

## Global Neurosurgery: Ask Not for Whom the Bell Tolls

Agenda			
Thursday, September 10, 2020			
06:30	<i>Exhibits</i>		
06:50	Welcome, Opening Remarks and Symposium Overview		
	<b>Session T1A</b> <b>Tumor</b> Moderators: <b>James K. Liu, MD &amp; Jacques J. Morcos, MD</b>	<b>Session T1B</b> <b>Global Neurosurgery/Education</b> Moderators: <b>Kee B. Park, MD &amp; Ira M. Goldstein, MD</b>	<b>Session T1C</b> <b>Vascular Neurosurgery</b> Moderators: <b>Gaurav Gupta, MD &amp; Hai Sun, MD, PhD</b>
07:00	Acoustic Tumors <b>William T. Couldwell, MD, PhD</b>	Spine Vascular Malformations <b>Zhang Hongqi, MD, PhD</b>	Change Before You Have To: The Evolution of Care for Neurovascular Disease <b>Aaron S. Dumont, MD, MBA</b>
07:15	Demystifying Myths about Vestibular Schwannoma Surgery: Personal Experience of More than 800 Cases <b>Suresh Nair, MCh</b>	Strengthening International Training - Bringing Residents Online <b>Mojgan Hodaie, MD, MSc</b>	EC-IC Bypass: Why and How? <b>Fady T. Charbel, MD</b>
07:30	Vestibular Schwannoma: Which Treatment Results in the Best Quality of Life? <b>Michael J. Link, MD</b>	How Global Education and Training Can Help Bridge the Gap in Neurosurgery in LMICs? <b>Abdessamad El Ouahabi, MD</b>	Clipping Aneurysms - Lessons I Have Learned after 1000 Operated Aneurysms <b>Ioan Stefan Florian, MD, PhD</b>
07:45	Hearing Restoration in Neurosurgery <b>Amir Samii, MD</b>	Neurosurgical Education in Egypt and Africa <b>Nasser El Ghandour, MD</b>	Aneurysm Surgery <b>Edgardo Spagnuolo, MD</b>
	<b>Session T2A</b> <b>Tumor</b> Moderators: <b>Shabbar F. Danish, MD &amp; James K. Liu, MD</b>	<b>Session T2B</b> <b>Global Neurosurgery</b> Moderators: <b>Ira M. Goldstein, MD &amp; Michael M. Haglund, MD, PhD, MEd</b>	<b>Session T2C</b> <b>Vascular Neurosurgery</b> Moderators: <b>Gaurav Gupta, MD, Priyank Khandelwal, MD &amp; Sudipta Roychowdhury, MD</b>
08:00	Supracerebellar-Infratentorial Approach – 150 Cases <b>Vladimir Benes, Jr, MD, PhD</b>	The Establishment, Development, and Growth of a Neurosurgical Training Program in Yangon, Myanmar <b>Jack P. Rock, MD</b>	AVMs Management: Surgery not ARUBA <b>Philip E. Stieg, PhD, MD</b>

08:15	Tractography as a Tool to Navigate Around Eloquent Pathways <b>Robert M. Friedlander, MD</b>	Use of Intentional Curricula and Goals with Model-Based Simulation for Global Neurosurgery Education <b>Nathan R. Selden, MD, PhD</b>	Surgery of Higher-Grade Brain AVM: Indications and Outcomes <b>Amir R. Dehdashti, MD</b>
08:30	Insula Tumor - Surgical Approach <b>Jose Marcus Rotta, MD</b>	Developing Global Neuroscience Research Capacity <b>P. David Adelson, MD</b>	High-Resolution Vessel Wall Imaging as a Surrogate Biomarker for Unstable Intracranial Aneurysms: Que Vadis??? <b>David M. Hasan, MD</b>
08:45	Liquid Biopsy for Brain Tumors <b>Brian V. Nahed, MD, MSc</b>	Lessons Learned Establishing a Neurosurgery Program in Haiti <b>John Ragheb, MD</b>	Embolization of the Middle Meningeal Artery for the Treatment of Chronic Subdural Hematoma <b>Adam S. Arthur, MD, MPH</b>
