

Primary Trauma Care Course Report (21st - 22nd June 2018)

McGregor House, Lautoka Fiji.

Purpose:

The aim of this training was to equip the second lot of trainee interns for 2018 from FNU for their rotation at the various sub-divisional hospitals around the country.

Summary:

With trauma noted to be in the top 5 reasons for death and morbidity in Fiji, the training of soon to be medical personnel in having a structured approach to trauma care is very important.

The two day training took place at the McGregor House Campus for the College of Medicine, Nursing & Health Sciences in Lautoka and involved a total of 34 participants and 6 facilitators. The standard 2 day program was applied with minor variations to the times allocated.

Having just completed a short course on essential pain management the afternoon prior, it was pleasing to note that the course was well received among the participants and that they actively participated in the discussions.

Course Facilitators:

The instructors for this course were:

Dr Kenton Biribo – Consultant Anaesthetist, FNU

Dr Ifereimi Waqainabete – Consultant Surgeon, FNU

Dr Elizabeth Lee – Consultant Anaesthetist, FNU

Dr Mara Vukivukiseru - Consultant Anaesthetist, Lautoka Hospital

Dr Emily Fuakilau – Senior Anaesthetic Registrar, CWM Hospital

Dr Deepak Sharma – Emergency Department Registrar, CWM Hospital

Course Participants:

Prem Priya Adip - Fiji

Avith Vivek Chand - Fiji

Jone Raynold Waisele - Tonga

Losana Vuki - Tonga

Christie Otunuku - Tonga

Maamakamo Alisi Tuipolutu - Tonga

Nazinta Shayal Kumar - Fiji

Monisha Krishama Gounder - Fiji
Shamaa Al-Maaz - Fiji
Ritambhara Rao - Fiji
Shaniya Faruk - Fiji
Tomasi Tokalauvere - Fiji
Karalaini Tubuna Kataiwai - Fiji
Artika Vandhana Singh - Fiji
Marama Tari - Fiji
Krishant Verma - Fiji
Akilio D - Fiji
Shiuma Sanjappa - Fiji
Rokotavo M Tuisalala - FSM (Chuk)
Josefa Tama Tokon - Vanuatu
Angella Iduramo - Solomon Islands
Musarat Natasha Begg - Fiji
Jope Makutu - Fiji
Rachel Prasad - Fiji
Ashna Devi - Fiji
Ruby Pooja Anganu - Fiji
Zoyah Shaina Riaz - Fiji
Neha Nivarish - Fiji
Nandita Gaunder - Fiji
Elizabeth Mundia - Fiji
Nuualofa Jasmine Mauiliu - Samoa
Karan Pita - Samoa
Charlene Shameeta Shekhar - Fiji
Akash Fateh Singh - Fiji

Activities:

Following the introductions of the participants and facilitators, the participants dove straight into the course 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 all the sessions.

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



Participants sitting the pretest



Dr Waqa delivering a lecture



Students practicing scenarios



More group discussions



Demonstrating secondary survey



Skills station practice

The Course:

The skill stations and the scenario practice proved to be the highlight of the two day training and it was good to see participants not holding back and actively engaging in the sessions. The scenario stations also helped to consolidate the learning that was provided during the morning lecture sessions.

The participants also continued to ask questions throughout the day and these also provided good learning points to the instructors as well.

Day two of the course was just as pleasing as the first. The participants demonstrated a good improvement during the skills stations from day one. Additionally, a great discussion was generated during the disaster module as participants were made to think of disaster responses following a fuel tank explosion at the Vuda Marina during a wedding reception at the nearby hotel. It was good to see that the participants were applying PTC principles and adapting them to a disaster situation.



Disaster scenario group discussions



The candidates also demonstrated good teamwork and camaraderie during the practice stations and worked well together.



Scenario practice sessions



More group discussions

MCQs Scores:

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

As mentioned, the pre-test answers gave an indication of the baseline knowledge of the participants and the also the areas the facilitators needed to work on.

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) | 9 - 20 | 14 - 20 | 15.3 | 17.9 | 17 | 17 & 19 |

The percentage of scores in each range:

| | < 10 | 10 -12 | 13 - 15 | 16 - 18 | 19 - 20 |
|------------------|------|--------|---------|---------|---------|
| Pre-test Scores | 2.9% | 8.8% | 35.3% | 47.1% | 5.9% |
| Post-test Scores | - | - | 14.7% | 41.2% | 44.1% |

Overall there was an improvement noted from the pre-test to the post-test scores. 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.

Feedback:

From the participants the overall feedback was positive and at the end of the 2 day course the faculty was moved a vote of thanks from the participants for their efforts.

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.

From the facilitators, each instructor had as much enjoyment in delivering the course as the participants did learning, and some also took this as a learning opportunity to help deliver the course better. The team worked well together and pitched in to help in the smooth running of the 2 day programme.

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The Faculty team for the training.



Course participants with the faculty team.

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