

# Neurosurgery Update 2023

## AGENDA

**Thursday, August 3, 2023**

11:00AM	<i>Registration</i>	
12:00PM	<b>Welcome and Course Overview</b>	Edward F. Chang, MD
<b>TUMOR, NEURO-ONCOLOGY, TRAUMA, PEDIATRICS, CEREBROVASCULAR</b>		
12:35	<b>Is Frailty Associated with Neurological Impairments and Long-Term Survival in Adult Glioma?"</b>	Shawn Hervey-Jumper, MD
12:55	<b>Craniometric Landmarks of Neurosurgical Relevance</b>	Roberto R. Rubio, MD
1:15	<b>Traumatic Brain Injury: Current Landscape and Future Directions</b>	Shelly D. Timmons, MD, PhD
1:45	<b>Adult Glioma Update and Clinical Trials</b>	Susan M. Chang, MD
2:05	<b>Medical Therapy for CNS Metastasis</b>	John de Groot, MD, PhD
2:25	<b>Update on Decompressive Surgery for TBI</b>	Shelly D. Timmons, MD, PhD
2:55	<i>Coffee Break</i>	
3:25	<b>Management of ICH: Results for Recent RCT</b>	Luis Savastano, MD, PhD
3:45	<b>The Evolving Paradigm of Middle Meningeal Artery Embolization for Chronic Subdural Hematoma</b>	Andrew Ducruet, MD
4:25	<b>Personalization of Arteriovenous Malformation Care: a Team-based, Multi-modality Approach</b>	Ethan Winkler, MD
4:45	<b>Cerebral Malignancies: Optimal Management without Advanced Technology</b>	Brian Toyota, MD
5:05	<b>Recent and Upcoming Evidence in Endovascular Stroke Management</b>	Daniel Raper, MBBS
5:25	<b>Detection of Infiltrating Tumor Margins Using a New Intraoperative Tool: Stimulated Raman Spectroscopy</b>	Mitchel S. Berger, MD
5:45	<b>Discussion with Questions and Answers</b>	Mitchel S. Berger, MD
6:00PM	<i>Adjourn</i>	
6:00- 7:30PM	<i>Wine Tasting Reception</i>	

# Neurosurgery Update 2023

## AGENDA

**Friday, August 4, 2023**

7:00AM *Continental Breakfast*

**FUNCTIONAL, PAIN, PERIPHERAL NERVE, SKULL BASE**

7:25	<b>Introduction / Course Remarks</b>	Edward F. Chang, MD
7:30	<b>Adaptive DBS for Gait in Parkinson's Disease</b>	Doris Wang, MD, PhD
7:50	<b>Closed Loop DBS: the Next Generation of Functional Neuromodulation</b>	Kelly D. Foote, MD
8:35	<b>P Speech Neuroprosthesis</b>	Edward F. Chang, MD
8:55	<b>Biomarkers in TBI</b>	Michael Huang MD
9:15	<i>Coffee Break</i>	
9:35	<b>Endonasal Approaches Around the Optic Chiasm</b>	Ezequiel Goldschmidt, MD, PhD
9:55	<b>The Role of EEA for Posterior Fossa Tumor</b>	Daniel M. Prevedello, MD
10:40	<b>Surgical Management of Brain Metastasis in the Modern Era</b>	Manish K. Aghi, MD
11:00	<b>Laser Interstitial Thermal Therapy for Pediatric Pathologies</b>	Winson Ho, MD
11:20	<b>Identifying Pain Generators in Patients with LBP</b>	Robert Gamburd, MD
11:40	<b>Goals and Complications of Pituitary Surgery: Ensuring the Best Outcomes for Patients</b>	Sandeep Kunwar, MD
12:00 PM	<b>Cases/ Discussion / Questions and Answers</b>	Edward F. Chang
12:15	<i>Adjourn</i>	

# Neurosurgery Update 2023

## AGENDA

**Saturday, August 5, 2023**

7:00AM	<i>Continental Breakfast</i>	
<b>SPINE, TRAUMA, PEDIATRICS</b>		
7:25	<b>Introduction / Course Remarks</b>	Lee A. Tan, MD
7:30	<b>P Anterior Cervical Approach: Tips and Tricks</b>	Lee A. Tan, MD
7:50	<b>P Infection Prevention for Posterior Spinal Fusion</b>	Eric Potts, MD
8:20	<b>P The MIS Interbody Selection Algorithm – How to Choose the Optimal Interbody Approach</b>	Praveen V. Mummaneni, MD
8:40	<b>P Update on Lateral Spine Surgery</b>	Aaron Clark, MD, PhD
9:00	<b>Neuromodulation: Has the Future Arrived for Treating Spinal Cord Injury?</b>	Rajiv Saigal, MD, PhD
9:20	<i>Coffee Break</i>	
9:40	<b>P BMP in the Cervical Spine: Time to Revisit</b>	Eric Potts, MD
10:10	<b>P New Technologies in Spinal Biomaterials</b>	Irene Say, MD
10:30	<b>P Video Techniques for En Bloc Resection of Primary Tumors</b>	Christopher P. Ames, MD
10:50	<b>Occult Spinal Dysraphism: Evaluation and Treatment</b>	Nalin Gupta, MD, PhD
11:10	<b>P Nuances of Adoption of Prone Lateral Transpsoas Approach For Lumbar Interbody Fusion</b>	Nima Alan, MD
11:30	<b>P High Risk Spinal Trauma and MIS Approaches</b>	Anthony DiGiorgio, DO
11:50	<b>The Role of Multidisciplinary Approach and Advanced Imaging in PN Surgery</b>	Line Jacques, MD
12:10 PM	<b>Cases/ Discussion / Questions and Answers</b>	Edward F. Chang MD
12:30	<i>Adjourn</i>	

**P = Pain Credit**