<b>Session T3</b> <b>Plenary Session and Peter W. Carmel MD Oration</b> Moderator: <b>Anil Nanda, MD, MPH &amp; Nelson M. Oyesiku, MD, PhD</b>			
09:00	Global Neurosurgery: Ask Not for Whom the Bell Tolls.....		<b>Anil Nanda, MD, MPH</b>
09:15	Peter W. Carmel MD Oration Social Justice, Health Equity and COVID-19 .....		<b>Sir Michael G. Marmot, MBBS, MPH, PhD</b>
09:45	Leadership Development for Neurosurgery Residents .....		<b>Karin Muraszko, MD</b>
10:00	What Has the Neurosurgical Community Learned from the COVID Pandemia?.....		<b>Franco Servadei, MD, PhD</b>
10:15	The Lancet Report: Now What? .....		<b>Nelson M. Oyesiku, MD, PhD</b>
10:30	<b>Break</b>	<b>Exhibits</b>	<b>Zeiss Industry Webinar</b> Use of a Novel Confocal Endomicroscope for Visualizing Tissue Microstructure during Neurosurgical Workflow <b>Drs. Peter Nakaji and Francesco Acerbi</b> <a href="https://rb.gy/mr9wyl">https://rb.gy/mr9wyl</a>
11:00	How Do We Pass on Experience in Neurosurgery? .....		<b>Robert F. Spetzler, MD</b>
11:15	WFNS Global Action Plan for Global Neurosurgery: The Path to Universal Access to Neurosurgical Care .....		<b>Kee B. Park, MD</b>
11:30	Decolonizing Global Surgery .....		<b>Graham Fieggen, BSc, MSc, MBChB, MD</b>
11:45	Carotid Stenosis: Trials & Truths .....		<b>Basant Misra, MS, MCh</b>

	<b>Session T4A Women in Neurosurgery 1</b> Moderators: <b>Gail L. Rousseau, MD &amp; Margaret Pain, MD</b>	<b>Session T4B Global Neurosurgery/Education</b> Moderators: <b>Peter Nakaji, MD &amp; Rachid Assina, MD</b>	<b>Session T4C Neurotrauma</b> Moderators: <b>Mark E. Shaffrey, MD, John L. Gillick, MD &amp; Amit Singla, MD</b>
12:00	Challenges of a Patriarchal Society: Family, Patients and Colleagues <b>Aneela Darbar, MBBS</b>	Citizen Volunteerism Neurosurgery: A Perspective from Nicaragua <b>Peter Nakaji, MD</b>	Neuro Trauma <b>Mark E. Shaffrey, MD</b>
12:15	Working in the Middle East: The Impact of Culture on Medical Practice <b>Debora Garozzo, MD</b>	African Neurosurgery - New Era <b>Najia El Abbadi, MD, PhD</b>	A Molecular Mechanism of TBI and How It Can Be Modulated <b>Charles L. Rosen, MD, PhD</b>
12:30	Important of Mentorship for Women Neurosurgeons <b>Laura Lippa, MD</b>	The Role of the WFNS and the Moroccan Society of Neurosurgery in Emerging African Neurosurgery <b>Abdeslam El Khamlichi, MD</b>	Surgical Alternatives to Decompressive Craniectomy for TBI and Stroke <b>Dhaval Shukla, MCh</b>
12:45	Fogarty International Center and Global Neurosurgery: Career Opportunities <b>Roxanna M. Garcia, MD, MS, MPH</b>	What About the Role of Local Authorities and Contribution of Neurosurgical Societies in Africa <b>Abderrahman Sidi Said, MD</b>	Changing the Care Paradigm for Traumatic Brain Injury in LMICs <b>Anthony Fuller, MD, MScGH</b>
	<b>Session T5A Neuro-Tech</b> Moderators: <b>Alan R. Turtz, MD, James P. Liu, MD &amp; Stephen Johnson, MD</b>	<b>Session T5B Pediatric Neurosurgery</b> Moderators: <b>Richard C. E. Anderson, MD &amp; Margaret Pain, MD</b>	<b>Session T5C Tumor</b> Moderators: <b>Imad Kanaan, MD &amp; P.K. Agarwalla, MD</b>
