

Report of Foundation PTC Course, Mwanza Tanzania
15th - 19th June 2009.

Background;

Early this year Dr. Steve Justus an Emergency care physician working with the "Touch Foundation" (www.touchfoundation.org) based in Mwanza, Tanzania and Dr. Isidor Ngayomela an orthopaedic surgeon at Bugando Medical Centre got in touch with the PTC foundation with a proposal for a foundation course based at Bugando Medical Centre. Dr. Isidor did all the leg work & organised the course. Dates were set for May but due to logistical difficulties on our side it was moved forward to June 15th.

Mwanza is large town in northern Tanzania on the western shores of the magnificent Lake Victoria and we woke up to this magnificent view every morning. It is known as a hub for some mines around the area and has a thriving fishing industry. Recent development in the area has led to new roads and a concomitant increase in trauma from Road Traffic Accidents. (RTA's).

Bugando Medical Centre is a 850 bed teaching/specialist hospital located on Bugando hill in Mwanza. Its run by the Tanzanian Episcopal Conference in partnership with the Ministry of Health. It offers tertiary care in all specialties and is the main trauma centre for almost 13 million people. A team of four trainers from the the Nelson Mandela Academic Hospital complex in Mthatha, Eastern Cape of South Africa departed for Tanzania via Nairobi on the 13th June.

The team;

Dr. David O. Oloruntoba (Orthopaedic surgeon and team leader),

Dr. Shrivastava (an Anaesthetist from Nepal),

Dr. Jayakrishnan (a general surgery resident from India) and

Dr. Howard Kingu (a plastic/general surgeon and Tanzania native)

After a night in Dar Es Salaam we arrived at Mwanza evening of 14th June. Dr. Isidor met us at the airport & took us to a lovely guest house courtesy of the "Touch" foundation.

A visit 7.30am visit to the Director of Bugando Medical Centre Dr went very well. The director thanked the PTC foundation for enhancing skills for trauma care in their region of Tanzania.

The initial 2 day workshop was opened later by the director in which he again thanked the PTC foundation and encouraged the participants to make use of they skills they were about to acquire. The Local trauma Perspective talk was given by Dr. Alphonse Chandika a general surgeon from BMC.

MWANZA 2 DAY PTC COURSE PROGRAMME

	TIME	TOPIC	INSTRUCTOR
DAY 1			
9.00	15 minutes	Introduction	Director BMC
9.15	30 minutes	Local trauma perspective and MCQ	Dr. A. Chandika
9.45	30 minutes	ABCDE of Trauma and Primary survey	Dr. Oloruntoba
10.15	45 minutes	Airway and Breathing	Dr. Shrivastava
11.00	15 minutes	BREAK	
10.15	45 minutes	Circulation and Shock	Dr. Jayakrishnan
12.00	80 minutes	Skill stations Airway Cervical spine Chest drains	All insrtuctors
13.20	40 minutes	LUNCH BREAK	
14.00	30 minutes	Secondary survey	Dr. Shrivastava
14.30	15 minutes	Demonstration Scenario	All instructors
14.45	60 minutes	Scenarios	All instructors

15.45	15 minutes	BREAK	
16.00	30 minutes	Chest injuries	Dr. Jayakrishnan
16.30	15 minutes	Overview and summary	Dr. Oloruntoba
DAY 2			
9.00	30 minutes	Head and Spinal injuries	Dr. Kingu
9.30	30 minutes	Abdominal and Limb injuries	Dr. Jayakrishnan
10.00	30 minutes	Paediatrics and Obstetrics	Dr. Kingu
10.30	15 minutes	BREAK	
10.45	30 minutes	Burns	Dr. Kingu
11.15	80 minutes	Workshops Analgesia Transportation Paediatrics Neurological assessment	All instructors
12.35	55 minutes	LUNCH BREAK	
13.30	30 minutes	Disaster management	Dr. Oloruntoba
14.00	30 minutes	Demonstration scenarios	
14.30	60 minutes	Scenarios	All instructors
15.30	15 minutes	BREAK	
15.45	15 minutes	Multiple choice paper	
16.00	15 minutes	Summary and evaluation	Dr. Oloruntoba
16.15	15 minutes	Certificates and close	Dr. Oloruntoba

