

**COURSE REPORT**  
**GOMA, DRC**  
**14<sup>th</sup> – 15<sup>th</sup> January 2019**

**Report Presented by: Dr Ehanga Idi Marcel**



**Primary Trauma Care Foundation**

**Surgery Club in Congo**

This Primary Trauma Care course has been delivered to health professionals in Goma (DRC) by Primary Trauma Care Foundation's instructors through the facility of the Surgical Club in Congo with limited financial supported from Kyeshero Hospital and CH CEDIGO, both hospitals in Goma. The aim is to deliver maximum courses and skills to health professionals in East of DRC through the Surgery Club in Congo. The instructors who run the course were trained in the project called COSECSA Oxford Orthopaedic Link (COOL) by Dr Mike Dobson. A similar course is run in Kongo Central Province under King's Kongo Central Partnership to health professionals of Kongo Central Province in DRC.

**PTC** Primary Trauma Care  
Foundation



**SURGICAL CLUB IN CONGO**  
(S.C.C)

## 1. Summary

This visit was the very first in the East of Congo and was run through the Surgical Club in Congo with support from Kyeshero Hospital and CH CEDIGO, to introduce a foundation 2 – 1 – 2 PTC programme in Goma, North Kivu capital city with a population of about 1 million, located in the East of the Democratic Republic of Congo close to western border of Rwanda with a high number of road traffic accidents and injuries due conflicts. The course was hosted by Kyeshero Hospital in Goma.

We trained 29 local participants on this course including doctors, nurses and anesthetists. On special request of the Kyeshero Hospital's management, 10 medical interns (last year internship) made part of the participants to make the total of 29 (19 and 10). Then we are planning to run the first instructors course from last course team during the second course to be run in next April this year.

At the end, overall MCQ marks were high; we were delighted with the 51.8% improvement in marks between MCQ's on this first course. On the Pre – course test, we had 37.9% of success compared to 89.7% success on Post – course test. One participant did not complete the post course test.

Before leaving, we made plans with Surgical Club in Congo colleagues for the next courses during this running year including April, July and October for an average of 3 to 6 courses including 2 instructors' courses.

## 2. Background

The Surgical Club in Congo is a club composed of students in the faculty of Medicine in Congo and Doctors who are interested in the promotion of scientific research in Medicine generally and particularly in surgery. The idea of creating this club came from Professor Abednego KINASHA (Neurosurgeon from Tanzania); Former President of the College of Surgeons of East, Central and Southern Africa (COSECSA). This club is equivalent to national clubs of countries members of the COSECSA.

The General aim of SCC was at its creation to get together students in the Faculty of Medicine and doctors for the promotion of science and surgical practice in Congo.

As specific objectives, Surgical Club in Congo committed to:

- Endow the organization with regular means of scientific exchanges in general and particularly in surgery.
- Develop friendship spirit with other scientific organizations
- contribute to the health professionals continuous medical education for skills acquisition and improvement of the sanitary condition of Congolese people and all over the region,

- To encourage the research spirit and contribute to the good testimony by the respect of national regulations of the medical profession and in accordance with medical technological evolution.

Dr Ehanga Idi Marcel; Honorary Chair at the Surgical Club in Congo was the Director of this first course in East of Congo (DRC) and plans with facility of SCC to run other courses as support to health professionals in this part of country and implementing trauma training materials, and ultimately full PTC courses. With instructors' team in Kongo Central, plans are set for future course spread into all Congo (DRC).

This first PTC course in Goma was run by Drs. Ehanga Idi Marcel (Uganda, Cosecsa MCS trainee and Honorary Chair at Surgical Club in Congo) and Fadhili Bake Jacques (Cosecsa MCS, ECSA) both instructors from Cosecsa. The majority of participants were drawn for Kyeshero Hospital and others came from two other hospitals of Goma.

The timing of the course was on the basis of the presence of Dr. Ehanga Idi Marcel in Goma during his annual leave. We recognize the good will of Dr. Fadhili Bake Jacques who took the heavy decision of leaving his patients and offered to us his time for two precious days to train with us. Dr. Ehanga Idi Marcel from Kampala kindly made a 567 km round trip (1134km) by road to deliver this course to health professionals in Goma.

### **3. Preparation and Venue**

The Surgical Club in Congo had contact with Kyeshero Hospital and CH CEDIGO for their support to the organisation of this first course and on advice from Dr. Nyahungu Buroko Eric; Medical Director of CH CEDIGO and Dr. Bishenge Ombeni Fabrice; Medical Chief of Staff of Kyeshero Hospital, we found an ideal venue at Kyeshero Hospital, Goma.

This was an excellent location across Université Libre de Pays de Grands Lacs. We had a suitable lecture room, and adjacent area into which we could expand during the skill stations and similar sessions. We kindly obtained from a colleague in Kampala, Uganda; Dr. Mulongo Ngoy Seth and the Kyeshero Hospital some materials for use during the skills stations.

The course printed materials had been prepared under support from CH CEDIGO, Kyeshero Hospital and Surgical Club in Congo and were transported to Course venue by help from Surgical Club in Congo Office. We delivered a simple 2 days PTC course.

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

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

## **5. Course Faculty**

### **Course (January 14/15)**

Dr. Ehanga Idi Marcel, Cosesca MCS Trainee, Mulago National Referral Hospital, Kampala Uganda and Honorary Chair at Surgical Club in Congo (Course Director)

Dr Fadhili Bake Jacques, Cosesca MCS (ECSA), Heal Africa Hospital (DRC) and Member of Surgical Club in Congo (Course Administrator).

