



RONALD LETT, MD MSc FRCS FCS (ECSA) Founder and current CEO of the Canadian Network for International Surgery (CNIS and adjunct Professor of Surgery at UBC and McGill.). In partnership with academic surgical departments ten skills labs have been established in

Africa. He has co-developed 12 structured surgical skills curricula and continually *improves* curriculum and teaching models that are adapted to resource-limited settings. Through these programs tens of thousands of learners have been trained in surgical skills.



OTHMAN KILOMA MD Mmed (Gensurg), Msc Neurosurgery, Executive Director Muhimbili Orthopaedic &

Neurosurgical Institute), Neurosurgeon, Senior Lecturer Muhimbili University of Health & Allied Sciences (MUHAS). He was Director of Essential Surgical Skills at MUHAS (2004 -2017), Co-author of Traumatic Brain and Cervical spine curriculum, course, He is humbled and passionate experienced Teacher with widened exposure. He has various publications in peer review journal and balances his life between teaching, Clinical, administrative, research and family.



MAHMOOD QURESHI, MBChB M.Med(Surgery), FCSECSA, FRCSEd (SN) Neurosurgeon and Head of Neurosurgery at the Aga Khan University Hospital Nairobi He jointly developed the curriculum

for the Regional Neurosurgical Training Program of East, Central and Southern Africa, with the Foundation of International Education in Neurosurgery (FIENS). His presentation to the Board of COSECSA in 2005, lead to a Council approved Fellowship program. He is Board Member & Vice President, Neurosurgical Education Development (NED Foundation, was the 2nd Vice President East African region, (2014 – 2016) and is now the President –**Elect** of the Continental Association of African Neurosurgical Societies (**CAANS**)



Contact Us

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Pre- COSECSA TBSI™ Courses

Traumatic Brain and Spine Injury Course

I. INSTRUCTOR’S COURSE

a. for Neurosurgeons

Instructors: Dr. R. Lett, Dr. Othman Kiloma

Monday December 5th 2016

8:30 AM - 4:30 PM

This workshop is a pre-requisite for surgeons to become a certified instructor for TBSI.

II. PROVIDERS ’S COURSE

a. for General Surgeon

Instructors

Dr. Moody Quereshi

Dr. David Oluoch-Olunya

Dr .Edwin Mogere

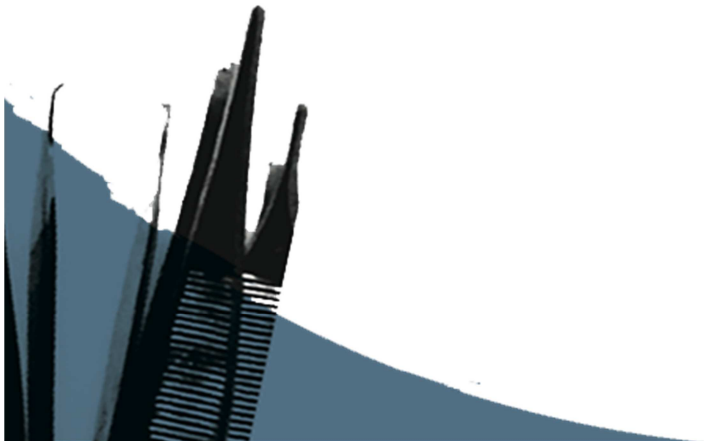
Tuesday December 6th 2016

8:30 AM - 4:30 PM

This workshop is general surgeons and senior residents who need to do craniotomy.

VENUE

PrideInn Paradise Hotel, Sha



TRAUMATIC BRAIN AND SPINE INJURY COURSES

PURPOSE: The purpose of the TBSI course is to teach participants the management and technical surgical skills needed to manage traumatic brain and cervical spine including craniotomy and skeletal. TBSI is consistent with the evidence base of the Brain Trauma Foundation Guidelines. The objective of the instructor's course is to augment neurosurgeon's pedagogic skills to participate in the TBSI provider courses in Africa. The TBSI provider's course is described below.

BACKGROUND: One of the principle reasons for injury mortality and morbidity in sub-Saharan Africa is the lack of skilled management of Trauma Brain Injury and Access to craniotomy. General Surgeons in Africa outside of the major centers are frequently called upon to provide craniotomy. The provider's course brings the concept of structured operative learning to neurosurgery. The goal is to accelerate surgical proficiency. The TBSI course has been successfully implemented in Uganda, Rwanda, Ethiopia and Tanzania.

METHODS: The TBSI course is designed to be participant-centred, problem-based and clinically relevant. It has been modified to meet the needs of the African partners. Currently, it consists of 3 main components: lectures, case studies both a dry and a wet lab practicum. The interactive lectures include reviews of basic topics and details about decision making with and without CT scan. In the laboratory sessions, learners practice basic neurosurgical skills on mankind and poly-resin skulls. In the wet lab using female sheep heads craniotomy, elevation of depressed skull fractures and dural repair are practiced.

OBJECTIVE: The provider's course is designed to assure skills in general surgeons who provide craniotomy services in smaller centers in Africa . .

TARGET: Neurosurgeons are encouraged to take the instructors course. Junior residents in neurosurgery, senior residents in general surgery and general surgeons in practice all are encourage to attend to review their knowledge and upgrade their skills.

COURSE SCHEDULE

8:00 AM – 5:00 PM

8:00 Registration and Breakfast

8:30 Pre-test

8:45 Course Introduction

9:00 Lecture I: Initial Assessment of the Trauma Patient

9:15 Lecture II: Traumatic Brain Injury

9:30 Case Studies 1.1 & 1.2

9:45 *Tea Break*

10:00 Lecture III: Skull Fractures

10:30 Case Study 2

10:45 **HEALTH BREAK**

11:15 Practicum 3:
Caesarean Session Skills

11:30 Practicum 4:
Conducting the Clinical Teaching
Question and Answer Session

11:45 Evaluation, Certification and
Photo Session

12:00 Closure

13:00 Session 1. Dry Lab: (30 minutes per station)

Station One: Review of skull and cervical
radiographs and CT Scans

Station Two a). Hard Collar Application and Patient
Transfer

b). Placement of skull tongs and application of
skeletal traction

1430: Session 2: Wet Lab: Biological Model 2 hour
Concurrent Session

a). Burr holes and craniotomy flap

b). Depressed skull fracture, brain laceration & dural
repair

16:30 Post-test, Evaluation

17:00 Closure

REGISTRATION

Online registration: www.cnis.ca

OR

Email: office@cnis.ca

COURSE FEE*

COSECSA Participants: \$0

Practicing Specialists

Regular: \$400

Teaching Fellows/ Residents

Regular: \$325

* Manuals, refreshments and continental
Breakfast, lunch are included in the course fee.

LOCATION

Pridelnn Paradise Hotel, Shanzu.

Room for the TBSI Workshop: **Witu Hall**

Malindi Road| Shanzu Beach |
Mombasa, Kenya

Tel: (+254) (20) 8000 415-6