13:00	Neuroendoscopy: Review and Update <b>Alan R. Turtz, MD</b>	Challenges in Teaching Pediatric Neurosurgery in the Post Pandemic World <b>Nelci Zanon Collange, MD, PhD</b>	The Role of 5D & Wabi-Sabi Concept in the Management of Central Skull Base Meningiomas <b>Imad Kanaan, MD</b>
13:15	High Definition 3D Exoscope for Heads-Up Surgery: Significance in Surgical Education <b>Isao Date, MD, PhD</b>	Addressing Gaps in Pediatric Neurosurgical Care in Southeast Asia through Collaboration <b>Philipp R. Aldana, MD</b>	En Plaque Sphenoid Wing Meningiomas <b>Carl B. Heilman, MD</b>
13:30	Postoperative Outcomes Following Glioblastoma Resection Using a Robot-Assisted Digital Surgical Exoscope <b>Constantinos G. Hadjipanayis, MD, PhD</b>	Guardians of the Pediatric Spine: Where Have We Been and Where Are We Going? <b>Richard C. E. Anderson, MD</b>	Parasagittal Meningiomas: Simpson Grade of Resection Rate. As Series of Cases from a University Hospital <b>Apio Antunes, MD, MSc, MPH</b>
13:45	<b>Break/Exhibits</b>		

	<b>Session T6A Women in Neurosurgery 2</b> Moderators: <b>Gail L. Rosseau, MD &amp; Najia El Abbadi, MD, PhD</b>		<b>Session T6B Stereotactic &amp; Functional</b> Moderators: <b>Shabbar F. Danish, MD &amp; Stephen Johnson, MD</b>	<b>Session T6C Pragmatic Neurosurgery</b> Moderators: <b>Otakar R. Hubschmann, MD &amp; Michael Schulder, MD</b>
14:00	The Glass Ceiling in European Neurosurgery and Initiatives to Break It <b>Silvia Hernandez-Duran, MD</b>	14:00	Treatment of Medically Intractable Epilepsy: A Global Perspective <b>Warren W. Boling, Jr, MD</b>	Being Aware - Situational Awareness and Its Importance in Safety and Quality Assurance in Neurosurgery <b>Keki Turel, MBBS, MS</b>
14:12	The Empowerment of Diversity: Neurosurgery's Future <b>Deborah L. Benzil, MD</b>	14:15	The Shortest Distance Between Two Points: Curved Trajectories and the Future of Stereotactic Neurosurgery <b>Joseph S. Neimat, MD, MS</b>	The Neurosurgeon and Nerves: A Global View <b>Eric L. Zager, MD</b>
14:24	African Women in Global Surgery: Beyond the Numbers <b>Salome Maswime, MMed, PhD</b>	14:30	The Persistent Problem of Placebo Effect and Observer Bias in Functional Neurosurgery <b>Ron L. Alterman, MD</b>	The Road to Character <b>Patrick A. Roth, MD, MHA</b>
14:46	European Outreach in Global Neurosurgery <b>Saniya Mediratta, MBBS</b>	14:45	Trigeminal Neuralgia: One Size Do Not Fit All <b>Giovanni Broggi, MD</b>	Cognitive Dominance: A Brain Surgeon's Quest to Out-Think Fear <b>Mark R. McLaughlin, MD</b>
14:48	Global Neurosurgery for Residents <b>Rebecca A. Reynolds, MD</b>			
	<b>Session T7A Neuro-Tech</b> Moderators: <b>Neil R. Malhotra, MD, P.K. Agarwalla, MD &amp; Shabbar F. Danish, MD</b>		<b>Session T7B David and Lya Neumann Saint Barnabas Medical Center Resident and Medical Student Forum</b> Moderators: <b>John L. Gillick, MD, Stephen Johnson, MD &amp; Ernest J. Barthelemy, MD, MA, MPH</b>	<b>Session T7C Global Neurosurgery</b> Moderator: <b>James M. Ecklund, MD</b>
