

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)

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)

14:00 - 19:00 PRE-CONGRESS COURSE SKULLBASE ENDOSCOPY**Room G Moderators:** *Deopujari, Chandrashekhar*

- 14:00 - 14:15 Welcome and Introduction
Chandrashekhar Deopujari (India)
- 14:15 - 15:00 Essential Anatomy for Endonasal Endoscopic Skull base Surgery
Pablo Gonzalez Lopez (Spain)
- 15:00 - 16:00 Demonstration on models for Nasoseptal flap and approach to sagittal plane
Javier Abarca Olivas (Spain)
- 15:00 - 16:00 Demonstration on models for Nasoseptal flap and approach to sagittal plane
Pablo Gonzalez Lopez (Spain)
- 16:00 - 16:45 Nuances of pituitary surgery
Waleed A. Azab (Kuwait)
- 16:45 - 17:30 Nuances of Approaches to Anterior Cranial Fossa Meningiomas
Henry Schroeder (Germany)
- 17:30 - 18:15 Nuances of Craniopharyngioma surgery
Chandrashekhar Deopujari (India)
- 18:15 - 18:45 Panel Discussion on Nuances of Skull base reconstruction
Chandrashekhar Deopujari (India)
- 18:30 - 19:00 Discussion and Final Remarks
Chandrashekhar Deopujari (India)
- 18:45 - 19:00 Final Remarks
Chandrashekhar Deopujari (India)

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 - 08:30 STATE OF ART - Skull Base I

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

- 7:00 - 07:15 Pituitary Adenomas: Classification Update
Najia El Abbadi (Morocco)
- 7:15 - 07:35 Giant Pituitary Tumors
Nelson Oyesiku (United States)
- 7:35 - 07:55 Neurosurgical Approach to Acromegaly
Henry Schroeder (Germany)
- 7:55 - 08:15 Neurosurgical Approach to Cushing's disease
Henry Schroeder (Germany)
- 8:15 - 08:30 Pituitary Adenomas: Radiosurgery Update
Eduardo Lovo (El Salvador)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Skull Base I

Room EF **Moderators:** *Da Silva, Carlos Eduardo*
El Khamlichi, Abdeslam

- 8:40 - 08:55 Tuberculom Sellae Meningiomas. Transcranial Approach
Gerardo Guinto Balanzar (Mexico)
- 8:55 - 09:10 Tuberculom Sellae Meningiomas. Endoscopic Approach
Paul Gardner (United States)
- 9:10 - 09:25 Schwannoma trigeminal tumors: Transcranial Approach
Pablo Ajler (Argentina)
- 9:25 - 09:40 Schwannoma trigeminal tumors: Endoscopic Approach
Juan Luis Gomez Amador (M)
- 9:40 - 10:10 Discussion

11:40 - 12:00 PLENARY SESSION - Skull Base I

Auditorium **Moderators:** *Úrculo, Enrique*
Oyesiku, Nelson
Rubiano, Andrés

- 11:40 - 12:00 Recent Developments in Skull Base Surgery
Madjid Samii (Germany)

17:10 - 17:30 PLENARY SESSION - Skull Base II

Auditorium Moderators: *Perilla, Tito*
Borba, Luis
Grotenhuis, André

17:10 - 17:30 Petroclival Meningioma Update
Ossama Al-mefty (United States)

07:00 - 08:30 STATE OF ART - Skull Base II

Room EF **Moderators:** *Úrculo, Enrique*
Oyesiku, Nelson

- 7:00 - 07:15 Olfactory Groove Meningiomas
Paulo Henrique Aguiar (Brazil)
- 7:15 - 07:30 Sphenoid Wing Meningiomas
Alvaro Campero (Argentina)
- 7:30 - 07:45 Clinoidal Meningiomas
Carlos Eduardo Da Silva (Brazil)
- 7:45 - 08:00 Cavernous Sinus Meningiomas
Luis Borba (Brazil)
- 8:00 - 08:15 Surgery for lesions involving cavernous sinus
Atul Goel (India)
- 8:15 - 08:30 Radiosurgery for Cavernous Sinus Meningioma
Aizik Wolf (United States)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Skull Base II

