

# COURSE REPORT

DAR ES SALAAM, TANZANIA

9<sup>th</sup> – 13<sup>th</sup> September 2013

Report Presented by: Dr Deborah Harris

## **COSECSA Oxford Orthopaedic Link (COOL)**

This Primary Trauma Care course is part of a project funded through the Health Partnership Scheme, which is funded by the UK Department for International Development (DFID) for the benefit of the UK and partner country health sectors and managed by the Tropical Health Education Trust (THET). The project is called the COSECSA Oxford Orthopaedic Link (COOL). More information is available at [www.ndorms.ox.ac.uk/cool.php](http://www.ndorms.ox.ac.uk/cool.php).



PTC



## Report on Primary Trauma Care Course held in Muhimbili National Hospital, Dar es Salaam, Tanzania from September 9<sup>th</sup>-13<sup>th</sup> 2013



### **Purpose of the visit**

This report details a UK team visit Dar es Salaam to run a Primary Trauma Care Course in September 2013. This was the first in a series of PTC courses in Tanzania as part of the COOL project (COSECSA Oxford Orthopaedic Link).

Several PTC courses have been run in the past, mainly in Mwanza, Bugando Hospital and Muhimbili National Hospital, Dar es Salaam. Unfortunately the cascade did not continue at that time, possibly partly due to lack of funds and partly due to the untimely death of one of the enthusiasts who was pushing this forward.

During the planning of this course in Tanzania we encountered some problems in terms of communication and organisation which delayed the date of the first course until September 2013. The turning point came when Charles Clayton (CC) and Deborah Harris (DH) travelled to Dar es Salaam in May to meet the members of the local organising committee and firm plans were made.

## **Executive Summary**

The course ran from 9<sup>th</sup>-13<sup>th</sup> September 2013 using the typical 2-1-2 format.

25 participants, a mixture of doctors and nurses, were trained on the first course.

10 participants were selected to train as instructors and attended the train the trainers day.

These 10 instructors then ran the second course: 18 participants, again a mixture of nurses and doctors. The new instructors were excellent: they threw their hearts and souls into it, stuck to time and needed very little mentoring.

English is the third language for all the participants. Even though secondary school education is all in English, we noticed that some of the candidates performed better when encouraged to use Swahili in the scenarios.

2 people on the first course arrived late and did not do the first MCQ. 40/41 participants who did 2 tests increased their MCQ score on the second one.

## **Key staff in planning and coordinating**

Dr Deborah Harris, UK PTC link for Tanzania and course director  
Annette Clack, PTCF Administrator

Dr Juma Mfinanga, General Secretary of the Emergency Medicine Association of Tanzania (EMAT) and PTC Coordinator for Tanzania

Dr Hendry Sawe, President of EMAT

Dr Kepha Bernardi,

Dr Samwel Nungu, COSECSA representative, Tanzania

Prof Victor Mwafongo, professor of Anaesthesia and Emergency Medicine, Muhimbili National Hospital

## **Professional aspects of the visit**

The training room was in the Outpatients Block of Muhimbili National Hospital which had been kindly donated by the hospital administration. It was in an ideal situation for all the local participants to attend and in spite of being on the hospital site the participants who attended stayed for the two whole days. Unfortunately, once the skill stations and scenarios were set up it proved a little too small and an extra room was obtained for the second two day course.

We were unable to access the room on the Sunday prior to the course and were alarmed to see other people still using the room at 9 am on Monday morning. We registered the participants in the corridor outside and once

breakfast had been brought in for the previous meeting, we were able to gain entry and start setting up. The course began at 0950.

The catering was excellent and appeared more or less on time. The accommodation provided for the overseas instructors was ideally situated in the centre of town, a short taxi ride from the hospital and included a large living area suitable for evening debriefs, reliable Wifi and a fridge freezer suitable for the goat.

### **Course participants**

1<sup>st</sup> course: 11 doctors, 14 nurses from Muhimbili National Hospital (MNH), Muhimbili Orthopaedic Institute (MOI) and Mwananyamala Hospital, Kinondoni

2<sup>nd</sup> course: 11 doctors, 6 nurses and 2 medical officers from Muhimbili National Hospital, Aga Khan Hospital, Temeke Regional Hospital, Amana Hospital

