

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

3DN NED Foundation Neuroanatomy Training
Project under the auspices Neurosurgery COSECSA Program



NED



COSECSA
College of Surgeons of
East, Central and Southern Africa



CEU
Universidad
Cardenal Cisneros
fundación
vithas nisa





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Program Topics: I Cycle

Course I. May 2018

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

Course II & WFNS Neuroendoscopy Course. September 2018

3D Ventricular System & Skull Base Endoscopic Anatomy. Applications
for Endoscopic Surgery.

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



II Course. I Cycle

3D Ventricular System & Skull Base Endoscopic Anatomy

Applications for Endoscopic Surgery

27th – 29th September 2018

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 anatomy and surgery ventricular system
- Discussion of surgical decisions making process in the management of intraventricular tumors
- Description and demonstration of the step-wise approach in performing different types of approaches

Design

Intensive hands-on workshop is designed to provide wide opportunities for:

- Didactic lectures and cases discussions
- Live surgeries
- Unique 3D video demonstrations of anatomy and operative approaches
- Surgical videos & cases discussion
- Hands-on with '*3D-NED NEUROENDO BOX*' for endoscopic Surgical training. Endotainers, with 5 endoscopes and 8-10 exercises inside the box. Each participant would have the chance to perform the whole activities the three days of the course and we will evaluate how he/she is improving skills



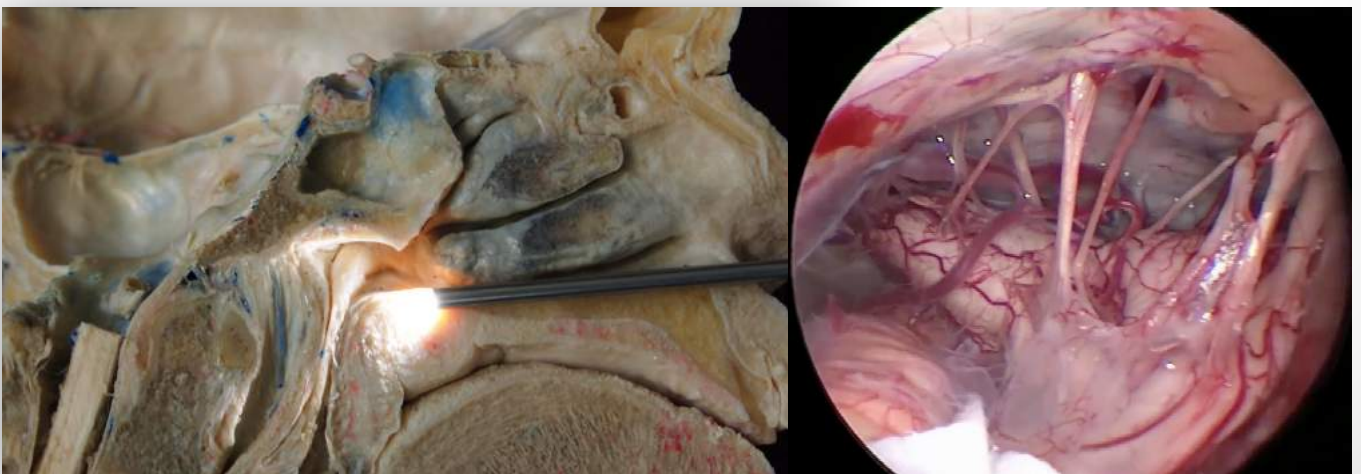
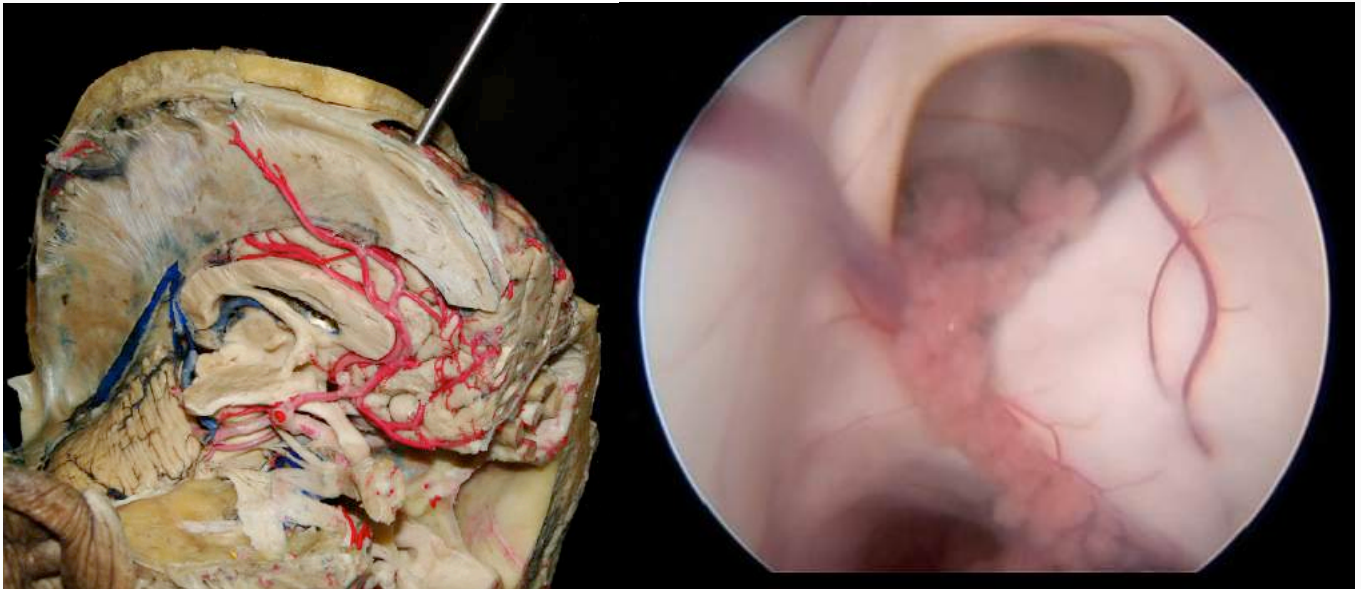


