

# COURSE REPORT

NDOLA, ZAMBIA

21<sup>st</sup> – 25<sup>th</sup> October 2013

Report Presented by: Dr Mike Dobson

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

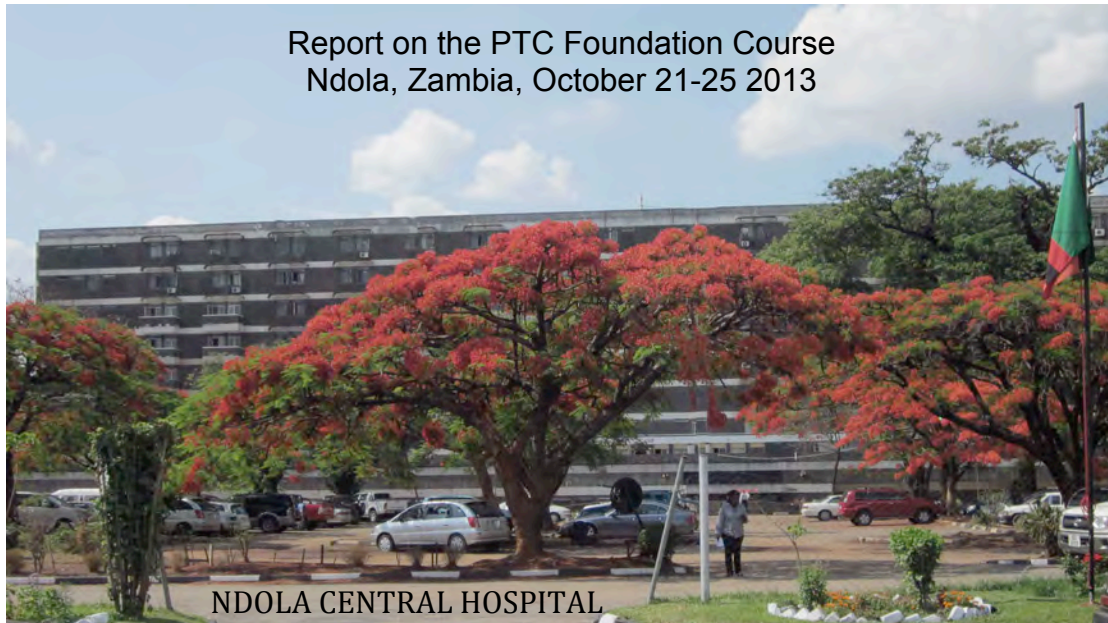
This Primary Trauma Care course is part of a project funded through the Health Partnership Scheme, which is funded by the UK Department for International Development (DFID) for the benefit of the UK and partner country health sectors and managed by the Tropical Health Education Trust (THET). The project 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 the PTC Foundation Course  
Ndola, Zambia, October 21-25 2013



### Summary

This visit was the second in Zambia under the PTC/COOL project, to introduce a foundation 2-1-2 PTC programme in Ndola, Zambia's second largest city with a population of over half a million, situated in the copperbelt

We trained 21 local participants on the first course, then the ten instructors we trained went on to deliver a course to 15 more participants on the second course. Overall MCQ marks were high; we were delighted with the 24% improvement in marks between MCQ's on the first course.

So far the 2 courses have trained 65 health professionals in PTC and 18 as PTC instructors.

Before leaving we made plans with our Zambian colleagues for the next courses.

### Background

The first PTC course in Lusaka trained eight new instructors, from whom the majority of the faculty for the Ndola course was drawn. The timing of the course was on the basis of advice from our Zambian colleagues. Drs Shamambo and Bowen kindly made an 800 km round trip by road to check in advance that suitable facilities were available for teaching, and to accommodate the visiting faculty.

### Preparation and Venue

Naomi and Lowri found us a near-ideal venue at the Ndola College of Biomedical Sciences. This is an excellent central location, across the road from Ndola Central Hospital. We had a large lecture room, and adjacent area into which we could expand during the skill stations and similar sessions. A local colleague kindly obtained a goat thorax for use on the chest drain station.

The course printed materials had been prepared before the arrival of the team by the THET office. They were transported by road to Ndola, together with the two boxes of teaching equipment. These were invaluable since, unlike Lusaka, we did not have access to medical school teaching equipment.

We delivered a standard PTC 2:1:2 package – a 2-day PTC course, followed by a 1-day instructor course, the newly-trained instructors then immediately delivering a second PTC course to a new group of students.

### **Course participants**

The participants for the first course were a mixture of physicians and nurses with an interest in trauma. Those selected as instructors were mostly senior physicians, but included a senior ITU nurse

For the second course a further group of doctors and nurses attended the 19 original registrants. Participants in both courses came from all over the copperbelt region, including Kitwe, Roan Antelope Hospital, Arthur Davidson Childrens Hospital Ndola, and the Zambian Flying Doctor Service.

### **Course faculty**

#### **Course 1 (October 21/2)**

Dr Mike Dobson,	Consultant Anaesthetist, Oxford, UK (Course Director)
Dr Emmanuel Simwanza,	Consultant Orthopaedic surgeon, UTH Lusaka
Dr Rae Oranmore-Brown,	Specialist surgeon, Lusaka
Dr Naomi Shamambo	Trainee Anaesthetist, UTH Lusaka (Administrator)
Dr Lowri Bowen,	Trainee Anaesthetist, Cardiff / UTH (OOPE)

#### **Instructor Course (October 23)**

Dr Mike Dobson (Course director)  
Dr Rae Oranmore-Brown  
Dr Emmanuel Simwanza

#### **Course 2**

Dr Masuzyo Zyambo (Course co-ordinator)	Dr Sompo Mwanza (DRC)
Dr Idi Ehanga (DRC)	Dr Joseph Mulenga
Dr Brian Malao	Dr Collins Muke
Dr Raymond Mosowoya	Sister Mary Nsamba
Dr Michelo Moyoba	Dr Naomi Shamambo
Dr Lowri Bowen (UK)	

Formal teaching roles were assigned in advance; faculty meetings on the afternoon preceding each course allocated remaining jobs, including leadership of small groups, and essential non-academic roles such as timekeeping and whiteboard scribe.

### **Content and structure of the courses**

We followed the specimen timetables for the courses as shown in the instructor manual.

### **Acknowledgments**

We wish to thank the Ndola College of Biomedical Sciences, our hosts, and Dr Brian Malao, who helped make local arrangements.

The key to the success of the course was the excellent preparation done in the months before the team arrived by Drs Shamambo and Bowen, who organised publicity, liaised with local faculty, prepared the also made an 800 km road round trip in advance to inspect the venue and facilities. Annette Clack and Charles Clayton also gave valuable support

### **Plans**

We are currently planning our next two courses, one in Lusaka and one in Livingstone, to which we intend also to invite participation from the geographically close part of Zimbabwe. Dr Idi Ehanga from Comgo (DRC) plans to start preparing for the introduction of trauma training materials, and ultimately full PTC courses, in Goma and/or Kinshasa. He is chair of the Congo Surgical Club, and will also seek an opportunity to speak to the Congolese Prime Minister's medical adviser about possible introduction of PTC into DRC. Dr Sombo Mwansa, one of our newly trained instructors, is also a Congolese national.

## Course Participants