15:00	Leveraging the EHR to Enhance Patient Outcomes <b>Neil R. Malhotra, MD</b>		Policy and Advocacy Work in Global Neurosurgery <b>Ernest J. Barthelemy, MD, MA, MPH</b>	Global Military Neurosurgery <b>James M. Ecklund, MD</b>
15:15	Rethinking Intraoperative MRI <b>Michael Schulder, MD</b>		Advances in Minimally Invasive Strategies for Complex Spinal Deformity <b>Ibrahim Hussain, MD</b>	Surgeons as Leaders <b>Asif Bashir, MD</b>

15:30	Augmented Reality in Neurosurgery <b>Osamah Choudhry, MD</b>	Endoscopic Applications and Advances in Global Neurosurgery <b>Kerry Vaughan, MD</b>	Future Perspectives on the Research Needs of Young Neurosurgeons <b>Ignatius N. Esene, MD, MSc, PhD, MPH</b>
15:45	Augmented Safety in Cranial Neurosurgery: Pre- and Per-Operative Visualization <b>Y. Sukru Caglar, MD</b>	Clinical Experiences in Global Neurosurgery <b>Jacob Lepard, MD</b>	New Developments in the Understanding of the CSF <b>Miroslav Vukic, MD, PhD</b>
<b>Agenda</b>			
<b>Friday, September 11, 2020</b>			
06:30	<b>Exhibits</b>		
06:50	Overview of the Day, Administrative Issues		
	<b>Session F1A Cervical Spine</b> Moderators: <b>Regis W. Haid, Jr, MD &amp; Joseph M. Koziol, MD</b>	<b>Session F1B Global Neurosurgery/Education</b> Moderators: <b>Gail L. Rosseau, MD &amp; Aaron A. Cohen-Gadol, MD</b>	<b>Session F1C Vascular Neurosurgery</b> Moderators: <b>Sudipta Roychowdhury, MD, Gaurav Gupta, MD &amp; Priyank Khandelwal, MD</b>
07:00	Changing Concepts in Spinal and Craniovertebral Instability <b>Atul Goel, MBBS, MCh</b>	Intraoperative Decision Making and the Role of the Neurosurgical Atlas in Global Education <b>Aaron A. Cohen-Gadol, MD</b>	New Innovations in Flow Diversion <b>Henry H. Woo, MD</b>
07:15	Ventral Approach to a Cervicothoracic Junction: Surgical Planning and Technique <b>Asdrubal Falavigna, MD, PhD</b>	The Challenges of Global Neurosurgery Programs in Mixed Healthcare Systems <b>Rashid Jooma, MBBS</b>	Transitioning an Established Neurointerventional System from Femoral Access to Radial Access <b>Christopher M. Storey, MD, PhD</b>
07:30	What is the Time and Place for Stand-Alone Devices for ACD's? <b>Jack J. Knightly, MD</b>	Practicing Neurosurgery in Sub Saharan Africa from a Young Neurosurgeon's Perspective <b>Claire Karekezi, MD</b>	Current Outcomes of Combined Endovascular and Operative Management of Unruptured Intracranial Aneurysms <b>Christopher S. Ogilvy, MD</b>
07:45	Quantitative Correction of Atlantoaxial Dislocation <b>Fengzeng Jian, MD</b>	Global Neurosurgery Education: Indian Perspective <b>Indira Devi Bhagavatula , MBBS, MS, MCh</b>	Hybrid Surgery of Complicated Cerebrovascular Diseases <b>Yuan-Li Zhao, MD</b>

	<b>Session F2A Thoracolumbar Spine</b> Moderators: <b>Michael Y. Wang, MD &amp; John L. Gillick, MD,</b>	<b>Session F2B Global Neurosurgery</b> Moderators: <b>Kenan Arnautovic, MD, PhD &amp; Otakar R. Hubschmann, MD</b>	<b>Session F2C Global Neurosurgery</b> Moderators: <b>Jesus Lafuente, MD, PhD &amp; Walter D. Johnson, MD, MBA, MPH</b>