Room EF **Moderators:** *Campero, Alvaro*
Goel, Atul

- 8:40 - 08:55 Craniopharyngiomas: Transcranial
Abdeslam El Khamlichi (Morocco)
- 8:55 - 09:10 Craniopharyngiomas: Endoscopic
Juan Luis Gomez Amador (M)
- 9:10 - 09:25 Giant Pituitary Adenomas: Endoscopic vs Microscopic
Nelson Oyesiku (United States)
- 9:25 - 09:40 Intracranial Epidermoid tumor. How to approach ?
Luis Borba (Brazil)

14:00 - 16:00 VIDEO SESSIONS - Skull Base

Room EF **Moderators:** *Borba, Luis*
Arnautovic, Kenan

- 14:00 - 14:12 Endoscopic approach of pituitary adenomas with cavernous sinus involvement
Henry Schroeder (Germany)
- 14:12 - 14:24 Transcranial approach to craniopharyngioma
Apio Antunes (Brazil)
- 14:24 - 14:36 Extended Endoscopic Endonasal Approach for Craniopharyngioma
Henry Schroeder (Germany)
- 14:36 - 14:48 Extended Endoscopic Endonasal Approach for Clivus Chordoma
Francisco Guzmán (Colombia)
- 14:48 - 15:00 Transcranial Approach for Olfactory Groove Meningioma
Omar Pathmanaban (United Kingdom)
- 15:00 - 15:12 Extended Endoscopic Endonasal Approach for Olfactory Groove Meningioma
Juan Luis Gomez Amador (M)
- 15:12 - 15:24 Smallest Trigeminal Neuroma
Gerardo Guinto Balanzar (Mexico)
- 15:24 - 15:36 Cranioorbital Approach for Tuberculum Sellae and Anterior Clinoid Meningiomas
Kenan Arnautovic (United States)
- 15:36 - 15:48 Transcranial Approach for Trigeminal Schwannoma.
Alvaro Campero (Argentina)
- 15:48 - 16:00 Endonasal Approach for Giant Pituitary Tumor
Imad Kanaan (Jordan)

16:30 - 18:10 VIDEO SESSIONS - Skull Base II

Room EF **Moderators:** *Morcos, Jacques*
Landeiro, Jose Alberto

- 16:30 - 16:42 Retrosigmoid Approach for Vestibular Schwannoma
Marcos Tatajiba (Germany)
- 16:42 - 16:54 Transpetrous Transtentorial Approach for Antero-lateral brainstem Schwannoma
Sanjeeva Jeyaretna (United Kingdom)
- 16:54 - 17:06 Recurrence of a Vestibular Schwannoma after subtotal resection by retrosigmoid approach
Enrique Úrculo (Spain)
- 17:06 - 17:18 Transmastoid Approach for Glomus Jugulare Tumor
Luis Borba (Brazil)
- 17:18 - 17:30 Far-Lateral Approach for Foramen Magnum Meningioma
Jose Alberto Landeiro (Brazil)
- 17:30 - 17:42 Surgical Approach for Petroclival Meningioma
Luis Borba (Brazil)
- 17:42 - 17:54 Retrosigmoid Intradural Suprameatal Approach for Petrous Apex Meningioma
Jacques Morcos (United States)

07:00 - 08:30 STATE OF ART - Skull Base III

Room EF **Moderators:** *Visocchi, Massimiliano*
Úrculo, Enrique

- 7:00 - 07:15 Brain stem tumors access through skull base (posterior fossa) approaches
Miguel Angel Arráez Sánchez (Spain)
- 7:15 - 07:30 Meningiomas of the Craniocervical Junction
Massimiliano Visocchi (Italy)
- 7:30 - 07:45 Petroclival Meningiomas
Gerardo Guinto Balanzar (Mexico)
- 7:45 - 08:00 Tentorial Posterior Fossa Meningioma
Apio Antunes (Brazil)
- 8:00 - 08:15 Foramen Magnum Meningiomas
Alvaro Campero (Argentina)
- 8:15 - 08:30 CPA Meningiomas
Omar Pathmanaban (United Kingdom)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Skull Base III

