

Primary Trauma Care Course Report (13th - 14th June)

FNU Tamavua Campus, Suva Fiji.

Purpose:

The aim of this training was to equip the second group of 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 the following year.

Summary:

The second of the two, two day training in Primary Trauma Care took place at the FNU Tamavua Campus in Suva and involved 32 participants and 5 instructors. 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 Neeraj Lal - Surgical Registrar, CWM Hospital

Course Participants:

Muni Divyasheel Ram Gounder

Rhea Patel

Radhika Pratap Sharma

Khadeejah Aliyah Whippy

Shainika Sheeka Kumar

Alatagi Reuelu

Aline Teumohenga

Awez Khan

Pauline F Faotusia

Yash Bahadur Singh

Anushka Sheetal Prasad

Simran Jaya Udit

Sweta Shristi Raj

Nikhath Rukshaar Sheik
Shimal Shristi Prasad
Patrina Priyadharshani Autar
Elizabeth Lovelasi Fifita
Kavnish Raj
Shaneel Prasad
Shival Sudeep Narayan
Pritisheel Kirti
Sharmila Ram
Min Jung Kim
Huma Rashid
Elsie Leeman
Eileen MCarthy Tupou
Alice Ashna
Latisha Louise Nagan
Supriya Ashweta Raj
Anjeshni Artika Chand
Nausheen Nilufa Ali
Joowan Gil

Activities:

As this second course began the day after the completion of the Essential Pain Management Course, the participants and facilitators were quite familiar with each other. Therefore after brief introductions, the course proper 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 pretest.

The Course:

It was noted from the initial lectures that the participants had had adequate time to go through the course manual as they quickly began answering questions targeted to them and 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.



Dr Asela giving a lecture.



Dr Neeraj speaking on abdominal trauma.



Dr Nancy with her skills station.



Log-roll.

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.

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 that 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. Moreover, we decided to change from the standard lectures on Obstetric and Paediatric trauma and made it into group discussion and presentations with summary and this got participants more involved in the course.



Chest drain skills.



C-collar application.

Additionally, a great discussion was generated during the disaster module as participants were made to think of disaster responses following the Category 5 Cyclone Winston in 2016 in the small township of Rakiraki. 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.



Paediatric and Obstetric trauma group work and 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	9 - 20	16 - 20	15.8	18.3	16	19

The percentage of scores in each range:

	< 10	10 -12	13 - 15	16 - 18	19 - 20
Pre-test Scores	3%	6%	31.3%	47.2%	12.5%
Post-test Scores	-	-	-	50%	50%

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.

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.



Workshop sessions in small groups.



Acknowledgements:

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

Haziq Hussain, The Program Assistant - Medical sciences department, FNU

The Faculty team for the training.



Participants with their certificates and the instructors.

Prepared by: Dr Deepak Sharma.