08:00	Fundamentals in Treatment of Spinal Deformity <b>John K. Ratliff, MD</b>	My Homeland Bosnia, My American Dream, My Passion for World Neurosurgery <b>Kenan Arnautovic, MD, PhD</b>	Global Neurosurgery from the WHO Perspective <b>Walter D. Johnson, MD, MBA, MPH</b>
08:15	Minimally Invasive Spinal Deformity Surgery (MISDEF-2) <b>Praveen V. Mummaneni, MD</b>	Ethical Approach to Global Neurosurgical Problems: The Bells are Ringing! <b>Ahmed Ammar, MBChB, DMSc</b>	Humanitarian initiatives: Role in Neurosurgical Development in Sub Saharan Africa <b>Mubashir Mahmood Qureshi, MBBS, MMed</b>
08:30	Anterior Column Resection (ACR) for MIS Spinal Deformity Correction <b>Michael Y. Wang, MD</b>	Current Status of Neurosurgical Care Systems in Colombia <b>Enrique Osorio-Fonseca, MD Andres M. Rubiano, MD, PhD</b>	Return to Simple Skull Base Surgery in Petroclival Meningioma <b>Jie Tang, MD</b>
08:45	Robotic Spine Surgery <b>Mohamad Bydon, MD</b>	Bolivia: Global Neurosurgery Meets Local Reality: "Bridging the Gap" <b>Richard P. Moser, MD</b>	Different Models of Cooperation in Neurosurgery <b>Jesus Lafuente, MD, PhD</b>
<b>Session F3 Plenary Session</b> Moderator: <b>Amir Samii, MD &amp; Anil Nanda, MD, MPH</b>			
09:00	How to Implement Global Neurosurgery into Future Resident Training Programs .....		<b>Andre Grotenhuis, MD, PhD</b>
09:15	Developing a Global Neurosurgery Program: A Focus on Twinning, Technology, Training, and Research .....		<b>Michael M. Haglund, MD, PhD, MEd</b>
09:30	The Digital Phenotype .....		<b>Timothy R. Smith, MD, PhD, MPH</b>
09:45	Present Status and Evolving Neurosurgical Programs and Facilities in Haiti .....		<b>Barth A. Green, MD</b>
10:00	Innovations in Brain Tumor Surgery in Precision Medicine Era .....		<b>Steven N. Kalkanis, MD</b>
10:15	Registry Based Clinical Research that Could be Done Around The Globe .....		<b>Robert E. Harbaugh, MD</b>
10:30	<b>Break</b>	<b>Exhibits</b>	<b>Globus Medical Industry Webinar</b>
11:00	Canada-Ukraine Pediatric Specialty Fellowship Program: Doing More with Less .....		<b>James T. Rutka, MD, PhD</b>
11:15	Neurosurgical Work Force Distribution: The Unmet Need in Asia and the Americas .....		<b>Robert J. Dempsey, MD</b>
11:30	Dysphagia after Anterior Cervical Spine Surgery .....		<b>Regis W. Haid, Jr, MD</b>
11:45	Surgery for Brainstem Cavernomas: Anatomy, Strategies and Video Examples .....		<b>Jacques J. Morcos, MD</b>

	<b>Session F4A General</b> Moderators: <b>Oliver Bozinov, MD, James P. Liu, MD &amp; Hai Sun, MD, PhD</b>	<b>Session F4B Infection</b> Moderators: <b>Ann R. Stroink, MD, CPE &amp; Richard Menger, MD, MPA</b>	<b>Session F4C Pediatric Neurosurgery</b> Moderator: <b>Margaret Pain, MD</b>
12:00	Anatomy of Great Posterior Radiculomedullary Artery <b>Victor Hugo Perez, MD</b>	The Bacterial and Viral Complexity of Postinfectious Hydrocephalus in Uganda <b>Steve J. Schiff, MD, PhD</b>	Pediatric Neurosurgery in an Austere Environment: From Iraq to Uganda <b>Gerald A. Grant, MD</b>
