

NED-MNAZI MMOJA NED INSTITUE
BRAIN & SPINE CENTER
KITENDO CHA UPASUAJI WA MGONGO NA VICHWA

**3DN NED Foundation Neuroanatomy Training
Program**

Global Neurosurgery Project



NED



Program Objectives

To provide neurosurgical trainees a teaching program center with Stereoscopic 3D technology that permits obtaining confidence to perform standard operative approaches and practical experience in developing technical skills in cadavers. It is directed specifically to all residents and young neurosurgeons of low and medium income economy countries.

Objectives

- The application of knowledge gained of the neuroanatomy and surgery
- Discussion of surgical decisions making process in the management of neurosurgical patients
- Description and demonstration of the step-wise approach in performing different types of approaches

Design

The intensive program is designed to provide wide opportunities for:

- didactic lectures and cases discussions
- unique 3-D video demonstrations of anatomy and operative approaches
- surgical videos





NED



Program Topics: I Cycle

Course I.- May 2018

Intrinsic brain lesions. Cerebral substance, cerebellum & brainstem.
Anatomy & surgical approaches

Course II & WFNS Neuroendoscopic Course.- September 2018

The cerebral ventricles. Neuroendoscopic anatomy & surgery in and around the ventricular system.

Course III. 2019

The posterior fossa. Anatomy & surgical approaches.

Course IV.2019

The orbit, anterior fossa, sellar & parasellar regions. Anatomy & surgical approaches.

Course V. 2020

The middle, infratemporal fossa & cavernous sinus. Anatomy & surgical approaches.

