

COURSE REPORT

EMBU COUNTY REFERRAL HOSPITAL, KENYA

19 – 23 May 2014

Report Presented by: Dr. Mathenge Nduhiu

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.



PTC



Primary Trauma Course Narrative Report

Embu County Referral Hospital
19th to 23rd May 2014

Purpose of the visit

This was the first course to be held in the Eastern region of Kenya. This region has two referral hospitals and the course was held in the referral hospital located in the upper eastern region. This was also the first locally funded full PTC course in Kenya, run entirely by Kenyan instructors. Participants were largely drawn from the Embu Referral Hospital out-patient and surgical departments. The course was held at the Government Training Institute Embu, a short distance from the Embu County Referral Hospital.

Executive summary

A total of 37 clinicians were trained of whom 7 took the instructor course. We believe that this course demonstrates the possibility of self sustainability of PTC training in Kenya. The decentralization of healthcare management in Kenya under the new constitution has provided an opportunity for negotiations for funding of courses at a local level which is likely to provide more positive results. The challenge will however be that the PTC team will require to negotiate with each specific county (total 47) whenever interest is generated for a course. There will no longer be any centralized decision making on matters health, with the Health Ministry now serving a policy guidance role.

We were privileged to welcome Mr. Charles Clayton PTC C.E.O to observe this training. We as PTC team Kenya are very grateful to him for spending his valuable time with us, and sharing his expertise on PTC, management, organizational, and personal development. His insights will no doubt improve our development as PTC Kenya and the planning and delivery of courses in future.

Key staff involved in planning and coordinating

1. Dr. Mathenge Nduhiu- General Surgeon – regional representative, Nyeri
2. Dr. Samuel Ndanya – Orthopaedic Surgeon – local course director, Embu
3. Dr. Josephine Ohas – Medical Officer , Nanyuki TR&H
4. Dr. Bishar Ibrahim Ali – Medical Officer, Embu CRH
5. Mr. George Mochama – Clinical Officer, Nanyuki
6. Dr. David Chesori – Medical Officer, Kitale
7. Dr. Jane Mnyapara – Medical Officer, Tigania Mission Hospital

Professional aspects of the visit

The Embu Government Training Institute (GTI) provided an ideal venue for the training. We however experienced challenges in the timings for breaks and meals not always coinciding with the set institute timetable, but the management graciously agreed to make special arrangements for us. This training was conducted by the primary team of Kenyan instructors, and data was collected using the COOL project format, after consultations with the PTC administrator in the UK.

Course participants day 1 and 2

Sixteen participants attended the first training comprising 6 medical officers, 2 clinical officers, 5 nursing officers, 1 clinical officer anaesthetist, 1 orthopaedic technician, and 1 occupational therapist. These staff were mainly drawn from the casualty department of Embu hospital. All the participants recorded improvement and also gave testimonies that they had learnt a lot and recognized areas of trauma management that they had not performed well in their practice before.

The following seven were selected to join and successfully completed the instructor's course;

| Name | Designation | Work station |
|----------------------------|--------------------|----------------------------|
| Dr. Robert Oluoch | Medical Officer | Embu CRH |
| Dr. Ben Mutiso | Medical Officer | Ishiarah District Hospital |
| Dr. Charles Wanjohi | Medical Officer | Embu CRH |
| Teresiah Mbithe Matheka | Nursing Officer | Embu CRH |
| Dr. Nasieku Koikai | Medical Officer | Mbeere District Hospital |
| Teresiah Muthoni | Nursing Officer | Embu CRH |
| Dr. Robert Mokuu | Medical Officer | Embu CRH |

Course participants day 2 and 4

The second standard course had 21 participants, due to the inclusion of a New Zealander student on elective at the hospital. The other participants were 7 medical officers, 1 clinical officer anaesthetist, 8 nursing officers, and 4 clinical officers.

Details of activities

The first course started on time and the participants were very enthusiastic and interactive. The scenarios and skills stations were rated as the most

popular and all the participants showed improvement in the MCQ as well as scenarios. All the materials had been prepared well as Dr Ndanya the local course coordinator is one of the experienced PTC instructors in Kenya.

We had delays in the tea and Lunch breaks because we had not realized that we were required to fit in with the institution's timetable for these. However after consultations with the venue managers we were allocated a specific dining room for lunches and tea was provided outside our hall.

Day 4 and 5 training was very well organized and delivered by the new instructors and all went well without any hitches. The overall performance improved although we had one participant scoring 3 points less in the post course MCQ, than they had in the pre course test.

Media coverage

There was no media coverage

Evaluation of the relevance and success of this course

The course was successfully executed and was highly appreciated. As is the scenario in other parts of Kenya in the public health sector, this was the first training of its kind in the region. The summary below shows the MCQ results for the two courses.

| DAY | Highest score | | Lowest score | | Average | |
|------------|----------------------|-------------|---------------------|-------------|----------------|-------------|
| | Pre | Post | Pre | Post | Pre | Post |
| 1 | 27 | 30 | 11 | 13 | 18 | 24 |
| 2 | 24 | 30 | 11 | 15 | 17 | 24 |



Mr Charles Clayton giving some opening remarks as Dr. Ndanya listens keenly.



Above: Lecture in session day 2. Below: Dr Ali, Best in MCQ receives a prize





Instructor course lecture .

Report prepared by Dr:Mathenge Nduhiu