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POST PTC COURSE NARRATIVE REPORT
(For PTC Africa 2012-2014 Programme)

Kigali,

Rwanda

15-19 April 2013

The purpose of the visit was to commence the COSECSA/COOL PTC project in Rwanda

The UK faculty were

Jeanne Frossard. Consultant anaesthetist UCLH NHS Foundation Trust (lead)

Sue Wright. Consultant anaesthetist UCLH NHS Foundation Trust

David Sedgwick. Consultant General Surgeon Belford Hospital, Fort William, Scotland

Noel Peters, Orthopaedic Spr. Oxford

Mark Pulletz, Consultant Anaesthetist. Dorset County Hospital NHS foundation Trust

All the faculty had arrived by Saturday lunchtime. The Gorillas Hotel was very comfortable and had exceptionally helpful staff. The venue for the training was in the gardens of the hotel and so this made things very easy as transport was not needed to the venue

In the afternoon we had a meeting with Dr George Ntakiyiruta. general surgeon., CHUK (Central University Hospital of Kigali), COSECSA representative and head of Education Committee of Rwanda Surgical Society (RSS), and Dr Emile Rwamasirabo Consultant urologist. President of RSS. They both felt that PTC was extremely relevant for Rwanda and would compliment the TTT course (Trauma Team Training) and had a plan mapped out for 4 courses

The course has been accredited for 32.5 CPD credits by the Rwanda Medical and Dental Council/CPD programme upon full participation and completion of PTC

There was no media coverage

Contents of the Primary Trauma Care course

Day1

Secretarial support was kindly given for registration by Mercy Kamukama from the RSS. Although the course was due to start at 9am people were waiting on the balcony of the venue at 8 am which was very encouraging.

The participants consisted of a mixture of surgeons and anaesthetists but predominantly surgeons as the RSS was organising the training. The participants came from KFH (King Faisal Hospital), CHUK Central University Hospital of Kigali, RMH (Royal Military Hospital)

| No. | Names | | Address |
|-----|----------------------|----------------------------|---------|
| 1 | Mwumvaneza Thoenest | Anaesthesia | CHUK |
| 2 | Ruhungande Landouald | Senior resident in Surgery | CHUK |

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|----|----------------------------|----------------------------|----------|
| 3 | Uyisabye Innocent | Senior resident in Surgery | CHUK |
| 4 | Majyambere J. Paul | Senior resident in Surgery | CHUK |
| 5 | Ngeruka Muyenzi Leon | FCS trainee | RMH/CHUK |
| 6 | Rubanguka Desire | MCS trainee | KFH |
| 7 | Daphrose Mukabagire | Anaesthetic assistant | KFH |
| 8 | M. Devris Mwamba | GP | KFH |
| 9 | Dr Bahati Felix | MCS Trainee | CHUK |
| 10 | Rugimbabahizi Narcisse | Anaesthetic assistant | RMH |
| 11 | Mukwiye Thomas | RN | CHUK |
| 12 | Dr Mussa R. Gakwaya | MCS Trainee | RMH |
| 13 | Niyomugabo Etienne | RN | CHUK |
| 14 | Dr Baguma Richard | MCS trainee | RMH |
| 15 | Mukakamali Chance Delphine | RN | CHUK |
| 16 | Murindabyuma J Nepo | Anaesthetic assistant | RMH |
| 17 | Mukagaju Françoise | MCS trainee | KFH |
| 18 | Florence Umurangwa | Senior resident in surgery | KFH |
| 19 | Nkurunziza Charles | RN | CHUK |
| 20 | Kabuyaya Medard | Senior resident in surgery | CHUK |
| 21 | Dr Mumbere Lwanzo | GP | CHUK |
| 22 | Athanase Munyaneza | RN | KFH |

The standard PTC format was followed

A misunderstanding meant that the MCQ that was printed was the old version and there was not time to get the new version photocopied but it was felt that this was not a huge problem and so we continued with the old one.

There was a 13% increase from an average of 72% to 85%

The lecture on local trauma perspective was kindly given by Dr Emmanuel Mkusi Neurosurgeon, head of the emergency department at King Faisal Hospital, chair of NTWG (National Technical Working Group) for trauma training. The lecture was very useful for the overseas lecturers and clearly showed that whilst trauma management had greatly improved in the major centres in the districts there was still a lack of emergency room with patients being admitted directly to the wards. There was a high incidence of missed cervical spine injury

The lecturers used all different teaching methods from slides to whiteboard

The venue had a lovely balcony and so the skill stations could be done outside which was very good for everyone's concentration. Dr George produced an ingenious goat thorax that consisted of a fresh thorax covered with foam rubber and vinyl layer for the skin which made chest drain insertion seem very realistic (see photo)

A demonstration kit was also produced for cricothyroid puncture

Day 2

The standard format was followed again with the usual rush to get through the lectures. The workshops could be conducted outside again and the scenarios proved popular

At the end of day 2 Jeanne conducted a brainstorming and the candidates were briefed for the instructor day. They had been pre selected by Dr George and he had made some excellent choices. This was arranged in the pre-course planning. All the candidates seemed to be keen and positive about becoming instructors