Trainees for 1st 2day course;

1. Dr Alphonse Chandika
2. Dr Steve Justus
3. Dr Isidor Ngayomela
4. Dr Raymond Simon
5. Dr Phillip Challya
6. Dr Ramesh Dass
7. Dr Mwaka
8. Dr Willium Bendera
9. Dr Ismail Nickson
10. Dr Alwyn Mziray
11. Dr Amol Kulkani
12. Dr Emanuel Saguda
13. Dr Godfrey Giiti
14. Dr Sr Mayalla Virginia
15. Dr Anasia Rugeiyamu
16. Dr Brian Mawala
17. Dr Monafisha Lema
18. Dr Yunus Buyu
19. Dr Fidelis Mbunda
20. Dr Nicholas Mboya

All the lectures were well received with insightful questions from the trainees. The point was raised that a snakebite module be added as this was a common challenge in that region.

We noted a very keen interest amongst the attending doctors and we felt pretty sure that they would apply PTC principles daily.

- Average improvement in MCQ test scores was; 19.4%
- 62 to 75% of the trainees scored all aspects of the course as good or very good.
- Most of the trainees found the scenarios, demonstration scenarios and the ABCDE of trauma the best part of the course.
- Our improvisation of using tables as examination couches was not very popular and a few more touches to improve the skills stations were mooted.

One Day Instructor Course: 17th Jun

Eleven candidates were selected for the 1 day instructor's course. This was unique for us as this was our first instructors course. Three of the doctors worked in clinics and hospitals owned by local gold mines and were not available for the 2nd two day course.

The trainees;

1.

2. Dr Isidor Ngayomela	ihngayomela@gmail.com
3. Dr Alphonse Chandika	achandika2001@yahoo.com
4. Dr Steve Justus	stevejustus@gmail.com
5. Dr Geoffrey Giiti	ggiiti@yahoo.com
6. Dr Sr Mayalla	virgiemayala@yahoo.com
7. Dr Fidelis Mbunda	mbundafidelis@yahoo.com
8. Dr Amol Kulkarni	maxfacs@gmail.com
9. Dr. Alwyn Andrew-Mziray	alwyna123@gmail.com
10. Dr. William Bendela	Bwilliam@Barrick.com
11. Dr. Ismail Nickson	NIsmail@Barrick.com
12. Dr. Nicholas Mboya	nmboya@Barrick.com

1 DAY PTC INSTRUCTORS' COURSE PROGRAMME

TIME		TOPIC	INSTRUCTOR
9.00	5 minutes	Introduction	Dr Oloruntoba
9.05	15 minutes	How adults learn	Dr. Jayakrishnan
9.20	15 minutes	Asking questions	Dr. Shrivastava
9.35	25 minutes	Feedback	Dr. Shrivastava
10.00	20 minutes 20 minutes	How to give presentations General introduction Lecture	Dr. Oloruntoba Dr. Oloruntoba Dr. Kingu
10.40	15 minutes	BREAK	
10.55	20 minutes 15 minutes 15 minutes	Discussion group Teaching a skill Scenario	Dr. Kingu Dr. Jayakrishnan Dr. Jayakrishnan
11.45	60 minutes	LUNCH BREAK	
12.45	120 minutes	WORKSHOPS Lecture	All Instructors

		Discussion group Teaching a skill Scenario	
14.45	15 minutes	BREAK	
15.00	15 minutes	Language issues	Dr. Kingu
15.15	30 minutes	Instructor course evaluation (evaluation sheet, brainstorming and instructor details form)	
15.45	30 minutes	Where to go from here (Discussion group) Setting up a committee	Dr. Oloruntoba
16.15		FINISH	

The course got off to a good start & the eagerness and innovativeness of the doctors was quite stimulating. Their enthusiasm was expressed through adventurous improvisation and a willingness to use varying teaching techniques in the lecture and group discussion practices. For the workshops, trainees were split into two groups led by two instructors each;

There were eight respondents to the assessments for the instructors course;

	Very poor	Poor	Average	Good	Very good
	1	2	3	4	5
Introduction				2	6
How adults learn				2	6
Asking questions				2	6
Feedback				1	7
Presentations general introduction				1	7
How to give a lecture				2	6
How to lead a discussion group				1	7
How to teach a skill				2	6
How to teach a scenario				2	6
WORKSHOP - give a lecture					8
WORKSHOP - discussion group					8
WORKSHOP – teaching a skill				1	7

WORKSHOP - scenario				1	7
Language issues			1	1	6
What was the best part of the instructors' course? Most respondents liked the workshops best and one person liked the meals!					