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3D Ventricular System & Skull Base Endoscopic Anatomy

Applications for Endoscopic Surgery
27th – 29th September 2018





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Thursday. September 27th, 2018

Registration & Continental Breakfast. Welcome.

Sulco-gyral anatomy of the periventricular brain areas: frontal, occipital & parietal lobes.

Pablo González-López

3D Lecture

Sulco-gyral anatomy of the periventricular brain areas: temporal & insular lobes.

José Piquer

3D Lecture

Ventricular System Anatomy: Craniometric points, Endoscopic Approaches and Correlating White Matter Fiber Tractography.

Pablo González-López

3D lecture

Endoscopic Ventricular Anatomy.

Moody Qureshi

Coffee break.

Third Ventricle Surgical Anatomy: neural, arterial and venous relationships.

Pablo González-López

3D Lecture

IV Ventricle Surgical Anatomy and posterior fossa cisterns.

Iván Verdú

3D Lecture

Basics of Neuro-Endoscopy: Equipment, Surgical Planning and New Technology.

Javier Orduna

Lunch.

- Live Surgeries
- Seminars & Hands On
- 3D Surgical Videos and Case Presentations
- '3D-NED NEUROENDO BOX' for endoscopic Surgical training.
Hands-on





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Friday. September 28th, 2018

Anesthetic considerations in Neuroendoscopic procedures.

Inmaculada Palomar

Endoscopic Third Ventriculostomy (ETV): Technique, Indications and Outcomes.

José Piquer

3D Lecture

Ventricular Anatomy Variations as Determinant of ETV success.

Moody Qureshi

Endoscopic Management of Complex Hydrocephalus.

Hamisi Shabani

Coffee break.

Neuroendoscopy in Post Tuberculous Hydrocephalus.

Moody Qureshi

Endoscopic Choroid Plexus Coagulation (CPC): Technique & Outcomes.

Hamisi Shabani

Endoscopic Management of Intra-Ventricular Tumors.

Francisco Luna

Endoscopic Management of Arachnoid Cysts.

Iván Verdú

Lunch.

