



## **REST REPORT AT NGOMA DISTRICT**

### **RWANDA ESSENTIAL SURGERY TRAINING AT KIBUNGO HOSPITAL, NGOMA DISTRICT**

23<sup>rd</sup>-25<sup>th</sup> March 2015

<b>Programme Name</b>	<b>Rwanda Essential Surgery Training (REST)</b>
<b>Reporting Period</b>	<b>April 2015</b>
<b>Partner Institutions</b>	<b>RSS, RSCI &amp; COSECSA</b>
<b>Project Coordinator</b>	<b>Mercy Kamukama</b>
<b>Date</b>	<b>April 2015</b>

#### **1. Over view of the program:**

The Royal College of Surgeons on Ireland (RCSI) in partnership with the College of Surgeons of East, Central and Southern Africa (COSECSA) established the Essential Surgery Training program in basic surgery and referral techniques for general medical officers.

Held by COSECSA, the Surgical Society of Rwanda (RSS) and the Royal College of Surgeons in Ireland (RCSI), the REST program was established under the partnership agreement between COSECSA and RCSI, REST program was established to train basic surgery and referral techniques for general medical officers and non- surgeon doctors

This program is aimed at training the general medical officers (GMOs) in rural areas who are not sufficiently equipped with the surgical skills necessary to address the shortage of qualified specialist surgeons in rural areas. They require training in awareness of conditions which they are unable to undertake, advanced referral techniques and solutions that will result in patients being referred to higher level hospitals / specialist surgeons in better condition.

Six missions will be conducted per year making it 12 missions in 2015 and 2016

#### **2. Project Management:**

In line with the EST programs, the project co-coordinator Mercy Kamukama fully participates and is responsible to perform the following duties;

- Coordinate and implement EST program, including assessing needs in liaison with the Committee.
- Participate in the project budget planning and development.
- Establish project work plan and calendar or schedules.
- Assist in making sure that monitoring and evaluating process is adhered to.



- Act as a resource person by providing documentation, information needed for the project and prepare reports.
- Manage and file records for the project
- Source information required to embark on the projects i.e. venue, participants, catering, practical consumables etc.
- Prepare publicity and promotional materials for project
- Provide administrative support to COSECSA secretariat

### 3. **Aims and Objectives:**

#### **The Rwanda Essential Surgery Training (REST) program is aimed;**

- At training and transferring essential surgery skills to non medical doctors at district hospital level and to support the surgical services in rural hospitals.
- To support the development of surgical services in the new referral hospitals
- To teach essential surgeries to non-surgeon doctors in the districts.

#### **Key Objective for Rest program;**

- To train non-surgical medical officers from the district hospitals in the surgical management of essential surgery and anesthesia services in the rural hospitals.
- To support the development of the referral hospitals in the region

#### **Key targets for the REST program:**

#### **Key objectives for the year 2015 include;**

- To increase the number of non-surgical doctors with the knowledge in Essential surgery management
  - Equip knowledge on surgery to the medical officers who are not practiced surgeons
  - Management of surgical emergencies
- There were changes in the original work plan to the program because the Ministry of Health insisted on increasing the number of missions to 12 per year and to begin with the newly established referral hospitals, this changed the original work plan and hence starting in February instead of January 2015



#### 4. **Projects Output:**

Trainers and Trainees arrived on Monday morning of 23<sup>rd</sup> March at Kibungo Hospital.

Dr Majyambere Jean Paul welcomed everyone and then he explained the goals of the REST program to the trainees

After the introduction of REST, the training kicked off and four modules on **Primary Survey, Secondary Survey, and Trauma in Children** were covered. The modules were accessible on this link: <http://cosecsa.articulate-online.com/5508164098>, the WHO e-learning tool on Emergency and Essential Surgical Care Programme. Added **Hernias module review** was covered. The teaching sessions were very interactive and they comprised tests.

The Anesthetist Technicians and the Theatre nurses and support staff were welcoming and extremely very helpful.

The last day was spent in the operating theatre. Dr Mayjambere had booked surgical patients.

The second day we could not operate because of the rain which could not permit the drapes, gowns to be dried. The numbers of theatre clothes were very limited on the second day and decided to book the few we had and prepare others so that all participants may enter and learn skills together.

RN BATANGANA was in charge to follow the availability of all surgical materials for theatre.