The group rounded up by planning the next two days with only moderate amounts of input from the visiting faculty. Dr. Isidor Ngayomela was appointed course coordinator.

2nd 2 day Course; 18th and 19th June;

Attendees; This group consisted of a mix of doctors and nurses from casualty, theatre and the ICU.

1. Dr Penn Sama,
2. Dr Emmanuel Chacha,
3. Dr Frank Chacha,
4. Dr Fr Gingo Winfrid ,
5. Dr Restituta Tengzo,
6. Dr Awilly Chofle,
7. Dr Fatma Bakshi,
8. Dr Modesti Lwakahemula,
9. Dr Mazher Amirau,
10. Dr Joshua Masikini,
11. Dr Onesmo Mhewa,
12. Mr Peter Malembeka,
13. Mr Shukrani Alfred,
14. Ernestina Kimaro,
15. Tausi Kajwangya,
16. Paul King'ara,
17. Flora Bukindu,
18. Veronika Robert,
19. Dr Gresmus Ssebuyoya,
20. Mr. Onesmo Lema,
21. Suzan Pungu,
22. Loyce Ngoso,

The new instructors worked as a group very nicely and were able to bring the knowledge to their audience in language they understood. They improvised nice and managed time very well.

The local PTC committee was set up and consists of;

1. Dr Isidor Ngayomela
2. Dr Alphonse Chandika
3. Dr Steve Justus
4. Dr Geoffrey Giiti
5. Dr Sr Mayalla
6. Dr Fidelis Mbunda
7. Dr Amol Kulkarni

The committee has already come up with an action plan to use PTC course and skills to establish a trauma system in their area. (Attached to report.)

The three instructors who did not take part in the 2nd two day course work for 'Barrick' a local mining company. They will cut their teeth at the first local training held.

Dr. Steve Justus has plans to establish a second hub of PTC training through the mine clinics/hospitals.

Mine personnel who are sent to South Africa to 'observe' ATLS training would be given hands on PTC training and the money saved could be used to spread PTC skills.

Initial discussions with the company look promising.

He also stimulated Dr. Alwyn Andrew-Mziray, a US trained emergency care physician who is currently employed by the Abbot Foundation in Dar Es Salaam to attend the Mwanza course and become an instructor. The aim is to establish a third hub of PTC at the Muhimbili Medical Centre in Dar Es Salaam the largest academic hospital in the country with the potential to really impact trauma care in the country. To this effect we left Friday night to meet with Prof. Victor Mwafongo, Head of Anaesthesia at Muhimbili, a PTC veteran and a high school classmate of Dr. Howard Kingu. The aim was to put the youthful energy of Dr. Mziray, the connections of Dr. Justus and the wisdom plus experience of Prof. Mwafongo to establish steady PTC training in Dar Es Salaam.

Prof Mwafongo warmed to the idea and received us with great enthusiasm. He pledged to work with the Mwanza group to arrange a foundation course for Muhimbili before the end of this year.

We left Tanzania with an immense sense of anticipation for the future of PTC in that country and look forward to returning.

Acknowledgements:

We would like to acknowledge and thank the following for their support and input into the success of the course;

- The director and staff of BMC for funding, attending and for allowing this course to take place.
- The Management of Mthatha hospital complex for giving us time off to travel for the course.
- TOUCH Foundation, Mwanza for their financial support and the provision of the most comfortable accommodation i have seen in a PTC course!
- The staff of the Bugando staff club/convenience store for feeding us so well.
- Dr's Steve Justus and Isidor Ngayomela. They pushed until this course took place.
- The PTC foundation, WFSA and all other sponsors.

Dr. David O. Oloruntoba
PTC Africa.