

WFNS2022 | SCIENTIFIC PROGRAM

13/03/2022

07:50 - 10:00 PRE-CONGRESS COURSE ONCOLOGY - WFNS Neurology-Oncology Committee I

Room LM **Moderators:** *García Colmena, Fernando Kirollos, Ramez*

- 7:50 - 08:00 Opening
Marcos Maldaun (Brazil)
- 8:00 - 08:20 Clinical Evaluation of Neurooncology patients
Marcos Maldaun (Brazil)
- 8:40 - 09:00 Functional anatomy application for glioma surgery
Marcos Maldaun (Brazil)
- 9:00 - 09:20 Awake Mapping in Brain Tumor: Indications and Planning
Fernando García Colmena (Argentina)
- 9:20 - 09:40 State of Art Therapies for Glioma
Clemens Dirven (Netherlands)
- 9:40 - 10:00 Techniques to Improve Resection in Gliomas
Philippe Schucht (Switzerland)

10:30 - 12:30 PRE-CONGRESS COURSE ONCOLOGY - WFNS Neurology-Oncology Committee II

Room LM **Moderators:** *Narita, Yoshitaka Maldaun, Marcos*

- 10:40 - 11:00 Ways to Predict and Minimize Morbidity in Meningioma Surgery at Different Locations
Ramez Kirollos (Singapore)
- 11:00 - 11:20 Meningiomas - Surgical Challenges and New Insights from Neuropathology
Florian Alexander Ringel (Germany)
- 11:20 - 11:40 The MDT Approach to Brain Metastases
Muhammad Shahzad Shamim (Pakistan)
- 11:40 - 12:00 Augmented reality, Mix reality and Virtual reality in Brain tumors
Jose Valerio (United States)
- 12:00 - 12:20 Discussion
- 12:20 - 12:30 Final Remarks
Marcos Maldaun (Brazil)

14:00 - 16:00 PRE-CONGRESS COURSE ONCOLOGY - Squad Fire SNOLA Section I

Room LM **Moderators:** *Maldaun, Marcos*
Stummer, Walter
Vargas Grau, Gabriel

14:00 - 14:30 Is Awake Craniotomy for Insular Tumor Essential
Hugues Duffau (France)

14:30 - 15:00 Is it feasible to perform supramarginal surgery?
Jose Valerio (United States)

15:00 - 15:30 Is Radiosurgery Superior than Surgery for < 3cm Brain Metastasis ?
Eduardo Lovo (El Salvador)

15:30 - 16:00 Is 5 ALA Superior than IMRI?
Walter Stummer (Germany)

07:00 - 08:30 STATE OF ART - Oncology I

Room LM **Moderators:** *Vargas Grau, Gabriel
Maldaun, Marcos*

- 7:00 - 07:15 Anatomy Guided Microneurosurgery for the Removal of Lobar Low Grade Gliomas
Fernando Martinez (Uruguay)
- 7:15 - 07:30 Molecular Markers: How Useful They are to Define Prognosis and Treatment for LGG
Philippe Schucht (Switzerland)
- 7:30 - 07:45 Role of Intra-operative MRI for Glioma Surgery
Marcos Maldaun (Brazil)
- 7:45 - 08:00 Role of Surgery for LGG
Hugues Duffau (France)
- 8:00 - 08:15 Pitfalls in Insular LGG Surgery
Jose Valerio (United States)
- 8:15 - 08:30 Surgery-enhanced recovery after brain tumor surgery
Alexis Morell (United States)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Oncology I

Room LM **Moderators:** *Valerio, Jose
Morell, Alexis*

- 8:40 - 08:55 Feasibility and safety of "en-masse" resection of LGG
Atul Goel (India)
- 8:55 - 09:10 Tips and tricks on intradural extramedullary spinal cord tumor
Nikolay Konovalov (Russian Federation)
- 9:10 - 09:25 Tokuhashi, Tomita, SINS, NOMS etc.: Usefulness of Spinal Mets Scales and Index
Jeronimo Milano (Brazil)
- 9:25 - 09:40 Spine Radiosurgery for Spinal Metastasis
Jose Valerio (United States)
- 9:40 - 09:55 Surgery and New Tools in Spinal Metastasis
Jesus Lafuente Baraza (Spain)
- 9:55 - 10:10 Discusión

11:20 - 11:40 PLENARY SESSION - Oncology I

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

- 11:20 - 11:40 Contribution of the meta-networking Theory of brain functions to a connectome-based surgery for LGG; about over 1100 procedures with awake mapping
Hugues Duffau (France)