Room EF **Moderators:** *Samii, Madjid*
Antunes, Apio

- 8:40 - 08:55 Samii's technique in vestibular schwannoma microsurgery: Lessons learned throughout the years
Enrique Úrculo (Spain)
- 8:55 - 09:10 Vestibular Schwannomas: Microsurgery vs Radiosurgery
Aizik Wolf (United States)
- 9:10 - 09:25 Petroclival Meningiomas. Retrosigmoid Approach vs Presigmoid Approach
Marcos Tataba (Germany)
- 9:25 - 09:40 Petroclival Meningiomas. Retrosigmoid Approach vs Presigmoid Approach
Luis Borba (Brazil)

17:10 - 17:30 PLENARY SESSION - Skull Base IV

Auditorium **Moderators:** *Pedroza, Alfredo*
Samii, Madjid

- 17:10 - 17:30 Surgical Treatment of Vestibular Schwannomas: from the Pioneers to the Next Generation
Marcos Tataba (Germany)

07:00 - 08:30 STATE OF ART - Skull Base IV**Room EF** Moderators: *Samii, Madjid*

- 7:00 - 07:15 Pronostic factors in facial nerve preservation during schwannoma surgery: the role of tumor vascularization and peritumoral adherences.
Andrés Cervio (Argentina)
- 7:15 - 07:30 Intracanalicular Tumors Management (Vestibular Schwannomas)
Eduard Zverina (Czech Republic)
- 7:30 - 07:45 Giant Tumors Management (Vestibular Schwannomas)
Roberto Leal Da Silveira (Brazil)
- 7:45 - 08:00 Treatment of Vestibular Schwannomas with Gamma Knife
Julio Antico (Argentina)
- 8:00 - 08:15 Hearing restoration in neural deafness
Amir Samii (Germany)
- 8:15 - 08:30 Facial Nerve Reanimation Update
Madjid Samii (Germany)

07:00 - 08:30 STATE OF ART - Skull Base V**Room LM** Moderators: *Deopujari, Chandrashekhar
Landeiro, Jose Alberto*

- 7:15 - 07:30 Far Lateral Approach to the CCJ: Technical Nuances
Gustavo Pradilla (United States)
- 7:30 - 07:45 Endoscopic Approaches to the Craniocervical Junction
Chandrashekhar Deopujari (India)
- 7:45 - 08:00 Limits of the Endoscopic Approach to CCJ Tumors
Jose Alberto Landeiro (Brazil)
- 8:00 - 08:20 Clival Chordoma: Management and surgical approach
Luis Borba (Brazil)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Skull Base IV

Room EF Moderators: *Samii, Amir*
Ramina, Ricardo

8:40 - 08:55 Petrous Apex Tumors: Transcranial Approach

Gerardo Guinto Balanzar (Mexico)

8:55 - 09:10 Petrous Apex Tumors: Transcranial vs Endoscopic

Juan Luis Gomez Amador (M)

9:10 - 09:24 Cavernous Sinus Tumors: Transcranial Approach

TBD (TBD)

9:25 - 09:40 Transoral Versus Transnasal Approach for Craniovertebral Junction Pathologies

Massimiliano Visocchi (Italy)

11:20 - 11:40 PLENARY SESSION - Skull Base V

Auditorium Moderators: *Fonseca, Marco*
Soriano Sánchez, Jose Antonio
El Abbadi, Prof. Najia

11:20 - 11:40 Glomus Jugulare Tumor Update

Ricardo Ramina (Brazil)