Course VI.2020

The spine from the neurosurgeon's view. Anatomy & surgical approaches

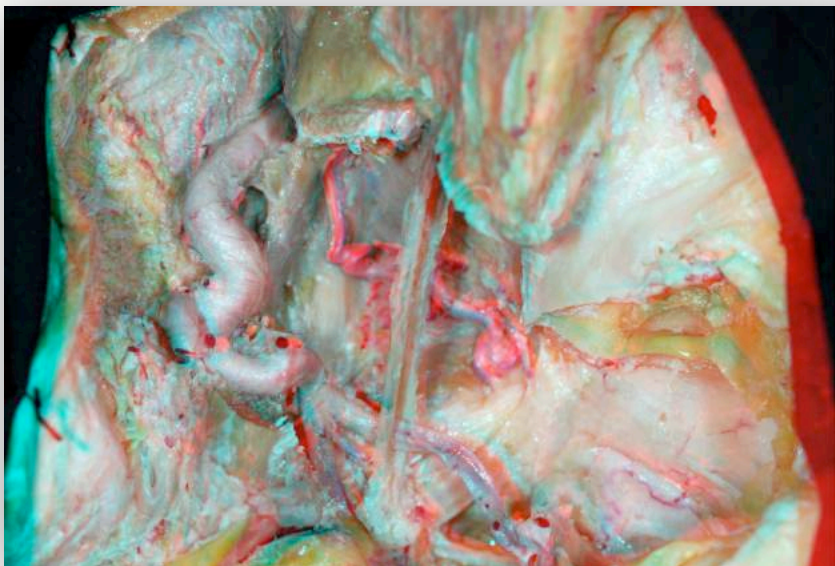




NED



Brainstem Intrinsic Lesions and Posterior Fossa Approaches

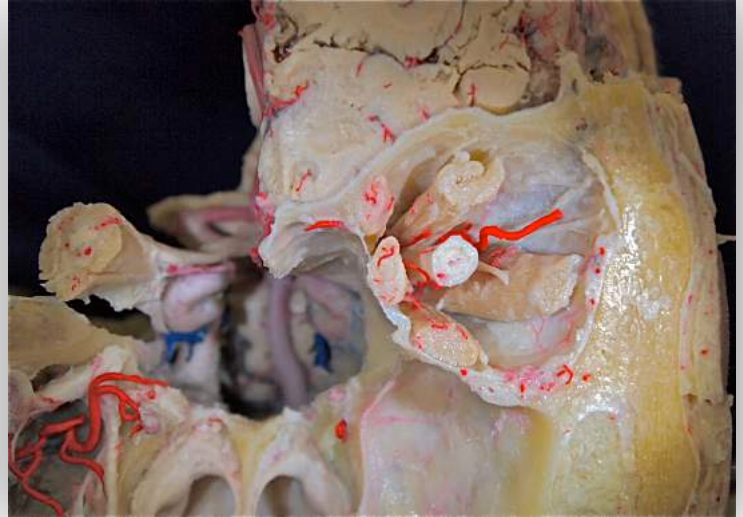


Middle Fossa and Petrous Bone Anatomy; Surgical Approaches

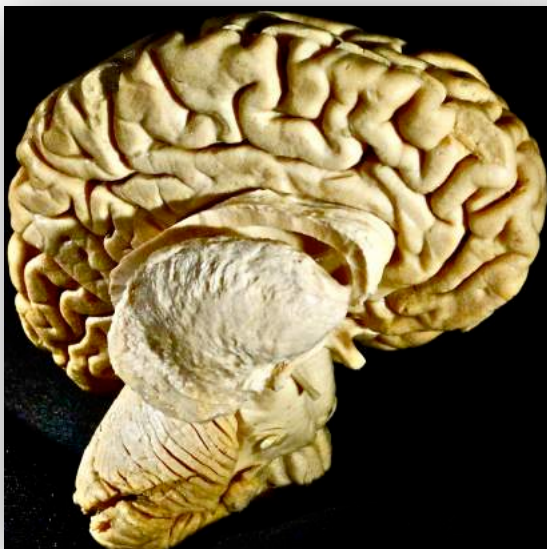




NED



Anterior Fossa and Orbital Region Approaches



Cerebral Intrinsic Tumors; Sellar and Parasellar Regions



NED



**'INTRINSIC BRAIN LESIONS: THE CEREBRAL SUBSTANCE, ,
BRAINSTEM & CEREBELLUM.
ANATOMY & SURGICAL APPROACHES'**

**I CYCLE, 1st COURSE
(May 10th-12th 2018)**

Thursday. May 10th, 2018

Welcome.

Phylogenetic evolution of the CNS. A surgical perspective.

3D Lecture

Sulco-gyral architecture and the craniometric points of the skull. The cerebral lobes.

3D Lecture

The importance of surgical planning. Osirix & brain surface reconstruction. 3D cortical neuronavigation.

2D interactive lecture

The Sylvian fissure and the cerebral operculum.

3D Lecture

Coffee break.

The insular lobe. Anatomy and surgery

3D Lecture

Cases discussion with participants





NED



Friday. May 11th, 2018

The white matter of the human brain. Surgical perspective.

3D Lecture

The interhemispheric fissure and related areas. Surgical approaches.

3D Lecture

Limbic system. Anatomy and related surgical approaches.

3D Lecture

Coffee break.

The posterior fossa anatomy. Extrinsic & intrinsic structures: cerebellum & brainstem

3D Lecture

Cerebellum, pineal gland & fourth ventricle. Medial & paramedial suboccipital routes.

3D Lecture

Cases discussion with participants

Saturday. May 12th, 2018

Cerebellopontine angle & foramen magnum. Retrosigmoid approach.

3D Lecture

Final remarks and closure



TUITION FEE INCLUDES:

Course materials and syllabus.
Lunch and refreshment breaks.

REGISTRATION FORM

SURNAME.....
.....
NAME.....
.....
ADDRESSPOSTCODE.....
COUNTRY.....
PHONE
NUMBER.....EMAIL.....

Send registration form to: Esperanza Belenguer
administration@nedfundacion.org or to Dr Andreas Leidinger;
Andreas_Leidinger@hotmail.com

WORKSHOP TUITION FEE

Tuition fee: 50 dollars
You can pay during course
The maximum number of participants is 20.

You can make a **donation online** through our web [secure payment](#) area:
www.nedfundacion.org

Or, making a **bank transfer** to our account:

Currency: 50 dolars
IBAN (electronic format): ES4821005578020200133288
IBAN (paper format): IBAN ES48 2100 5578 0202 0013 3288
SWIFT / BIC: CAIXESBBXXXA





NED



WORKSHOP LOCATION:

This workshop will be
conducted at the
NED-MNAZI MMOJA INSTITUE. MNAZI
MMOJA HOSPITAL ZANZIBAR
(TANZANIA)





NED



NED FOUNDATION 3D Neuroanatomy Training Program

Approved by COSECSA (The College of Surgeons of East, Central and Southern Africa) for neurosurgical training, the NED Mnazi Mmoja Institute presents a first Course, which aims to reach of the neurosurgical neuroanatomy and update practical and theoretical knowledge of intrinsic brain lesions

ORGANIZATION & FACULTY

Dr Pablo Gonzalez

Director of NED 3D Neuroanatomical Program at NED Mnazi Mmoja Institute

Dr Pedro Riesgo

Board of NED Foundation. Neurosurgeon

Dr Said Idrissa

Chair of Neurosurgical Unit. Mnazi Mmoja Hospital

Dr Mohammed Haji

Medical Coordinator of NED Mnazi Mmoja Institute

Dr Andreas Ledinger

Global Neurosurgical Research Fellow

Weill Cornell Brain and Spine Center & NED Foundation

Dr Moody Qureshi FCS-ECSA, FRCSEd(Neurosurgery)

Chairman of the Neurological Society of Kenya

President-Elect, CAANS

Dr Jose Piquer

Director of Residency COSECSA Program at NED Mnazi Mmoja Institute

Oversea Fellow COSECSA. President of NED Foundation



NED FOUNDATION 3DNeuroanatomy Training Program



NED

