

Primary Trauma Care Course Report (10th - 11th June)

FNU Tamavua Campus, Suva Fiji.

Purpose:

The aim of this training was to equip the fifth year medical students from FNU with skills for trauma care before they venture into their next clinical attachments for the semester and subsequent trainee internship rotations.

Summary:

The knowledge and application of Primary Trauma Care skills and principles is useful for any clinician. 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 FNU Tamavua Campus in Suva and involved 31 participants and 6 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 the 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 Nancy Kwara – Consultant Anaesthetist, FNU

Dr Deepak Sharma – ED Registrar, CWM Hospital

Dr Asela Matai-Namedre - Senior Anaesthesia Registrar, CWM Hospital

Dr Yogendra Maharaj - Anaesthesia Registrar, CWM Hospital

Dr Sajneel Prasad - Surgical Registrar, CWM Hospital



Course Participants:

Simran Erika Jahan Ali
Parshant Deep Singh
Neelam Kavita Kumar
Siosifa Tali Lotu Teumohenga
Melissa Ann Sami
Toni Vakamelei
Esiteri Rokili Raketekete
Lave Matakibau
Shirtika Swami
Nishal Kikita Nandani
Sheemal Sheron Kumar
Jotika Jotishna Krishna
Anthony M Sauni
Navneel Lal
Nixon Pupi
Divneshni Shivani Sharma
Shaleen Ram
Shonal Shivneel Kumar
Akansha Adarshni Ram
Shao Hung Ko
Akuila Makutu Waradi
Hannah Hope Cummings
Gloreen Albiut Malakai
Sheenal Prasad
Irene Kapinga Kazadi
Raina Prakash
Bal Krishna Reddy
Abdal Muizz Shaheed
Shivneet Shameet Prasad
Manish Patrick Lal
Arunesh Chandra Deo

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.

The participants were also paid a visit by the Honorable Minister for Health Dr Waqainabete and this also boosted the morale of the participants.



The Minister speaking to the participants.

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.

This time around, it was also 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.



Dr Nancy delivering a lecture.



Dr Yogen talking on limb trauma.

Given that this course is taught in a step wise approach, some participants initially found it a little confusing when it came to putting all what was learnt in the lectures into practice. With several scenario

practice stations and with different scenarios, the confusion was cleared and participants were able to apply the teachings into the mock practice sessions.

Day two of the course was just as fair 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.



Skill stations.



Practicing log roll.



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)	14 - 19	16 - 20	16.5	18	18	18

The percentage of scores in each range:

	< 10	10 -12	13 - 15	16 - 18	19 - 20
Pre-test Scores	-	-	36.6%	60%	3.3%
Post-test Scores	-	-	-	58%	42%

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

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.



Disaster group discussions.



More discussion and presentation.



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.

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Participants with their certificates and the instructors.

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