	9.1%	27.2%	54.5%	6.8%
Post-test Scores	-	-	-	43.2%	56.8%

Overall there was a noted improvement in the scores in the post test of the participants and it was pleasing to note that a great percentage of them had scored full marks.

Feedback:

The overall feedback from the participants for the two day training was positive.

It was also noted that majority of the participants enjoyed the practice scenario stations and individuals also commented that it would be great if more time was allocated to the above. Some participants liked the interactive way the lectures were delivered and stated this made the learning more fun.

Though many participants stated that the current style of delivering the course was great. A few suggested if the duration of the course could be increased as it was a very helpful course to participate in. Whilst others suggested that more skills stations and scenarios would be the way forward.

The instructor faculty also agreed, noting that the participant group was larger than previous such trainings, and to factor in time to ensure all parts of the course are covered, there was in fact at some points shorter period given to complete sessions. However, that is the balance one has to try and achieve when delivering short courses and having to factor in availability of time, space instructors and the program. None the less, there was no holding back in delivering the PTC principles and ensuring that each participant fully understood the concepts.

Acknowledgements:

The Fiji National University – College of Medicine, Nursing and Health Sciences (CMNHS)

The Program assistants - Medical sciences department, FNU.

Dr Finau Dansey - TI Orientation program Coordinator

The Faculty team for the training.



Participants with their certificates and the instructors.