12:15	Management of Cavernous Sinus Lesions <b>Manmohan Singh, MBBS, MS, MCh</b>	Neurosurgical Training lessons from Ireland <b>Ciaran Bolger, MD</b>	Pediatric Neurosurgery in Mongolia <b>Saadi Ghatan, MD</b>
12:30	Is There a Safe Entry into the Brainstem? <b>Oliver Bozinov, MD</b>	Deployed: Neurosurgical Manifestations of COVID-19 in an Intensive Care Unit During a Pandemic <b>Richard Menger, MD, MPA</b>	The Treatment of Childhood Hydrocephalus and Shunt Problems <b>Arno H. Fried, MD</b>
12:45	Surgical Tactic of Brainstem Cavernous Angioma <b>Eka J. Wahjoepramono, MD, PhD</b>	Legislative Update during COVID-19 Recovery: National and Global Implications <b>Ann R. Stroink, MD, CPE</b>	Simplicity in Neurosurgery <b>Aaron A. Cohen-Gadol, MD</b>
	<b>Session F5A Tumor</b> Moderators: <b>Michael Schulder, MD &amp; Shabbar F. Danish, MD</b>	<b>Session F5B Pediatric Neurosurgery</b> Moderators: <b>Philipp R. Aldana, MD, Margaret Pain, MD &amp; Chandrashekhar E. Deopujari, MBBS, MS, MCh, MSc</b>	<b>Session F5C Spinal Injury</b> Moderators: <b>Shekar N. Kurpad, MD, PhD, Ernanai Sadural, MD &amp; Stephen Johnson, MD</b>
13:00	Problems and Opportunities in Pituitary Surgery: Enhancing Excellence in an Evolving, Unpredictable World <b>Ian E. McCutcheon, MD</b>	Craniofacial Surgery in Peru <b>Christopher M. Bonfield, MD</b>	The Case for Expansion Duraplasty in Spinal Cord Injury <b>Craig H. Rabb, MD</b>
13:15	First-in-Human Intraoperative MRI Coil for High Resolution Imaging during Transsphenoidal Surgery <b>Prashant Chittiboina, MD, MPH</b>	Pediatric High-Grade Gliomas <b>Lissa C. Baird, MD</b>	New Treatments for Spinal Cord Injury <b>Ann M. Parr, MD, PhD</b>
13:30	Endoscopic Transsphenoidal Pituitary Surgery: Techniques, Tricks, and Pitfalls <b>David S. Baskin, MD</b>	Role of Endonasal Skullbase Surgery in Children <b>Chandrashekhar E. Deopujari, MBBS, MS, MCh, MSc</b>	Update on SCI Trials <b>James S. Harrop, MD</b>
13:45	<b>Break/Exhibits</b>		

	<b>Session F6A Vascular</b> Moderators: <b>Amit Singla, MD &amp; Gregory J. Zipfel, MD</b>	<b>Session F6B Global Neurosurgery</b> Moderators: <b>Kiwon Lee, MD &amp; Hai Sun, MD, PhD</b>	<b>Session F6C Spine</b> Moderators: <b>John L. Gillick, MD &amp; Joseph M. Koziol, MD</b>
14:00	Value of the Hybrid Operating Room for Combined Open and Endovascular Procedures: Perspectives from a Hybrid Cerebrovascular Neurosurgeon <b>Christoph J. Griessenauer, MD</b>	Training and Evaluations of Microsurgical Skills <b>Akio Morita, MD, PhD</b>	MISS Approaches for Intradural Extramedullary Tumors <b>Claudio G. Yampolsky, MD</b>
14:15	Endovascular Treatment of Brain Aneurysms <b>Robert H. Rosenwasser, MD, MBA</b>	Intensive Care Management from a Global Perspective <b>Kiwon Lee, MD</b>	Spine Arthroplasty: State of the Art <b>Domagoj Coric, MD</b>