### **Overseas Course Instructors**

Dr Deborah Harris, Consultant in Anaesthesia and Intensive Care, Bristol, UK

Mr Tom Hanna, General Surgical Research Registrar, Liverpool, UK

Dr Howard Kingu, Consultant General Surgeon, South Africa

Dr James Rogers, Consultant Anaesthetist, Bristol, UK

Dr Ruth Spencer, Consultant Anaesthetist, Bristol UK

### **Local Instructors**

Dr Juma Mfinanga, Emergency Medicine, MNH

Dr Hendry Sawe, Emergency Medicine, MNH

Dr Kepha Bernardi, Emergency Medicine, MNH

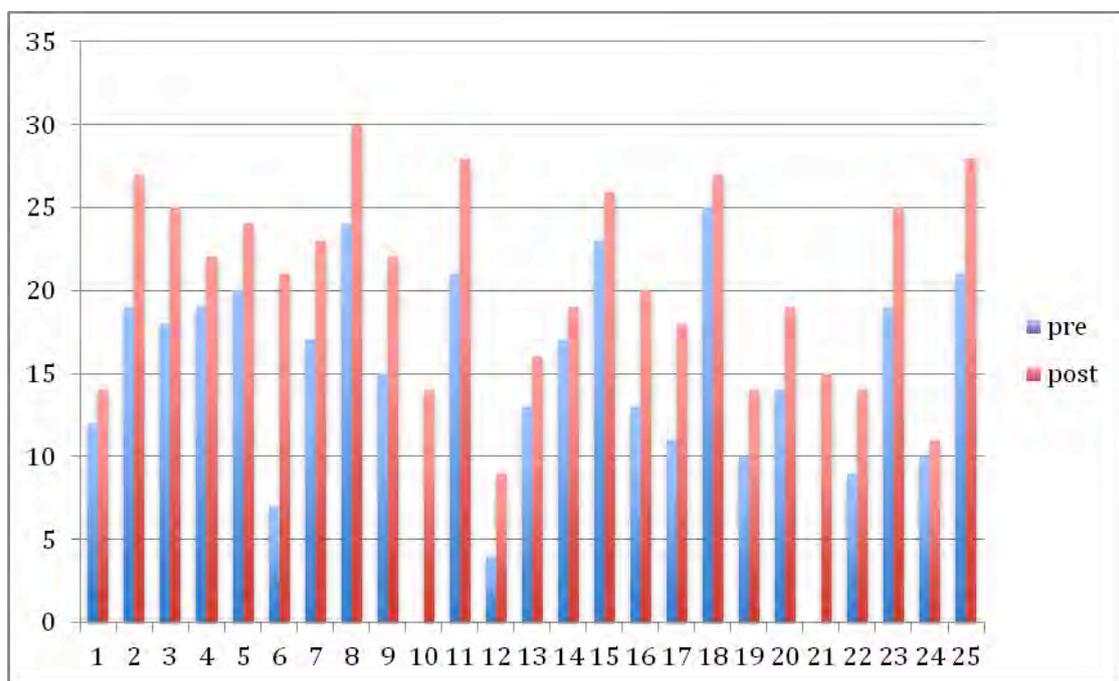
### **Contents of the two day courses**

The first course started a little late and there was no goat available so some of the lectures had to be shortened and the skill stations changed from Monday to Tuesday. The goat arrived on Tuesday morning and was slaughtered in the grounds of the hospital. We used one leg for an interosseous skill station and one side of the thorax for intercostal drains. We then took the goat back to the hotel and stored it in our freezer until the Thursday for the second course. We included the choking adult and child in our skill stations.

The feedback from these courses was good. Typical positive comments included “could have spent more time on scenarios” and among the negative ones was “difficult for some of the nurses to understand some of the medical terms”.

Ten candidates attended the Wednesday instructor course. The feedback was universally good and these new instructors then ran the second two days, with one of them taking charge each day.

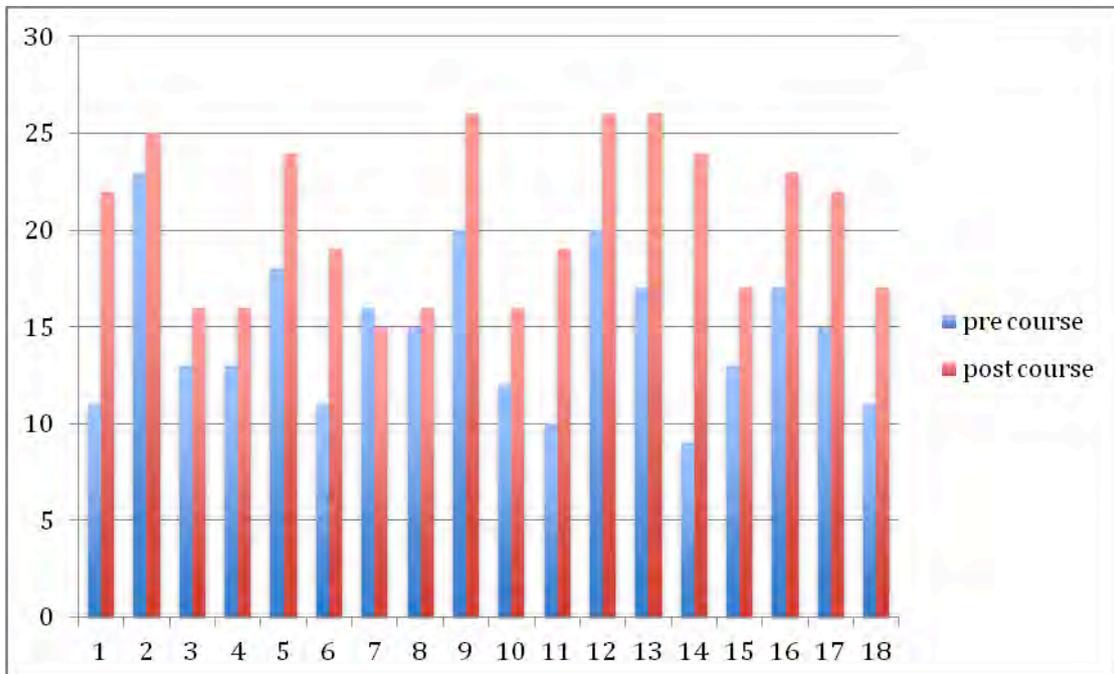
There was no media coverage and although the Ministry of Health had been contacted, nobody was able to attend because parliament was sitting in Dodoma.