Always one Trainer would scrub with two trainees and others follow steps of ongoing operation by observing

Besides a few challenges, the Essential Surgery Training in was successfully planned and implemented at Kibungo Referral Hospital from 23<sup>rd</sup> to 25<sup>th</sup> March 2015, up to 9 trainees attended the training for 3 days

#### 5. **Project Outcomes:**

In March, one training was conducted successfully and was delivered at Kibungo referral Hospital, new referral hospital in the Eastern Province of Rwanda. A total number of 9 trainees were trained under the program of 2015 and 5 cases were operated during the training. This training will help the GPs trained to manage surgical patients in their respective district hospitals they work from.

#### 6. **Lessons learned: lessons learned by the trainees were;**

- Pre operative nursing skills and some guidelines to use in theatre (Theatre nurses include manager)
- Always one Trainer would scrub with two trainees and others follow steps of ongoing operation by observing



- The technique used in sterilizing from the beginning to the end of operation.

**7. Challenges and constraints:**

- As planned on the second day we could not operate because of the rain which could not permit the drapes, gowns to be dried. The number of theatre clothes were very limited
- There was only one working Operating room
- Transport delay on 23<sup>rd</sup> march 2015 which delayed the kick off for the training
- Slow internet on site
- Shortage of disposable scrubs for all trainees onsite

**8. Budget:**

See the annexed budget for 23<sup>rd</sup>-25<sup>th</sup> March 2015 training at Kibungo Referral Hospital in Ngoma District

**9. Next steps/steps forward:**

All in all, the Trainees were very happy with their experience and were excellent in attendance and participation.

Trainees have expressed the wish to extend the duration of the training up in order to allow more hands-on skills.

The participants were awarded certificates and 13 CPD credits.

**Written summary of the REPORT**

Target 1.	Develop training programme agenda in Location in Kibungo	Complete
Target 2	Recruit Trainees/Trainers to attend Training in Kibungo	Delayed
Target 3	Organise Accommodation, Venue and Catering for Training in Kibungo	Complete
Target 4	Implement three day training in Location in Kibungo	Delayed
Target 5	Compile feedback from participants of training for Kibungo EST Training	Delayed
Target 6	Issue payment for Per Diem to Payment to Trainers in Kibungo	Complete
Target 7	Prepare training report and accounts for Location 1	Complete



**Cases operated/Surgery Performed at Kibungo Referral Hospital EST NGOMA DISTRICT)**

No	Names	Age(y)	Sex	Diagnosis	Intervention
1	KJD	51	M	RIH	Herniorrhaphy
2	NC	31	M	Right testis necrosis	Right orchiectomy+ biopsy
3	KJ	77	M	Right inguinal hernia	Herniorrhaphy
4	GD	67	M	Left inguinal hernia	Herniorrhaphy
5	MF	65	M	Left inguinal hernia	Herniorrhaphy