14:30	Innovative Advances in Aneurysm Treatment: Nuances of Clinical Decision Making <b>Elad L. Levy, MD, MBA</b>	WFNS Foundation: A 30 Year Journey <b>Miguel A. Arraez, MD, PhD</b>	Tuberculosis of the Spine - An Update <b>John R. Ouma, MB, ChB, MMed</b>
14:45	Consortium for Dural Arteriovenous Fistula Outcomes Research (CONDOR) <b>Gregory J. Zipfel, MD</b>	Interesting Cases in the Skull Base/ Cerebrovascular Microsurgery/Endovascular Era: A Global Perspective <b>Ketan R. Bulsara, MD, MBA</b>	Anterior Column Release for the Correction of Sagittal Imbalance <b>Rishi K. Wadhwa, MD</b>
	<b>Session F7A David and Lya Neumann Saint Barnabas Medical Center Resident and Medical Student Forum</b> Moderators: <b>Hai Sun, MD, PhD, Michael S. Rallo, BS &amp; Ernest J. Barthelemy, MD, MA, MPH</b>	<b>Session F7B David and Lya Neumann Saint Barnabas Medical Center Resident and Medical Student Forum</b> Moderators: <b>Ira M. Goldstein, MD, Nicole Silva, MD &amp; Rosemary Behmer Hansen, MA, MPH</b>	<b>Session F7C David and Lya Neumann Saint Barnabas Medical Center Resident and Medical Student Forum</b> Moderators: <b>Otakar R. Hubschmann, MD, Bharath Raju, MBBS, MCh &amp; Elizabeth Ginalis, MD</b>
15:00	The Impact of COVID-19 on Elective Neurosurgical Operations: Lessons Learned from a Single Institution in Turkey During a Global Pandemic <b>Hasan R. Syed</b>	African Neurosurgery Research (Part I): Hierarchy of Scientific Evidence and Thematic Analysis <b>Yvan Zolo</b>	Modulating Inhibitory Action Control with STN Stimulation <b>Nelleke van Wouwe</b>
15:10	Differential Associations between Surgical Intervention and Traumatic Brain Injury Outcomes at a Tertiary Care Hospital in Uganda <b>Charis Spears</b>	Head Trauma in Ethiopia: Causes and Surgery Outcomes <b>Morten Lund-Johansen</b>	Magnetic Resonance-Guided Laser-Induced Thermal Therapy for Lesions in the Posterior Fossa: A Single Center Study <b>Omar Ashraf</b>



15:20	The Role of Glioma Characteristics in Predicting Extent of Resection <b>Seyed Amir Javadi</b>	From Sympathy to Empathy: Neurotrauma Outcome Study from the World's Worst War Zone <b>Nida Fatima</b>	A Geometrical Calculus-Based Approach to Thermal Damage Estimate Volume Characterization in Magnetic-Resonance Guided Laser Interstitial Thermal Therapy <b>Allison Liang</b>
15:30	Role of Hemopexin in Secondary Damage after Spinal Cord Injury <b>Kishan Patel</b>	Learning Microsurgical Vascular Anastomosis: Comparison of Distributed and Mass Practice Protocols <b>Ali Tayebi Meybodi</b>	Economic Impact and Outcome of Pediatric Traumatic Brain Injury: A Global Neurosurgery Perspective from a Single Government Center in Malaysia <b>Radzi Hamzah</b>
15:40	Minimal Important Change in Patient-Reported Outcome Measures after Surgery for Degenerative Cervical Myelopathy <b>Christer Mjaset</b>	C-reactive Protein in Patients with Fusiform Intracranial Aneurysms: A Case-Control Study <b>Joao Paulo Telles</b>	Pediatric Traumatic Brain Injury Cases in Northern India: The Unique Challenges, Profile and Outcomes of Neurotrauma in Developing Countries <b>Ahmad Ozair</b>