Results of MCQs on the first course



At the end of the Tuesday we were honoured by the presence of the Executive Director of the hospital Dr Marina Njelekela as well as Professor Mwafongo and Dr Nungu at the certificate ceremony.



Results of MCQs on the second course



The candidates and instructors of the second course.



The new instructors worked incredibly hard and were buzzing by the time they finished. They said they really enjoyed it and were grateful that we had left them to it. The reality was that they needed very little help.

On the Thursday evening we invited the new instructors to have a celebration dinner with us at the Mamboz Grill in Dar es Salaam. Seven of them came along and a good evening was had by all.

### **Plans for the future**

On Friday September 13<sup>th</sup> Professor Mwafongo arranged for Dr Kingu and me to go to the Ministry of Health. We met Dr Chuwa and Dr Elias Kwesi, the Assistant Director of Emergency Preparedness and Disaster Response. We explained the nature of the courses, the enthusiasm of the new instructors and received a positive response. The courses were referred to as “timely” in that there are many new roads being built at the moment with a consequent increase in traffic accidents. Another common theme was the recent importation of many motorbikes and the increase in associated road trauma. There have also been three recent blasts with fatalities which might possibly have been reduced had PTC been widespread throughout the country. They seemed to be impressed by the budget for the week of courses, and we have agreed to send them the final budget along with a copy of the report.

Before we left Dar es Salaam I sat down with Dr Mfinanga and Dr Sawe to make plans for future courses. The proposal is to pair up regional referral hospitals with other hospitals to run two centre courses, but starting close to Dar es Salaam:

Dec 2013 – Kibaha – Bagamoyo

March 2014 – KCMC – Mt Meru

June 2014 – Mbeya – Iringa

Oct 2014 – Mtwara – Linde

This will involve moving instructors and kit on the Wednesday after the instructors course - a logistical challenge!

With this in mind, the training box and projector so kindly donated were left in their care.

Many thanks to Annette Clack for all her organizational skills and to Kepha Bernardi who made everything run smoothly.

## Appendix 1: List of provider and Instructor candidates

Nyakanda Marwa	Nurse	MNH
Kitembo S Kibwana *	Gen surgeon	MNH
D Mahenda *	Urologist	MNH
Amiri Saidi Kaduri *	Emergency Medicine	MNH
Kweka Walter *	General Surgeon	MNH
Cresencia Mwibari *	Nurse	MOI
Senorina Dagahoo *	Nurse Officer	MNH
Edwin R Lugazia *	Anaesthesiologist	MNH
Saidi Mwanemu	Orthopaedic nurse	MOI
Adella L Massawe	Nurse	Mwananyamala, Kinondoni
Rehema R Ally	Nurse	MOI
Dr L Mutakosa	AMO	Mwananyamala, Kinondoni
Winfrida Kaihuk *	Doctor	MNH
Edwin Mrema	Surgeon	MNH
Renatus Tarimo *	Doctor	MNH
Furaha Godfrey	Nurse Officer	MOI
Adrophina Nestory	Nurse	MOI
Hadija O Kigarama	Ass Nurse Officer	MNH
Happines S Mligo	Nurse	MOI
Leticia P Mlelwa	Nurse	Mwananyamala, Kinondoni
Hapy Nkuba	Nurse	MNH
Optatus A Silanda *	Critical Care Nurse	MNH
Catherine R Shari *	Medical Officer	MNH
Tabirl S Mukhand	Nurse Officer	MNH
Caspar Haule	Gen Surgeon	MNH

### Provider course No1

Khatib K Liomine	Clinical Officer	Temeke
Ludovick L Sirima *	Medical Officer	Amana
Mohamed Suleiman Ali	Nurse	Temeke
Beatrice R Ngenzi	Nurse	Amana
Emeline E Mshana	Nurse	Amana
Gaudensia J Kisame	Nurse	Aga Khan
Hollo Enock Kipole	Nurse	Amana
Happiness Laizer	Nurse	MNH
Kamani M Godfrey *	Doctor	Amana
Hussein Wajihi *	Doctor	Aga Khan
Godfrey Chuwa	Doctor	MNH
Anna A Sanga *	Doctor	Amana
Zaidi Kombo Zaidi	Doctor	MNH
Susan P Mbonde *	Doctor	MNH
Shally *	Doctor	MNH
Rita H Mwakalinga	Doctor	MNH
Moses H Mulungu *	Doctor	MNH
Michael S Mselle	Doctor	MNH

### Provider course No2

\* denotes potential instructor candidate