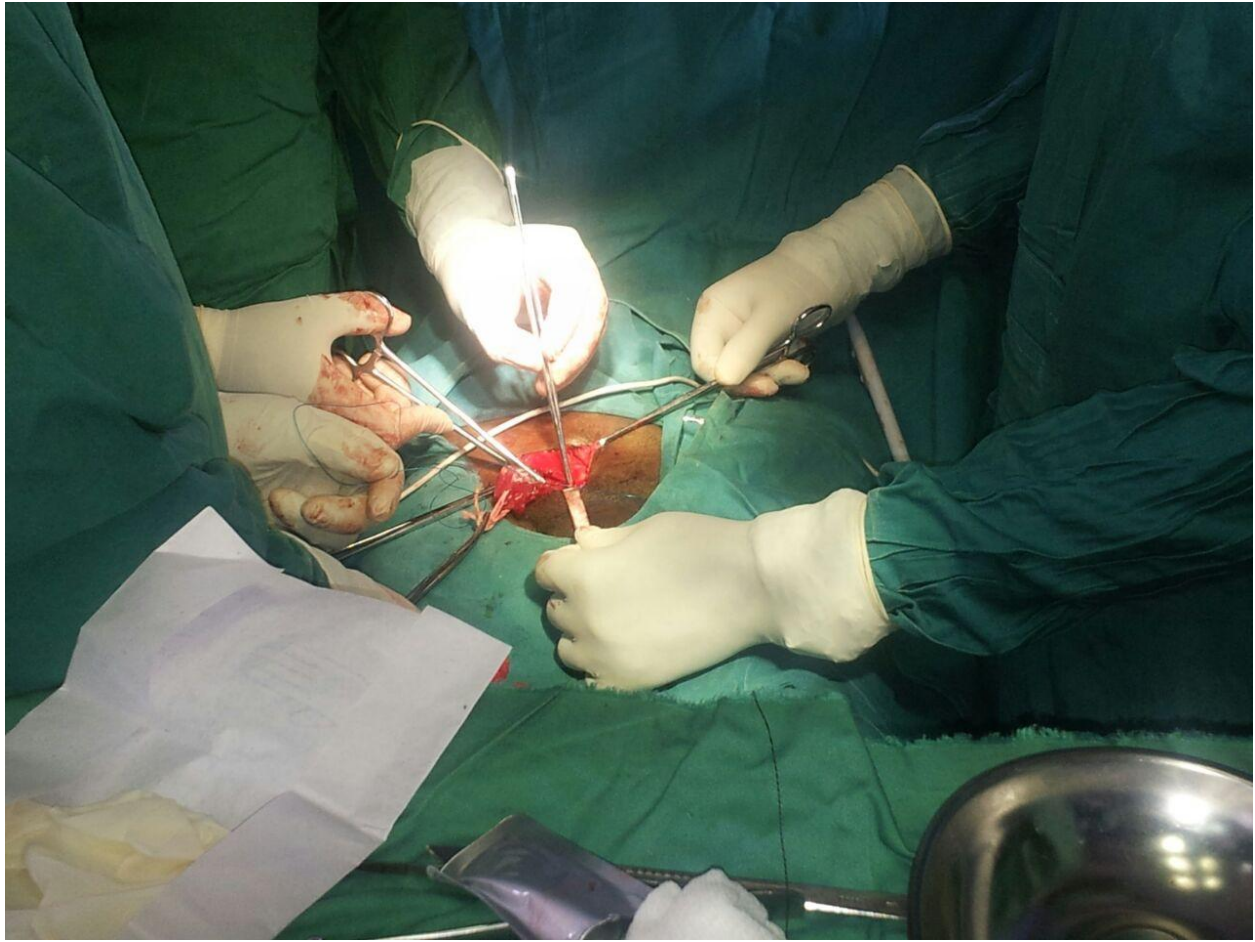


A hernias operation at Kibungo Hospital



A trainee carrying out an operation at Kibungo Referral Hospital, looking on is the Trainer Dr Christian Ngarambe





One of the operations during the Essential Surgery Training at Kibungo Referral Hospital



### **Names of the Participants/Trainees**

<b>No</b>	<b>Names</b>	<b>Address</b>	<b>contacts</b>	<b>email address</b>
1	Dr NINGANZA Thaddée	Kirehe DH	0785349994	<a href="mailto:thaddeeningza@yahoo.fr">thaddeeningza@yahoo.fr</a>
2	Dr SINGOYE Dieu donné	Rwinkwavu DH	0789817086	<a href="mailto:dsingoye@yahoo.fr">dsingoye@yahoo.fr</a>
3	Dr MANIRAKIZA Jean Desire	Nyagatare DH	0781631620	<a href="mailto:majedesire@yahoo.fr">majedesire@yahoo.fr</a>
4	Dr NGAMIJE Katera Patient	Ngarama DH	0788481736	<a href="mailto:ngamika@gmail.com">ngamika@gmail.com</a>
5	Dr RUHARA Christophe	Ngarama DH	0787146705	<a href="mailto:Ruhara81@yahoo.fr">Ruhara81@yahoo.fr</a>
6	Dr UYIRINGIYE Aimable	Kibungo DH	0788411363	<a href="mailto:uyable@gmail.com">uyable@gmail.com</a>
7	Dr NIYONKURU Reine	Nyamata DH	0789487630	<a href="mailto:niyonkurreine1@gmail.com">niyonkurreine1@gmail.com</a>
8	Dr NDAGIJIMANA J Chrysostome	Rwamagana DH	0788612860	<a href="mailto:n.chryso@yahoo.fr">n.chryso@yahoo.fr</a>
9	Dr BYAKAGABO Samuel	Nyagatare DH	0788754081	<a href="mailto:samsamdoc@gmail.com">samsamdoc@gmail.com</a>



Participants attending the training at Kibungo Referral Hospital



A group photo of the trainees/participants and the trainers during the Essential Surgery Training at Kibungo Referral Hospital



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## **Trainers:**

1. DrBikoroti Joel-CHUK
2. DrMajyambere Jean Paul- Kibungo Hospital
3. DrNgarambe Christian-CHUK
4. Dr Ngaruye Sylvestre- Kibungo Hospital
5. RN. Batangana Mediatrice-CHUK

### **RCSI representative**

RCSI & COSECSA represented by **Avril HUTCH.**

Report by Kamukama Mercy (REST Program coordinator/Admin Assistant RSS)