Formal teaching roles were assigned in advance; faculty meeting on the afternoon preceding the course allocated remaining jobs, including leadership of small groups, and essential non – academic roles such as timekeeping. The course certificates were signed by Drs. Fadhili Bake Jacques and Ehanga Idi Marcel.

## **6. Course participants**

The participants for the first course were a mixture of physicians including surgeons, general physicians, nurses and anaesthetists with an interest in trauma. Those selected as to be part of instructors' course participants are mostly senior physicians, but included a senior nurse. For the second course in April, a further group of doctors, nurses and anaesthetists will be selected and to be from large different hospitals in Goma after which an instructors' course will be run.

## **7. Feedback**

Verbal feedback and written feedback was positive.

The table below shows the numerical feedback given.

## **8. Acknowledgments**

We wish to thank Kyeshero Hospital (host of the course), CH CEDIGO and Surgical Club in Congo for their support to the course organisation and Dr. Fadhili Bake Jacques, who helped make local arrangements.

The key to the success of the course was the excellent preparation done in a period of almost two weeks before by Surgical Club in Congo team and Dr. Nyahungu Buroko Eric (CH CEDIGO) and Dr. Bishenge Ombeni Fabrice (Kyeshero Hospital) for the big job done in very short period of almost 78 hours, who organised participants selection, funds raising and preparation of the course venue with facilities as well as liaising with local authorities.

## **9. Plans**

We are currently planning our next 2:1:2 package course in Goma to which we intend also to invite participation from the geographically close part of Goma. For this next course, we are planning to bring with us from Kampala – Uganda other instructors to help us teaching.

After this step of Goma, further courses would be run in other cities of the North Kivu Province as well as neighbouring provinces' cities like south Kivu and Maniema.

As by the current report, the course was run just by willingness of helping with very limited financial support from Kyeshero Hospital, CH CEDIGO and Surgical Club in Congo towards whom we are so grateful for what they did for the population of Goma in sponsoring the last Life Saving Actions course.

We would be very grateful if we could get from Primary Trauma Care Foundation or its partners any support for next courses.

## 10. Annexes

## List of participants

N°	Names	Title	Place of work
1	Angelani Kitwanga Mimy	Physician	Kyeshero Hospital
2	Bishenge Ombeni Fabrice	Physician	Kyeshero Hospital
3	Cibangu Kabuya Fernand	Physician	CH CEDIGO
4	Habiyaremye Bigiruwenda Valentin	Nurse	Kyeshero Hospital
5	Kahindo Sifa	Dental Surgeon	Kyeshero Hospital
6	Kanyere Bikilimani Chantal	Physician	Kyeshero Hospital
7	Kayenga Kikahinga Ezéchiel	Anesthetist Nurse	Kyeshero Hospital
8	Kinaya Alain	Physician	CH – DOCS La Grâce
9	Kitoga Kakubindi Eric	Physician	CH CEDIGO
10	Kulimushi Cinama Rosée	Surgeon	Kyeshero Hospital
11	Matendo Julienne	Physician	Kyeshero Hospital
12	Muhambikwa Aida	Nurse	Kyeshero Hospital
13	Muhima Jessica	Nurse	Kyeshero Hospital
14	Muhindo Mathe Eusèbe	Nurse	CH – DOCS la Grâce
15	Mukankusi Bamwebose Immaculée	Nurse	Kyeshero Hospital
16	Mukemulio Kiuma Yves	Nurse	Kyeshero Hospital
17	Mungazi Riziki Francine	Physician	Kyeshero Hospital
18	Ngengele Celestin	Nurse	Kyeshero Hospital
19	Wami Sukari Samuel	Nurse	Kyeshero Hospital
<b>Medical Interns</b>			
20	Furaha Marega Katefu	Intern	Kyeshero Hospital
21	Habarugira Barihangira Théoneste	Intern	Kyeshero Hospital
22	Limbisa Petro Alfa	Intern	Kyeshero Hospital
23	Masika Vuhoti Immaculée	Intern	Kyeshero Hospital
24	Mirindi Jacques	Intern	Kyeshero Hospital
25	Mondongu Papy	Intern	Kyeshero Hospital
26	Muhigirwa Prince	Intern	Kyeshero Hospital
27	Olenga Diumu Gustave	Intern	Kyeshero Hospital
28	Polepole Bagalwa Janvier	Intern	Kyeshero Hospital
29	Walo Lundula Ireine	Intern	Kyeshero Hospital

## Feedback

Sessions	Reactions (1=Bad, 5=Excellent)				
	1	2	3	4	5
Global trauma perspective			4	8	6
Introduction to PTC		1	2	5	10
ABCDE			3	4	11
Airways and Respiration			2	6	10
Circulation and Choc			2	6	9
Post Technique		5	2	8	2
Thoracic Trauma		4	3	8	3
Abdominal & Pelvic Trauma			6	6	5
Demonstrative Scenario	1		5	8	4
Head Trauma & Cervical Spine		1	4	7	6
Paediatric Trauma & Pregnancy			2	7	8
Secondary Survey		1	3	8	6
Burns			4	8	6
Workshops	2		3	6	7
Disaster management	2		3	7	6

## Pictures

