

African Spinal Microsurgery Program

NED Foundation Project

LUMBAR COURSE

26-29 October, 2021



A PRACTICAL COURSE
WITH ONE OF THE FATHERS
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

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Motion Ortho Spine.
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M. Qureshi

Neurosurgeon

Honorary Vice-President of NED
Foundation.
President of CAANS

Auspices

Organization

Dr Said Idrissa

Chair of Neurosurgical Unit.
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J. Piquer, MD, Ph D

Neurosurgeon

President of NED Foundation
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Hadia Nahoda

Nurse Coordinator at NED Mnazi Mmoja
Institute

Official Language: ENGLISH



NED



Continental Association of African
Neurosurgical Societies



Cátedra de
Neurociencia global
y cambio social



WORKSHOP DESIGN

This workshop has been designed to provide the COSECSA training neurosurgeon 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

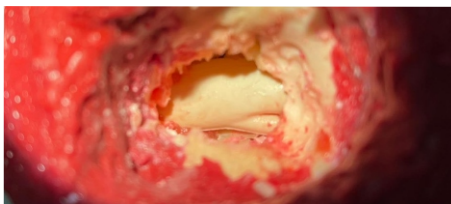
Wednesday October 27

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.

-Lateral 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 and 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: _____
CITY/STATE: _____
COUNTRY: _____
COUNTRY CODE: _____
PHONE: _____
FAX: _____
E-MAIL: _____