14:00 - 16:00 PERSONAL NEUROSURGICAL PRACTICE AND RESEARCH - OC01 | Oncology**Room K**

Moderators: *Stummer, Walter*
Aristizabal Maya, Jorge Humberto
Valerio, Jose

- 14:00 - 14:10 Germinoma with diffuse subependymal quadriventricular, cerebellar, and rostral brainstem spread.
Enrique Villarreal García (Mexico)
- 14:10 - 14:20 Neuronavigation associated with Motor Functional Resonance, Validation by Direct Cortical Stimulation in surgery of Motor Area Tumors
Pablo Landaburu (Argentina)
- 14:20 - 14:30 Awake or Hypnosis for Low-Grade Glioma Surgery: A single institutional cross-sectional study at CHRU Bretonneau Tours France.
Nourou Dine Adeniran Bankole (Morocco)
- 14:30 - 14:40 The vicious interplay between disrupted sleep and malignant brain tumors
Darko Oreskovic (Croatia)
- 14:40 - 14:50 Intracranial Pressure Monitoring as an Early Predictor of Adverse Craniotomy Outcomes
Mohamed Soliman (Egypt)
- 14:50 - 15:00 High Cervical Anterolateral Retropharyngeal Transclival Approach to Clivus: A Cadaveric Study
Mert Babur (Turkey)
- 15:00 - 15:10 Brain Metastasis: Criteria for personalized surgical treatment
César Chong Loo (Ecuador)
- 15:10 - 15:20 Clinical Characteristics in Patients with Glioblastoma and Long-term Survival: A Case Series.
Luis Alfredo Lara Bahena (Mexico)
- 15:20 - 15:30 A Rapid Automated Preoperative Protocol for Mapping of the Corticospinal Tract in Patients with Motor Area Brain Tumors: A Comparative Analysis of 1.5 and 3 T Acquisitions
Edgar G Ordóñez-Rubiano (Colombia)

07:00 - 08:30 STATE OF ART - Oncology II

Room LM Moderators: *García Colmena, Fernando Aguiar, Paulo Henrique*

- 7:00 - 07:15 Molecular Markers and immunotherapy for HGG
Gelareh Zadeh (Canada)
- 7:15 - 07:30 Intraoperative Neuromonitoring in high grade glioma surgery.
Fernando García Colmena (Argentina)
- 7:30 - 07:45 Is 5 ALA Essential for HGG Resection?
Walter Stummer (Germany)
- 7:45 - 08:00 Advances in glioma surgery: the experience with florescent media and Coaxial Laser endoscopy
Giovanni Broggi (Italy)
- 8:00 - 08:15 HGG: Is Tumor Treating Fields (TTF) New Standard of Care Treatment
Marcos Maldaun (Brazil)
- 8:15 - 08:30 Behavioral and Personality Changes in Brain Tumor Patients. The Psychooncology Perspective
Maria Teresa Leao Tatagiba (Germany)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Oncology II

Room LM Moderators: *Broggi, Giovanni Duffau, Hugues*

- 8:40 - 09:10 Connectomics, traditional and non-traditional eloquent areas: What's below the tip of the iceberg
Alexis Morell (United States)
- 8:55 - 09:10 The cortical organization of language. What are the clinical applications
Michael Sughrue (Australia)
- 9:10 - 09:25 Giant Meningiomas Pre-Operative Embolization: Useful
Paulo Henrique Aguiar (Brazil)
- 9:25 - 09:40 Pituitary Apoplexy. When to Operate
Imad Kanaan (Jordan)
- 9:40 - 09:55 Neuronavigation in Neuro-Oncology: Is it Essential
Gabriel Vargas Grau (Colombia)
- 9:55 - 10:10 Discussion

07:00 - 08:30 STATE OF ART - Oncology III

Room LM **Moderators:** *Shahzad Shamim, Muhammad Penagos, Pedro*

- 7:00 - 07:15 State of the art management of Brain metastasis
Jean Goncalves de Oliveira (Brazil)
- 7:15 - 07:30 The role of emerging therapies in brain metastases
Alexis Morell (United States)
- 7:30 - 07:45 Radiosurgery for Brain Metastasis: Modern Concepts
Eduardo Lovo (El Salvador)
- 7:45 - 08:00 Strategies for Brain Tumor Resection
Gabriel Vargas Grau (Colombia)
- 8:00 - 08:15 Purely Endoscopic Excision of Intra and extra-axial Lesions
Waleed A. Azab (Kuwait)
- 8:15 - 08:30 Cranial Ependymoma Management IN aDULTS
Clemens Dirven (Netherlands)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Oncology III

Room LM **Moderators:** *Lovo, Eduardo*

- 8:40 - 08:55 Natural and artificial intelligence. neurosurgical applications.
Joeky Senders (Netherlands)
- 8:55 - 09:10 Functional MRI and Tractography in Neuro-Oncology: Are They Essential
Muhammad Shahzad Shamim (Pakistan)
- 9:10 - 09:25 The role of Laser Ablation in Neuro-Oncology
Alexis Morell (United States)
- 9:25 - 09:40 Awake Craniotomy for Non Dominant Hemisphere: Why Do It
Hugues Duffau (France)
- 9:40 - 09:55 Decision Making and Management of Pineal Tumors
Ramez Kirolos (Singapore)

