

Primary Trauma Care Course Report (31st Jan - 1st February)

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 hospitals around the country and then sub-divisional hospitals later in the year.

Summary:

The second of the two, two day training in Primary Trauma Care took place at the Pasifika Campus in Suva and involved 46 participants and 7 instructors (some of the instructors were available for one day or part of it due to prior commitments as in the previous course). The standard program was applied with some variations to time given a large participant group.

The training for this group of training interns usually takes place in June before they switch rotations to attach at sub-divisional hospitals around the country. For logistical ease this training took place immediately after the completion of the first group.

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 Haikiu Taukave - Surgeon, FNU
Dr Arveen Maharaj - Emergency Physician, FNU
Dr Lavinesh Raj - Emergency Physician, FNU

Course Participants:

Krishneel Singh - Fiji
Joyce Nadan - Fiji
Jeremiah Dreketirua - Fiji
Apikali Tukana - Fiji
Mesake Nayacavou Naisara - Fiji
Aatisha Kapadia - Fiji
Farihah Shagoofa - Fiji

Shimal Devi - Fiji
Pramishesh Premadish - Fiji
Adarsh Sushil Chand - Fiji
Siddharth Sharma - Australia
Aaron Prasad - Fiji
Avinish Chand - Fiji
Ashleen Sidal - Fiji
Aman Lal - Fiji
Pratika Sharma - Fiji
Jainesh Nand - Fiji
Mesulame Sauvolili - Fiji
Priya Nandani Lal - Fiji
Yvonne Navuta - Fiji
Ashneel Sanjay Nand - Fiji
John Kuilamu - Fiji
Afia Zahin - Fiji
Ashyanka Mishra - Fiji
Jane Pratishna Kumar - Fiji
Avishek Reddy - Fiji
Shivnesh Prischal Chand - Fiji
Shinal Shashika Chand - Fiji
Caifeng Kuang - Fiji
Pamela Ayoshi Reddy - Fiji
Robert Joseph Simmons - Fiji
Matelita Volau Waqatabu - Fiji
Sharini Devi Chandra - Fiji
Bhawna Dipika Chand - Fiji
Shayal Piya - Fiji
Vinit Vishal Chand - Fiji
Avneeta Ashni Devi - Fiji
Marilyn Anastasia Nagan - Fiji
Etuwate Logaivau - Fiji
Ashneel Chand Sumer - Fiji
Dhia Nusair - Fiji
Gift Evangel - Solomon Islands
Shivneel Kumar - Fiji
Akshita Gupta - Fiji
Swamtha Revleena Singh - Fiji
Shyamal Sandeep Narayan - 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.



Dr Arveen Delivering a lecture



Participants listening on.

The Course:

This group of participants had completed the Essential Pain Management Course on the afternoon prior with some of the faculty members and so they were not reserved in participating during the lectures. This made the teaching process fun and as such the team was able to complete the lectures in the morning sessions and this freed the afternoons for scenario practice sessions.

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. Participants also actively asked questions to clear any doubts and this was quite pleasing to the teachers.

Day two of the course was just as engaging 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 mass casualty at the crowded intersection at the University of the South Pacific with three filled buses colliding into each other resulting in a fire and having about 150 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 Kenton stressing a point.



Participants doing a log-roll



C-Collar application practice.



Basic airway practice.



Scenario practice.



More scenario practice.

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:

MCQs	Range		Average		Mode	
	Pre-test	Post-test	Pre-test	Post-test	Pre-test	Post-test
Scores (Out of 20)	12 - 20	15 - 20	16	19	15,16	20

The percentage of scores in each range:

	< 10	10 -12	13 - 15	16 - 18	19 - 20
Pre-test Scores	-	4.3%	28.3%	50%	17.4%
Post-test Scores	-	-	2.2%	26.1%	71.7%

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.

By having an open discussion of the answers upon completion of the post-test all facilitators and participants were together able to clear out any remaining doubts that were still there.



Disaster scenario discussions.



Dr Haikiu taking a session

Feedback:

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

It was also noted that similar to the first group, 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. Others stated that the course was quite practical and said that it was great to undergo this training before venturing into their rotations.

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. A few also said that it would be good to have refresher sessions of this course in the future.

The instructor faculty also shared similar sentiments. 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 with a large group. None the less, there was no holding back in delivering the PTC principles and ensuring that each participant fully understood the concepts.



Participants receiving certificates at the end of two days.

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Dr Finau Dansey - TI Orientation program Coordinator

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Participants with their certificates and the instructors.