



World Federation of Neurological Societies (WFNS) in  
collaboration with The Society of Ethiopian Neurological  
Surgery Professionals (SENSP)

**WFNS Foundation Hydrocephalus Course**

**Updates on Vascular and pediatrics Neurosurgery**

**November 2-3, 2019**

**Addis Ababa Silk Road Hospital**

**Addis Ababa, Ethiopia**

**Foreign Faculty:**

*Maurice Choux, France*

*Concezio Di Rocco, Germany*

*Feng Ling, China*

*Mohamed El Beltagy, Egypt*

*Radovan Mijalic, Serbia*

*Gao Zeng, China*

## Course Program

### November 2

*Morning*

Welcoming remark

*H 9.00 – 9.30*

*Dr. Abenezer Tirsit, SENSP*

*Prof. Concezio Di Rocco, WFNS*

*Prof. Maurice Choux, WFNS*

*Prof. Feng Ling , WFNS*

### Course on Cerebral Stroke prevention, control and treatment in Ethiopia

*9:30 – 12.00*      **Chairmen: F Ling**

10.00-10.20      Secondary Prevention of Stroke  
Fei Chen, China

**10.20-10.50**      **Tea Break**

11.00-11.20      Ultrasound application in Carotid artery stenosis  
Jingzhi Li, China

11.20-11.40      Surgical treatment of intracranial aneurysms in Addis Ababa, Ethiopia  
Thomas Bogale , Ethiopia

11.40-12.00      Discussion

**12.00-13.00**      **Lunch**

*Afternoon*      Hydrocephalus course

13.00- 18.00      **Chairmen: F Ling, M Chouz, C Di Rocco**

13.00-13.15      Introduction:  
M Choux, C Di Rocco, F Ling

- 13.15-13.40 Congenital hydrocephalus. A survey  
C Di Rocco, Germany
- 13.40-14.10 Obstructive hydrocephalus (tumors)  
M El Belthagy, Egypt
- 14.10-14.40 Post-hemorrhagic hydrocephalus  
C Di Rocco, Germany
- 14.40- 15.00 How to implant an extra-theal CSF shunt device  
M, Choux, France
- 15.00-15.20 How to maintain an external ventricular drainage  
G Zeng, China
- 15.20-15.40 About shunts  
C Di Rocco, Germany
- 15.40-16.00 Normal pressure Hydrocephalus  
Andrei Klimash , Russia
- 16.00-16.20 Discussion

### November 3

#### *Morning*

- 8.30-13.00 **Chairmen: G Zeng, Hagos Bilut, Mersha Abebe, Tony Magana**
- 8.30-9.00 Infective complications, avoidance, management  
M Choux, France
- 9.00-9.20 Management of infected CSF shunts  
El Beltagy, Egypt
- 9.30-9.50 Hydrocephalus associated to arachnoid cyst  
G Zeng, China
- 9.50-10.20 Temporal arachnoid cysts  
C Di Rocco, Germany
- 10.20-10.40 Suprasellar arachnoid cysts  
M Choux, France

**10.40-11.00 Coffee break**

11.00-13.20 **Chairmen: El Beltagy, Azarias Kassahun, Brook Getachew , Elam M**

11.00-11.40 Management of posterior fossa tumors  
M Choux, France

11.40-12.00 Hydrocephalus associated to Myelomeningocele  
R. Mijalcic, Serbia

12.00-12.20 How do it: MM  
C Di Rocco, Germany

12.20- 12.50 Lipomyelomeningocele

12.50-13.10 Challenges and Opportunities of Practicing Pediatrics Neurosurgery in Ethiopia  
Addisalem Belete ,Ethiopia

13.10-13.20 Discussion

**13.00-14.30 Lunch**

*Afternoon*

14.30-18.00 **Chairmen: R Mijalcic, Abat Sahlu , Tsegzeab Laeke**

14.30-15.00 How to perform an endoscopic III ventricle cisternostomy  
C Di Rocco, Germany

15.00-15.15 How to manage a choroid cyst endoscopically  
R Mijalcic, Serbia

15.15-15.40 Complications of ETV  
C Di Rocco, Germany

15.40-16.00 Endoscopic assisted pediatric tumors microsurgical resection  
El Beltagy, Egypt

**Interactive sessions**

16.00-18.00 **Chairmen: Abenezer Tirsit , Kibruyesfaw Zewdie , Mulualem Adefrias**

**Case Presentation**

16.00-16.03 Bethlehem Yesehak Neurosurgery resident, Addis Ababa University

16.10-16.13	Dagmawi Sileshi	Neurosurgery resident, Addis Ababa University
16.20-16.23	Fassil Tesfaye	Neurosurgery resident, Addis Ababa University
16.30-16.33 College	Jemal AWOL	Neurosurgery resident, Millennium Medical
16.40-16.43 College	Milan Gebreegziabher	Neurosurgery resident, Millennium Medical
16.50-16.53	Antekeh Tadesse	Neurosurgery Fellow, Mekele University
17.00-17.03	Mihertab Haile	Neurosurgery resident, Mekele University

### **Closing Remark**