

## WFNS2022 | SCIENTIFIC PROGRAM

13/03/2022

**07:30 - 09:40 PRE-CONGRESS COURSE SKULL BASE - 2D Anatomy - Approaches - Surgery I**

**Room EF Moderators:** *Guinto Balanzar, Gerardo*

7:30 - 07:40 Opening

*Alvaro Campero (Argentina)*

7:40 - 07:55 Anatomy of the Sellar and Parasellar Region

*Victor Alcocer Barradas (Mexico)*

7:55 - 08:10 Anatomy of the Nasal Cavity and Sphenoid Sinus

*Igor Lima Maldonado (Brazil)*

8:10 - 08:25 Surgery of Pituitary Adenomas

*André Grotenhuis (Netherlands)*

8:25 - 08:40 Endoscopic Extended Trans-Sphenoidal Approach

*Juan Luis Gomez Amador (M)*

8:40 - 08:55 Endoscopic endonasal surgery for uncommon sellar and parasellar lesions

*Waleed A. Azab (Kuwait)*

8:55 - 09:10 Endoscopic Approaches to the Orbit

*Paul Gardner (United States)*

9:10 - 09:25 Anatomy of Anterior Fossa

*Victor Alcocer Barradas (Mexico)*

9:25 - 09:40 Surgery of Anterior Skull Base Tumors

*Victor Alcocer Barradas (Mexico)*

**07:50 - 09:20 PRE-CONGRESS COURSE NEUROANATOMY I - White matter Anatomy for epilepsy and intrinsic tumors****Room N****Moderators:** *Benes, Vladimir*

- 7:50 - 08:00 Welcome and Introduction  
*Imad Kanaan (Jordan)*
- 7:50 - 08:00 Welcome and Introduction  
*Vladimir Benes (Czech Republic)*
- 8:00 - 08:12 White matter fiber & Disconnection techniques in epilepsy surgery  
*Roy Daniel (Switzerland)*
- 8:12 - 08:24 White matter tracts & Tractography: importance in glioma surgery  
*Fernando Martinez (Uruguay)*
- 8:24 - 08:36 Anatomy of the insula & surgical implications  
*TBD (TBD)*
- 8:36 - 08:48 Anatomy-guided resection of brainstem Ponto-mesencephalic tumors  
*Miguel Angel Arráez Sánchez (Spain)*
- 8:48 - 09:00 Telovelar Approach and Combination with CPA  
*Ekkehard Kasper (Canada)*
- 9:00 - 09:20 Discussion

**09:40 - 11:10 PRE-CONGRESS COURSE NEUROANATOMY II - Vascular Anatomy****Room N****Moderators:** *Broggi, Giovanni*  
*Maldonado, Mr. Igor Lima*

- 9:40 - 09:52 Anatomical aspects of AVM surgery.  
*Vladimir Benes (Czech Republic)*
- 10:04 - 10:16 Paraclinoid Aneurysm  
*TBD (TBD)*
- 10:16 - 10:28 Anatomical Variations of Anterior Communicating Artery.  
*Victor Hugo Pérez Pérez (Mexico)*
- 10:28 - 10:40 Surgery for A-com. Aneurysms  
*Ramesh Nair (United Kingdom)*
- 10:40 - 10:52 The Maxillary Artery Surgical Anatomy  
*Jorge Alvernia (United States)*
- 10:52 - 11:10 Discussion

**10:10 - 12:40 PRE-CONGRESS COURSE SKULL BASE - 2D Anatomy - Approaches - Surgery II**

**Room EF** **Moderators:** *Gomez Amador, Juan Luis*  
*Borba, Luis*

- 10:10 - 10:25 Anatomy of Middle Fossa  
*Alvaro Campero (Argentina)*
- 10:25 - 10:40 Anatomy of Sylvian Fissure and Basal Cisterns - Pterional Approach  
*Alvaro Campero (Argentina)*
- 10:40 - 10:55 Pterional Approach  
*Alvaro Campero (Argentina)*
- 10:55 - 11:10 Surgery of Craniopharyngioma  
*Luis Borba (Brazil)*
- 11:10 - 11:25 Surgery of Tuberculum Sellae Meningiomas  
*Gerardo Guinto Balanzar (Mexico)*
- 11:25 - 11:40 Surgery of Spheno-Orbital Meningioma  
*César Chong Loor (Ecuador)*
- 11:40 - 11:55 Anatomy of Cavernous Sinus  
*Antonio Bernardo (United States)*
- 11:55 - 12:10 Orbito-zygomatic Approach  
*Antonio Bernardo (United States)*

