

# COURSE REPORT

BUTARE, RWANDA

17<sup>th</sup> – 21<sup>st</sup> September 2013

Report Presented by: Dr Mark Pulletz

## **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



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## POST PTC COURSE NARRATIVE REPORT

(For PTC Africa 2012-2014 Programme)

Emmaus Hostel, Butare, Rwanda

17<sup>th</sup>-21<sup>st</sup> September 2013

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

### UK Faculty:

Dr Mark Pulletz, Consultant Intensive Care & Anaesthesia, Dorset County Hospital

Dr Barbara Cleaver, Consultant in Emergency Medicine, UCLH

Grace Le, COOL, Oxford (Observer)

### Rwanda Faculty:

Dr Georges Ntakiyiruta, (Course Co-ordinator) General surgeon, CHUK (Central University Hospital of Kigali), COSECSA representative and Head of Education Committee of Rwanda Surgical Society (RSS)

Dr Ruhungande Landouald (Course Leader), Senior Resident in Surgery, CHUK

Dr Umurangwa Florence, Senior Resident in Surgery, King Faisal Hospital, Kigali

Dr Mussa R Gakwaya, MCS trainee, Rwandan Military Hospital, Kigali

Dr Majyambere Jean-Paul, General Surgeon, CHUK

Dr Mwumvaneza Thoeneste, Anaesthesiologist, CHUK

Unusually the course was held from Tuesday through to Saturday because of National elections held on the Monday. The entire faculty arrived at the Emmaus hostel by Monday evening. The hostel served as both the accommodation and training venue. Most of the training took place in the large, airy conference room of the hostel. The accommodation was clean, comfortable, good value for money and had pleasant and helpful staff. Some of the candidates travelled to Butare from significant distances and it was decided to house these people at the hostel together with the Faculty.

Both the 2-day (15 credits) and the full 5-day (32.5 credits) course have been accredited for CPD credits by the Rwanda Medical and Dental Council/CPD programme upon full participation and completion of PTC.

There was no media coverage.

### Course programme:

#### Day1:

The course started on time but many natural French-speaking candidates found the MCQ in English too difficult in the given time.

The participants consisted of a mixture of surgeons, general practitioners and anaesthetists. The participants came from Central University Hospital of Butare (CHUB), and a variety of outlying hospitals.

1	Bayisenga Justin	CHUB/General Surgeon
2	Bikiroti Joel	CHUB/General Surgeon
3	Ugiraneza Dancille	CHUB/Technician Anaesthetist
4	Ngendakumana Georges	Remera Rukoma /Doctor
5	Kabera Rene	Kabutare/ Doctor
6	Bayisenga Theophile	Ruhango/nurse
7	Habimana Fulgence	Munini/Nurse
8	Kashingane Emmanuel	Kibirizi/Doctor
9	Iragi Raphael	Ruhango/Doctor
10	Murebwayire Zaituna	Nyanza/Nurse
11	Lwesso Guillain	Nyanza/Doctor
12	Rukundo Jean Pierre	CHUB/Nurse
13	Mwizerwa Olivier	CHUB/Nurse
14	Bagirinka Monique	Kibirizi/nurse
15	Rulemba Zacharie	Gitwe/doctor
16	Gwaneza Felix	Kabgayi/Nurse
17	Mwiseneza Pierre	Kabgayi Doctor
18	Iribanje Esperence	Kabutare/Nurse
19	Ndayisaba Daniel	Kigeme/Nurse
20	Mwemedi Tambwe Patrick	Kigeme/Doctor
21	Kazadi Patrick	Munini/Doctor
22	Baziha Munguiko	Kibuye/Doctor

**(Pre-selected instructors for instructor course)**

The standard PTC format was followed.

The lecture on local trauma perspective was kindly given by Dr Landoauld Ruhungande. The content was that of the talk given by Dr Emmanuel Mkusi, Consultant Neurosurgeon, Head of the emergency department at King Faisal Hospital and Chair of NTWG (National Technical Working Group) for trauma training.

The day's lectures were given in a mixture of English (mainly) and French (some), with frequent additional explanations in Kinyarwanda. Many of the participants had relatively poor ability in English.

The Emmaus hostel, run by Sister Bellancilla, had a lovely courtyard and so 2 of the 4 skill stations were done outside. Dr George produced the same excellent goat thorax as that used in Kigali (fresh goat covered with foam rubber and vinyl).

An excellent demonstration kit was also provided for cricothyroid puncture.

