

## COURSE REPORT

GOMA, DRC

3<sup>rd</sup> – 4<sup>th</sup> May, 2019

**Kyeshero Hospital**

Report Presented by: Dr Ehanga Idi Marcel



### Primary Trauma Care Foundation

### Surgery Club in Congo

This Primary Trauma Care course was the second and 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 Surgical Club in Congo with its partner Girl Up Congo and Kyeshero Hospital. The aim is to deliver maximum courses and skills to health professionals in East of DRC through the Surgery Club in Congo. The instructors delivering the course were trained in the project called COSECSA Oxford Orthopaedic Link (COOL) by Dr Mike Dobson.

## 1. Summary

In East of the Democratic Republic of Congo, the Primary Trauma Course is run through the Surgical Club in Congo. This visit was the second in the East of Congo after the first in January and was run as the first with financial support from Surgical Club in Congo and Kyeshero Hospital. It was a 2 day course delivered 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. And it was hosted by Kyeshero Hospital in Goma.

We trained 26 local participants on this course including doctors, nurses and anesthetists and interns added on special request from the hospital's management. We did not run but we are planning to do so during the last term (September 2019).

At the end, overall MCQ marks were high; we were delighted with the 34.6% improvement in marks between MCQ's on this first course. On the Pre – course test, we had 57.7% of success compared to 92.3% success on Post – course test. One participant had 1 over 20 on pre – course test and made 12 over 20 on post – course test.

Before leaving, we made plans with Surgical Club in Congo colleagues for the next course in September and form PTC Goma team after Instructors course.

## 2. Background

The Surgical Club in Congo is a club composed of students and Doctors for 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.

The courses are run under management of Dr Ehanga Idi Marcel; Honorary Chair at the Surgical Club in Congo and his colleagues. He was the Director of this second course in

East of Congo (DRC) and they plan 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 trauma skills. The idea is set up a longstanding course programme spread into all Congo (DRC).

The course was run by Drs. Ehanga Idi Marcel, Mulongo Ngoy Seth (both Uganda, Cosecsa MCS trainees) and Fadhili Bake Jacques (Cosecsa MCS, ECSA) both instructors from Cosecsa. The participants were invited from 6 hospitals of Goma.

The timing of the course was planned from the first course. We recognize the good will of all instructors and the management of Kyeshero Hospital to offer us this precious time of being with us. Drs. Ehanga Idi Marcel and Mulongo Ngoy Seth from Kampala kindly made heavy decision of travelling over a 567 km (1134km) by road to deliver this course to health professionals in Goma.

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

The Surgical Club in Congo in conjunction with Kyeshero Hospital prepared the course one month before under Dr. Bishenge Ombeni Fabrice; Medical Chief of Staff of Kyeshero Hospital and we found an ideal venue at Kyeshero Hospital, Goma.

This is 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 Kyeshero Hospital some materials for the course and for use during the skills stations.

The course printed materials had been prepared in Kampala under financial support from Surgical club in Congo, and were transported from Kampala to Goma; Course venue by help from Surgical Club in Congo. We delivered a 2 day 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, Cosecsa MCS Trainee, Mulago National Referral Hospital, Kampala Uganda and Honorary Chair at Surgical Club in Congo (Course Director)

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

Dr. Mulongo Ngoy Seth, Cosecsa MCS Trainee, Mulago National Referral Hospital, Kampala Uganda (Instructor)

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, Dr. Bishenge Ombeni Fabrice and Ehanga Idi Marcel.

## **6. Course participants**

The participants for this 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 third course in September, a further group of health professionals will be selected and to be from different hospitals in Goma and surrounding cities. An instructor's course will be run the first preceding the course.

## **7. Feedback**

Verbal feedback and written feedback was positive.

## **8. Acknowledgments**

We thank Kyeshero Hospital (host of the course), and Surgical Club in Congo for their support to the course organisation and Dr. Fadhili Bake Jacques and Dr. Mulongo Ngoy Seth for their involvement in the organisation of this course and local arrangements.