**11:30 - 13:00 PRE-CONGRESS COURSE NEUROANATOMY III - Skull Base Anatomy & Endoscopy**

**Room N** **Moderators:** *Kanaan, Imad*  
*Nair, Ramesh*

- 11:30 - 11:42 MIN. Trans eyebrow approach anatomy& surgery  
*Giovanni Broggi (Italy)*
- 11:42 - 11:54 Endoscopy anatomy of the Nasal Cavity and Sphenoid Sinus  
*Igor Lima Maldonado (Brazil)*
- 11:54 - 12:06 Endoscopic Anatomy of Ventricular System & Management of its Lesions  
*Henry Schroeder (Germany)*
- 12:06 - 12:18 Radiological Anatomy for Ventriculoscopic Procedures.  
*Ramez Kirolos (Singapore)*
- 12:18 - 12:30 Anatomy of Endoscopic Approach to the Pterygopalatine Fossa  
*Sanjeeva Jeyaretna (United Kingdom)*
- 12:30 - 12:42 Anatomy for retromastoid Approach & variant  
*Imad Kanaan (Jordan)*
- 12:42 - 13:00 Discussion and Final Remarks  
*Vladimir Benes (Czech Republic)*
- 12:42 - 13:00 Discussion and Final Remarks  
*Imad Kanaan (Jordan)*

**14:00 - 16:00 PRE-CONGRESS COURSE SKULL BASE - 2D Anatomy - Approaches - Surgery III**

**Room EF** **Moderators:** *Gardner, Paul*  
*Arráez Sánchez, Miguel Angel*

- 14:00 - 14:15 Endoscopic Approach to Cavernous Sinus  
*Juan Luis Gomez Amador (M)*
- 14:15 - 14:35 Anatomy of Cerebellopontine Angle  
*Antonio Bernardo (United States)*
- 14:35 - 14:50 Retrosigmoid Approach  
*Victor Alcocer Barradas (Mexico)*
- 14:50 - 15:05 Surgery of Small Vestibular Schwannomas  
*Marcos Tatagiba (Germany)*
- 15:05 - 15:20 Surgery of Giant Vestibular Schwannomas  
*Ricardo Ramina (Brazil)*
- 15:20 - 15:35 Anatomy of Temporal Bone and Petroclival Region  
*Vladimir Benes (Czech Republic)*
- 15:35 - 15:50 Petrous Apex Approach  
*Miguel Angel Arráez Sánchez (Spain)*

**16:30 - 18:15 PRE-CONGRESS COURSE SKULL BASE - 2D Anatomy - Approaches - Surgery IV**

**Room EF** **Moderators:** *Tatagiba, Marcos*  
*Grotenhuis, André*

16:30 - 16:45 Petroclival Meningiomas: Posterior Transpetrosal Approach

*Luis Borba (Brazil)*

16:45 - 17:00 Anatomy of Foramen Magnum and Craniocervical Junction

*Roy Daniel (Switzerland)*

17:00 - 17:15 Far-Lateral Approach

*Antonio Bernardo (United States)*

17:15 - 17:30 Surgery of Foramen Magnum Meningiomas

*Jose Alberto Landeiro (Brazil)*

17:30 - 17:45 Surgery techniques for Chordomas

*Paul Gardner (United States)*

17:45 - 18:15 Discussion and Final Remarks

*Alvaro Campero (Argentina)*

**07:00 - 10:10 NEUROSURGICAL ANATOMY SYMPOSIUM**

**Room D** **Moderators:** *Benes, Vladimir*  
*Mejia Cordovez, Juan Armando*

- 7:00 - 07:15 The trochlear nerve: neurosurgical considerations in different microsurgical approaches  
*Enrique Úrculo (Spain)*
- 7:15 - 07:30 The Transcallosal Approach to Pineal Region Lesions  
*Kresimir Rotim (Croatia)*
- 7:30 - 07:45 Anatomical Variations of Intracavernous Carotid Artery  
*Victor Hugo Pérez Pérez (Mexico)*
- 7:45 - 08:00 Pterional Approach and Variations  
*Sanjeeva Jeyaretna (United Kingdom)*
- 8:00 - 08:15 The Minimally Invasive Posterolateral Transcavernous-Transtentorial Approach in Posterior Circulation  
*Jorge Mura (Chile)*
- 8:15 - 08:30 Surgical approach to tuberculum-planum meningiomas  
*Roy Daniel (Switzerland)*
- 8:30 - 08:45 Supra-orbital approach for meningiomas and pituitary tumors  
*Aaron Musara (Zimbabwe)*
- 8:45 - 09:00 Minimally invasive approaches to the pineal region  
*Michael Sughrue (Australia)*
- 9:00 - 09:15 Surgical approach to Intraventricular Tumor  
*Ekkehard Kasper (Canada)*
- 9:15 - 09:30 Supracerebellar-Infratentorial Approach to the Petrous Apex lesions  
*Vladimir Benes (Czech Republic)*
- 9:30 - 09:45 Brain-stem Anatomy and Selection of Surgical Approach  
*Miguel Angel Arráez Sánchez (Spain)*
- 9:45 - 10:00 Merits of simple approach in skull base surgery  
*Imad Kanaan (Jordan)*
- 10:00 - 10:10 Final Remarks  
*Vladimir Benes (Czech Republic)*
- 10:00 - 10:10 Final Remarks  
*Imad Kanaan (Jordan)*