Day 2:

Many participants arrived late so the start was delayed. The Rwandan instructors had their first taste of 'techno-failure' as the projector shut down after the first lecture. However, Jean-Paul managed well at the last minute and talked through the abdominal & limb trauma information prompted by his laptop. Theoneste did an excellent talk on Trauma in children & pregnancy using 3 languages, a whiteboard and Sim-Baby. With the projector now working again, I elected to give the Burns lecture in English, but with the background slides in French. The Rwandan faculty supported me with the participants' questions in Kinyarwanda! At the debrief at the end of the day, the UK Faculty decided that we would deliver our remaining lectures

in this way, as it appeared to be helpful to many of the candidates.  
The workshops could be conducted outside again and the scenarios proved popular.

At the end of day 2 Lando summarized the course and conducted a 'brainstorming' session, which produced much the usual comments. In particular, requests for more visual material were popular, perhaps a reflection of the language difficulties.

MCQ change - there was a 16% increase from a mean of 52% to 68%, although some of the low scores probably reflect languages difficulties.

The candidates were briefed for the instructor day. They had been pre selected by Dr George and Dr Justin. Some 3-4 candidates were disappointed about not being selected and left after lunch on day 2. All the candidates seemed to be keen and positive about becoming instructors.

### Day 3 Instructor course:

The standard format was followed for the instructor course and everyone enjoyed the day. The 2 UK Instructors gave their lectures (feedback, group discussions & scenarios) using French slides.

The candidates reported that they had found the course particularly useful. They enjoyed the interactive nature of the course and the chance to be taught how to teach.

### Days 4/5:

To our surprise, we were informed that 25-30 medical students were expecting to attend the 2<sup>nd</sup> course. These would be a mixture of 15-20 1<sup>st</sup> year and nine 4<sup>th</sup> year students. To remedy this, and to avoid disappointment, we changed the programme to give the lectures for day 1 in the morning (attended by all). Only the 4<sup>th</sup> Year students remained after lunch and attended day 2.

The new instructors were as follows:

Bayisenga Justin	General Surgeon, Butare (CHUB)
Bikiroti Joel	General Surgeon, Butare (CHUB)
Ugiraneza Dancille	Technician Anaesthetist, CHUB
Ngendakumana Georges	Doctor, Remera Rukoma Hospital Family & community Physician, Kabutare Hospital
Kabera Rene	Nurse, Munini Hospital
Habimana Fulgence	GP, Kibirizi Hospital
Kashingane Emmanuel	GP, Ruhango Hospital
Iragi Raphael	GP, Ruhango Hospital
Mwizerwa Olivier	Nurse, CHUB
Rulemba Zacharie	GP, Gitwe Hospital
Gwaneza Felix	Nurse, Kabgayi Hospital
Mwemedi Tambwe Patrick	GP, Kigeme Hospital

The 4<sup>th</sup> Year medical student participants were:

CONRAD Jana  
SEBASHI Francois  
KWIZERA Axel  
NTSINZI Blenfait  
NDARIBITSE Christian  
MWEMERASHJAKA Lucien  
KANERA Deogratias  
MUMARARUNGI Angeline  
NDAYIRAGIJE Vincent

Day 4: Under Justin's leadership, the morning ran to time and was well received. The MCQ was delivered 'on-screen' with clarification of questions by the new Faculty, who decided that it would give a more accurate reflection of abilities.

The medical students were very interactive, asked many questions and really enjoyed the skill stations, workshops & scenarios. It was particularly advantageous on the skill stations and scenarios to have a small number of candidates, as the new instructors were able to consolidate their teaching techniques e.g. full 4-stage teaching. A mixture of English, French & Kinyarwanda was used.

Day 5 (Saturday) was rearranged to enable instructors from distant hospitals to leave in good time. The day started at 08:00 and lunch was delayed until after the Disaster Management lecture, leaving scenarios, MCQ and summary for the afternoon session. The course was very well received by the medical students, many of whom personally thanked the Faculty for an excellent course.

Acknowledgments:

Particular thanks go to Dr Justin Bayisenga for co-ordinating and contacting the various hospitals in the district and gaining permission to release their staff for the course. Also, thanks to Dr Georges and all the Kigali Rwandan instructors, administrators and the venue staff for their time, enthusiasm and planning.

Many thanks to the Dr Barbara Cleaver for giving up her time to come and teach PTC. Thank you to Grace Le for accompanying us and helping with the admin. Finally, a big thank you to Annette Clack and Charles Clayton and all their work in the UK.

Mark Pulletz  
PTC Course Director  
Butare

September 2013