

African Spinal Microsurgery Program

NED Foundation Project

LUMBAR COURSE

26-29 October, 2021



A PRACTICAL COURSE
WITH THE ONE FATHER'S
OF SPINAL MICROSURGERY
PH YOUNG

NED Mnazi Mmoja Institute,
Zanzibar (Tanzania)

Faculty

P.H. Young, M.D.

Neurosurgeon

Honorary President of NED Foundation
Dept. of Neurosurgery St.Louis University
Motion Ortho Spine.
Microsurgery & Brain Research Institute
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J. Piquer, MD, Ph D

Neurosurgeon

President of NED Foundation
COSECSA Neurosurgical Coordinator at
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Motion Ortho Spine.
St. Louis, Missouri. USA

Victoria R.Carr BSRN.

Motion Ortho Spine.
St. Louis, Missouri. USA

M. Qureshi

Neurosurgeon

Honorary Vice-President of NED
Foundation.
President of CAANS

Auspices

Organization

Dr Said Idrissa

Chair of Neurosurgical Unit.
Mnazi Mmoja Hospital.

J. Piquer, MD, Ph D

Neurosurgeon

President of NED Foundation
COSECSA Neurosurgical Coordinator at
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Hadia Nahoda

Nurse Coordinator at NED Mnazi Mmoja
Institute

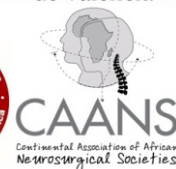
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Universidad
Internacional
de Valencia



WORKSHOP DESIGN

This workshop has been designed to provide the COSECSA training neurosurgeons with the opportunity to enhance his/her own skills in a variety of common approaches to the spine under the watchful eyes of one of the founding fathers of spinal microsurgery: PH Young. By attending this course all participants will improve their ability to care for patients with multiple degenerative spine conditions through use of the "RealSpine" Surgical Simulator that provides High-Fidelity Procedure Training.

Pre-course 1 DAY

Tuesday October 26

THE TEACHING OF SPINAL MICROSURGERY

A-Introduction to the Microscope

Microscope components

Why, When and How to use the microscope?

Hands-on

Laboratory with plastic models

Practical principles of microscope.

Microsurgical Practice.



B- Introduction to the High-Speed Drill Motor System

Drill system and nomenclature

Surgical applications for spinal procedures

Surgical applications for cranial procedures

Hands-on

Laboratory with bone models

Practical principles of microscope

Practice of microsurgery



C- Lumbar Spinal Microsurgery: Patient Selction Diagnosis, PreOp evluation, IntraOP Management, PostOp Care.

D-Surgical Anatomy of Lumbar Spine.

Spinal Lumbar Microsurgery Practice. McCulloch & Young Concepts.

-Anatomical Basis for Lumbar Spine Microsurgery.

Hands-on

Laboratory with RealSpine models

2 DAY

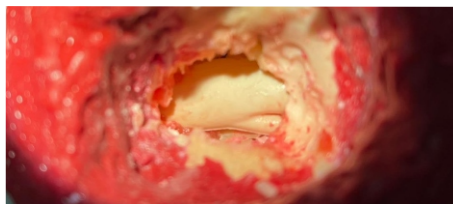
Wednesday October 27

WINDOWS APPROACH TO LUMBAR SPINE STENOSIS

A- The interlaminar window.

-Microdisectomy.

Hands-on
Laboratory with RealSpine models



B- The resculpturing or laminoplasty decompression technique

-Types of lumbar stenosis.

-Central Bilateral Stenosis decompression from one side.

Hands-on
Laboratory with RealSpine models

C- The trasverse window.

-Approaches to extra and foraminal area.

-Laterak type stenosis and decompression: Subarticular, up-down, front-back, pin hole

Hands-on
Laboratory with RealSpine models

3 DAY

Thursday October 28

LUMBAR FUSION

A- Spinal Instability ans Spinal Fusion Surgery in Degenerative Spine

-Concept and Indications.

-Surgical Technique.

B- Transpedicular Screw Fixation

-Free Hand and X-Ray Fixation Techniques

Hands-on
Laboratory with RealSpine models

C- Posterior Lumbar Interbody (PLIF) and Transforaminal Interbody Fusion (TLIF)

Hands-on
with plastic models

Hands-on
Laboratory with RealSpine models

GLOBAL NEUROSURGERY DINNER

Round Table

PH Young, M.Qureshi, J.Piquer

4 DAY

Friday October 29

LIVE SURGERIES AT MNAZI MMOJA HOSPITAL

A full day live spinal microsurgery and fusion in two operating theatres

General Information

Workshop location:

This workshop will be conducted at the
NED Mnazi Mmoja Institute (Zanzibar, Tanzania)

Workshop Tuition Fee and Registration:

Tuition fee: 50 dollars

Tuition fee Includes:

Session in laboratory with bone and plastic models.
Course materials and syllabus.
Lunch and refreshment breaks.
Special event dinner.

Credits:

This Course will be Global credit by
chair of Neurosciences NED-VIU
Valencia International University
by five credits (30 hours)

Registration Form

Mail this Registration to: administracion@nedfundacion.org

Method of Payment; Check Enclosed

Bank Transfer. Bank Account:

IBAN (electronic format) ES4821005578020200133288

IBAN (paper format): IBAN ES48 2100 5578 0202 0013 3288

SWIFT/BIC: CAIXESBBXXXA

NAME: _____
MAILING ADDRESS: _____
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FAX: _____
E-MAIL: _____