Day 3 Instructor course

The instructor candidates were as follows

| No. | Names | | Address |
|-----|----------------------------|----------------------------|----------|
| 1 | Mwumvaneza Thoenest | Anaesthesia | CHUK |
| 2 | Ruhungande Landouald | Senior resident in Surgery | CHUK |
| 3 | Uyisabye Innocent | Senior resident in Surgery | CHUK |
| 4 | Majyambere J. Paul | Senior resident in Surgery | CHUK |
| 5 | Ngeruka Muyenzi Leon | FCS trainee | RMH/CHUK |
| 6 | Rubanguka Desire | MCS trainee | KFH |
| 7 | Dr Bahati Felix | MCS Trainee | CHUK |
| 8 | Dr Mussa R. Gakwaya | MCS Trainee | RMH |
| 9 | Dr Baguma Richard | MCS trainee | RMH |
| 10 | Mukakamali Chance Delphine | RN | CHUK |
| 11 | Mukagaju Françoise | MCS trainee | KFH |
| 12 | Florence Umurangwa | Senior resident in surgery | KFH |
| 13 | Kabuyaya Medard | Senior resident in surgery | CHUK |

The standard format was followed for the instructor course and everyone enjoyed the day. We were taught the correct way to peel a banana and had some lively discussions on customer service at the Gorillas hotel!

The candidates reported that they had found the instructor course particularly useful

Days 4/5

The participants for these two days were twenty 6th year medical students. The intake into the medical school is 100 every year and so the plan is for all medical students to have done PTC before they are sent to the district hospital for one year as interns

The MCQ showed a 13% increase again from 79-92%

Richard had not managed to be there for any of the practice session during the instructor course and so he had practice sessions with the faculty throughout the day and was awarded his instructor certificate

The new instructors were as follows

| No. | Names | | Address |
|-----|----------------------------|----------------------------|----------|
| 1 | Ruhungande Landouald | Senior resident in Surgery | CHUK |
| 2 | Ngeruka Muyenzi Leon | FCS trainee | RMH/CHUK |
| 3 | Rubanguka Desire | MCS trainee | KFH |
| 4 | Dr Bahati Felix | MCS Trainee | CHUK |
| 5 | Dr Mussa R. Gakwaya | MCS Trainee | RMH |
| 6 | Dr Baguma Richard | MCS trainee | RMH |
| 7 | Mukakamali Chance Delphine | RN | CHUK |
| 8 | Mukagaju Françoise | MCS trainee | KFH |
| 9 | Florence Umurangwa | Senior resident in surgery | KFH |
| 10 | Kabuyaya Medard | Senior resident in surgery | CHUK |

The Participants were

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| Moise Habineza |
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|--------------------------|
| Jean pierre Hagenimana |
| Vicent Ndayiragije |
| Maurice Nsanzabera |
| Phocas Nsengiyumva |
| David Humud |
| Francois Nzaramba |
| Alexandre Nyirimodoka |
| Samuel Haule |
| Vedaste Nshunguyinka |
| Charles Nkurunziza |
| Jean Aimable Habiyahare |
| Faustin Turamyimana |
| Jean Bosco Habyarimana |
| Jean Luc Nkengurutse |
| Boneventure Twahirwa |
| Martin Hakorimana |
| Ernest Nshimiyimana |
| Alex Niyibizi |
| Jean Christophe Rusatira |
| |

The standard format was followed again

Timing was excellent under Landouald's leadership and it was a very professional performance. They were innovative with their teaching methods and used all different formats. The medical students were very interactive and involved. There were some language issues and a mixture of English, French were used. For the lecture on circulation, Delphine spoke in French with the French slides. They are poorly translated and need revising. Delphine said that she would edit them for us and send to PTCF. Felix conducted his airway lecture in French with the English slides. At the end of the day they had clear ideas about how they would like to rearrange the course to fit into the Rwanda working pattern

Dr Emmanuel Mkusi came back to lecture on disaster management in Rwanda which was extremely informative as the Rwandan plan was unknown to the medical students

The feedback from the medical students was very positive as they felt that it really consolidated their training and they felt better equipped to manage trauma when they are in the district

In fact one medical student called Jean Christophe Rusatira who is trying to set up a programme called FAIR (First Aid In Rwanda) was keen to make contact with Saeed Minhas about his manual and this contact has been made, information has been passed on to Dr Bilal Ahmed who is the co-founder of FRIP (First Response initiative in Pakistan) and both parties seem excited about collaboration

After the course we all had a debrief in the bar with Dr George and the new faculty
The plan is as follows

-Rwanda will have 4 courses the next one being in September (date awaited). One of the UK faculty will go back with a new PTC instructor. This course will be in Butare

- The other two courses will be in 2014, one in the east and one in the west in rural locations
- They will run another course for medical students before the course in September
- They will arrange for five courses a year to cover each intake of medical students
- They would like people who are going to undertake TTT to have done PTC first
- They will assist with the translation of the slides in French
- Dr Theoneste will see that anaesthetists get trained to help instruct on the courses
- Some of the instructors expressed great interest in helping with PTC in Other countries and Felix and Meard were particularly interested as they are from the Congo originally and would be interested in helping there

Sue, Mark and Noel spent the morning at King Faisal and CHUK on day 5 and also visited the memorial for the genocide. Sue and Noel stayed on for a day to see the gorillas and Mark moved on to the Sudan.

David is particularly interested in PTC in Palestine as he teaches in East Jerusalem every year and so I will be putting him in contact with the PTC team there

Acknowledgments

Many thanks to Dr George, all the local Rwandan instructors, administrators and venue staff and Pancham who was in charge of the conference facility

Many thanks to the UK faculty for giving up their time to come and teach PTC

Many thanks to Annette Clack and Charles Clayton and all their tireless work in the UK

Jeanne Frossard

PTC course director

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