- Live Surgeries
- Seminars & Hands On
- 3D Surgical Videos and Case Presentations
- '3D-NED NEUROENDO BOX' for endoscopic Surgical training. Hands-on





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Saturday. September 29th, 2018

Skull Base Anatomy and surgical approaches. Microscopic and endoscopic views.

Pablo González-López

3D Lecture

Endoscopic Anatomy of the sphenoid sinus and pituitary fossa.

Iván Verdú

3D Lecture

Endoscopic Approaches to Pituitary Tumors.

Aneela Darbar

Coffee break.

Endoscopic vs. Microscopic Approaches to Craniopharyngiomas.

Aneela Darbar

Posterior Fossa Endoscopic Assisted Microneurosurgery.

Pablo González-López

3D Lecture

Lunch.

- Live Surgeries
- Seminars & Hands On
- 3D Surgical Videos and Case Presentations
- '3D-NED NEUROENDO BOX' for endoscopic Surgical training. Hands-on

WORKSHOP CLOSURE AND ADJOURN



TUITION FEE INCLUDES:

- Leading edge auditorium facilities
- Multiple sessions in state-of-the-art laboratory
- Course materials
- Access to the Neuroendo Box Training Systems
- Breakfast, lunch and refreshment breaks
- A special event dinner

REGISTRATION FORM

SURNAME, NAME

ADDRESSPOSTCODE

COUNTRY.....

PHONE EMAIL

Send registration form to: Esperanza Belenguer administration@nedfundacion.org or to Dr. José Piquer jose.piquer@telefonica.net

WORKSHOP REGISTRATION FEE

Tuition fee: 50 dollars. You can pay during course. The maximum number of participants is 20. Previous inscriptions is requisite. You can make a donation online through our web secure payment area:

www.nedfundacion.org

You can make a **bank transfer** to our account:

Currency: 50 dollars

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

SWIFT / BIC: CAIXESBBXXXA

Recommended hotels: *(Must be booked by the participants make sure you have booked yourself at the hotel correct)*

- **Flamingo Guest House** - Mkunazini Street, Zanzibar Town: 20USD/night single room; 40USD/night double room, bed and breakfast (<http://flamingoguesthousezanzibar.com/>)
- **Zanzibar Hotel** - Stonetown, Zanzibar: 60USD/night single room; 65USD/night double room, bed and breakfast (www.zanzibarhotel.co.tz)
- **Zanzibar Ocean View** - Nyerere Road, Zanzibar: 60 USD/night single room; 80 USD night/double room, bed and breakfast (www.oceangrouphotel.com)





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WORKSHOP LOCATION:

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





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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 second Course, which aims to reach of the neurosurgical neuroanatomy and update practical and theoretical knowledge of ventricular system and endoscopic / microscopic approaches

ORGANIZATION & FACULTY

Dr. Aneela Darbar

Assistant Professor and Neurosurgeon. The Aga Khan University. Karachi, Pakistan

Dr Pablo González-López

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

Dr Mohammed Haji

Medical Coordinator of Mnazi Mmoja NED Surgical Institute

Dr Said Idrissa

Chair of Neurosurgical Unit. Mnazi Mmoja Hospital

Dr Francisco Luna

Chairman Neurosurgery Department. Hospital Clínico Regional Concepción. Chile

Dr Javier Orduna

Department of Neurosurgery. Hospital Universitario Miguel Servet. Zaragoza, Spain

Dr Jose Piquer

Residency Director COSECSA Program. Mnazi Mmoja NED. President of NED Foundation

Dr Inmaculada Palomar

Department of Anaesthesiology. Neuroanaesthesia Unit. Hospital General Alicante

Dr Moody Qureshi FCS-ECSA, FRCSEd (Neurosurgery)

Chairman of the Neurological Society of Kenya. President-Elect, CAANS

Dr Hamisi K. Shabani MD PhD FCS

Chief of Neurosurgery. Muhimbili Orthopaedic Institute. Dar es Salaam. Tanzania

Dr Iván Verdú

Department of Neurosurgery. Hospital General Alicante. Spain



NED FOUNDATION 3DNeuroanatomy Training Program

II Course. I Cycle

3D Ventricular System & Skull Base Endoscopic Anatomy

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