11:00 - 11:20 PLENARY SESSION - Oncology II

Auditorium **Moderators:** *Quintana, Leonidas Osorio, Enrique Arráez Sánchez, Miguel Angel*

- 11:00 - 11:20 Modern Concepts of Awake Craniotomy for Gliomas
Marcos Maldaun (Brazil)

14:00 - 16:00 VIDEO SESSIONS - Oncology / Functional**Room LM****Moderators:** *Teo, Charles
Aguiar, Paulo Henrique*

- 14:00 - 14:12 Insular Diffuse Low Grade Glioma
Jose Valerio (United States)
- 14:12 - 14:24 Deep Intra-Axial Low Grade Glioma
Charles Teo (Australia)
- 14:24 - 14:36 Medial Sphenoid Wing Meningioma
Paulo Henrique Aguiar (Brazil)
- 14:36 - 14:48 Surgery for "orbital roof meningioma"
Ekkehard Kasper (Canada)
- 14:48 - 15:00 Mesial Temporal Lobe Tumor. Patient with epilepsy
Manuel Campos Puebla (Chile)
- 15:00 - 15:12 Augmented reality, mixed reality and virtual reality
Jose Valerio (United States)
- 15:12 - 15:24 Hypothalamic third ventricular glioma resection
James Rutka (Canada)
- 15:24 - 15:36 Adult Retrochiasmatic Craniopharyngioma
Pablo Ajler (Argentina)
- 15:36 - 15:48 Pediatric Craniopharyngioma surgery
Mohamed El Beltagy (Egypt)
- 15:48 - 16:00 Endoscopic Management of Craniopharyngiomas
Ramesh Nair (United Kingdom)

16:30 - 18:10 VIDEO SESSIONS - Oncology / Functional II

Room LM **Moderators:** *Campos Puebla, Manuel*
Valerio, Jose

- 16:30 - 16:42 Endoscopic resection of colloid Cyst of the third ventricle with ventricles of normal size
Graciela Zuccaro (Argentina)
- 16:42 - 16:54 Meningioma of the ventricular atrum through the intraparietal sulcus
Apio Antunes (Brazil)
- 16:54 - 17:06 Cervicomedullary Tumor
George Jallo (United States)
- 17:06 - 17:18 Spinal cord hemangioblastoma surgery
Nikolay Konovalov (Russian Federation)
- 17:18 - 17:30 Intramedullary ependymoma
Nikolay Konovalov (Russian Federation)
- 17:18 - 17:30 Intramedullary glioma
Nikolay Konovalov (Russian Federation)
- 17:30 - 17:42 DBS for dystonia in Wilson disease patient
Fabian Piedimonte (Argentina)
- 17:42 - 17:54 DBS for aggressive
Adriana Lucia Lopez Rios (Colombia)

07:00 - 08:30 STATE OF ART - Oncology IV

Room LM Moderators: *Cifuentes, Hernando*
Maldaun, Marcos

- 7:00 - 07:15 Keyhole Supraorbital Approach for Tumor Resection
Henry Schroeder (Germany)
- 7:15 - 07:30 Endoscope-Assisted Microsurgery for Intra-axial Lesions
Charles Teo (Australia)
- 7:30 - 07:45 Surgical Treatment of Intraventricular Tumors
Chandrashekhara Deopujari (India)
- 7:45 - 08:00 Suprasellar Meningiomas: Surgical Approach
Ricardo Ramina (Brazil)
- 8:00 - 08:15 Parasagittal Meningiomas: Surgical Approach
Keki E Turel (India)
- 8:15 - 08:30 Clinical and Molecular Predictors of Recurrence for Meningiomas
Gelareh Zadeh (Canada)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Oncology IV

Room LM Moderators: *Valerio, Jose*
Ramina, Ricardo

- 8:40 - 08:55 Prognosis of Glioblastomas. It has improved with the use of high technology and molecular classification
Luis Ley Urzaiz (Spain)
- 8:55 - 09:10 Surgical Management of Motor-eloquent Gliomas
Michael Sughrue (Australia)
- 9:10 - 09:25 Intra-Operative Ultrasound for Gliomas: Is it Still Useful
Keki E Turel (India)
- 9:25 - 09:40 5 ALA vs Intraoperative MRI: What is the Best Tool to Define Residual Tumor During Surgery
Walter Stummer (Germany)
- 9:40 - 09:55 Anatomy-vascularization & Surgical Techniques for Parasagittal Meningioma. What is the best guide to avoid venous infarction?
Aaron Musara (Zimbabwe)