We thank also Girl Up DRC for its support to us for the success of this course for transportation fees from Kampala to Goma (round trip), manual printing as well as accommodation in Goma for delivery of this course.

The key to the success of the course was the excellent preparation done in a period of almost one month before by Surgical Club in Congo team and Dr. Bishenge Ombeni Fabrice (Kyeshero Hospital) for the big job done for 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 course in September 2019 and January 2020 including instructors' courses in Goma to which we intend also to invite participation from the geographically close parts of Goma. For this next course, we are planning to include practical skills. We are also planning to extend this programme to surrounding cities and provinces to Goma.

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

## 10. Annexes

## List of participants

N°	Names	Title	Place of work
1	Butunga Mwindulwa Mireille	Nurse	Kyeshero Hospital
2	Heri Lambert Marie	Physician	CH Bethesda Ndosho
3	Hamuli Mukundi Léon	Nurse	Kyeshero Hospital
4	Kahesi Y'ensima Aladin	Physician	CH – DOCS RDC
5	Kahindo Sifa	Dental Surgeon	Kyeshero Hospital
6	Kajama Riziki Claude	Nurse	CM Santé Pour Tous
7	Kajenone Boshi Prosper	Nurse	CM Santé Pour Tous
8	Katembo Vutseme Juslin	Nurse	CH CEDIGO
9	Kayenga Kikahinga Ezechiel	Anesthetic Nurse	Kyeshero Hospital
10	Kensey Sudila Sandra	Physician	Kampala Uganda
11	Kikandi Tamimo Laddis	Nurse	Kyeshero Hospital
12	Mapendano Mamboleo Innocent	Nurse	CH – DOCS la Grâce
13	Matendo Julienne	Physician	Kyeshero Hospital
14	Migisha Ntiruhongerwa Isaac	Physician	Kyeshero Hospital
15	Mufungizi Nzigire Xavérine	Nurse	CM Gapev
16	Muhindo Mathe Eusèbe	Nurse	CH – DOCS la Grâce
17	Mukandirwa Balingene Benith	Physician	Kyeshero Hospital
18	Mutongwa Syaghuswa Mireille	Physician	Kyeshero Hospital
19	Mutsindu Kamala Richard	Nurse	CH – DOCS RDC
20	Paluku Lukubwa	Nurse	CH Bethesda Ndosho
21	Wami Sukari Samuel	Nurse	Kyeshero Hospital
<b>Medical Interns</b>			
22	Eshaba Mondongu Papy	Intern	Kyeshero Hospital
23	Furaha Marega Katefu	Intern	Kyeshero Hospital
24	Habarugira Barihangira Théoneste	Intern	Kyeshero Hospital
25	Limbisa Petro Alpha	Intern	Kyeshero Hospital
26	Walo Lundula Ireine	Intern	Kyeshero Hospital

## Feedback

Sessions	Reactions (1=Bad, 5=Excellent)				
	1	2	3	4	5
Global trauma perspective		1	4	8	11
ABCDE and Primary Survey			1	4	19
Airways and Respiration			1	10	13
Circulation and Choc		1	4	8	12
Secondary Survey		1	5	6	10
Demonstrative Scenario		2	9	8	5
Participative Scenarios Day 1	1	2	8	9	4
Thoracic Trauma				13	12
Day 2					
Head Trauma		1	6	9	8
Spinal Trauma		1	6	8	8
Abdominal & Pelvic Trauma			5	8	11
Limb Trauma	1		6	5	11
Paediatric Trauma			3	9	9
Trauma in Pregnancy			3	10	11
Burns			2	11	11
Workshops			3	16	5
Disaster management	1	3	8	6	4
Participative Scenarios Day 2		4	6	7	5
QCM			2	6	6



Pictures