15:50	Effects of Perioperative Magnesium Sulfate Infusion on Intraoperative Blood loss and Postoperative Analgesia in Patients Undergoing Posterior Lumbar Spinal Fusion Surgery: A RCT <b>Saeed Oraee Yazdani</b>	Torque Teno Virus (TTV) Infection as Potential influence in Intracranial Aneurysm Formation <b>Nicollas Rabelo</b>	Late Referral of Lumbosacral Myelomeningocele Cases: A Call for Better Collaboration between Neurosurgeons and Primary Care Practitioners <b>Rizki Meizikri</b>
	<b>Session F8A</b> <b>David and Lya Neumann Saint Barnabas Medical Center Resident and Medical Student Forum</b> Moderators: <b>Hai Sun, MD, PhD, Michael S. Rallo, BS &amp; Ernest J. Barthelemy, MD, MA, MPH</b>	<b>Session F8B</b> <b>David and Lya Neumann Saint Barnabas Medical Center Resident and Medical Student Forum</b> Moderators: <b>Ira M. Goldstein, MD, Nicole Silva, MD &amp; Rosemary Behmer Hansen, MA, MPH</b>	<b>Session F8C</b> <b>David and Lya Neumann Saint Barnabas Medical Center Resident and Medical Student Forum</b> Moderators: <b>Otakar R. Hubschmann, MD, Bharath Raju, MBBS, MCh &amp; Elizabeth Ginalis, MD</b>
16:00	Women Neurosurgeons Around the World: A Systematic Review <b>Tina Lulla</b>	A Prospective Randomized Study of the Safety and Efficacy of TLIF Vs PLIF in the Treatment of Lumbar Spondylolisthesis: An Egyptian Economic Experience <b>Mohamed A.R. Soliman</b>	The Initial Experience of InterSurgeon: An Online Platform to Facilitate Global Neurosurgical Partnerships <b>Jacob R. Lepard</b>
16:10	National Neurotrauma Databases in Low- and Middle-Income Countries: A Review of the Literature <b>Rebecca Baron</b>	Olfactory Groove Meningioma: A Surgical Experience of 135 Cases <b>Sumeet Sasane</b>	A Novel Classification of White Fibers of the Brain and Its Surgical Implications: Deciphering The Neural Code <b>Abhidha Shah</b>

16:20	Boda Bodas and Road Traffic Injuries in Uganda: An Overview of Traffic Safety Trends from 2009 to 2017 <b>Austin Feng</b>	Endoscopic Endonasal Pituitary Adenoma Resection: 90-day Outcomes, Complications and Re-Admissions <b>Jai Deep Thakur</b>	Novel Technique of Middle Meningeal Artery Coagulation, Followed by Excision Both Outer and Inner Membrane (Multiple Slitting and Hydrodissection) to Prevent Recurrence in Chronic Subdural Hematoma in Resource Limited Settings <b>Hardik Lalit Siroya</b>
16:30	Understanding the Macroeconomics of Spinal Fusion Utilization Rates in the United States from 2015 to 2040 <b>Piyush Kalakoti</b>	Prehospital Policy Recommendations for Management of Spina Bifida and Hydrocephalus in Low and Middle Income Countries <b>Marcelle Altshuler</b>	Enhancing Surgical Care for Complex Epilepsy in Ukraine: An International Collaboration Through the “Co-Pilot Project” <b>Luke Tomycz</b>
16:40	Comparison of surgical versus Intradiscal Ozone Treatment of Sciatica Due to Lumbar Disc Herniation <b>Noor ul Huda Maria</b>	Quality Analysis of Management of Intraventricular Hemorrhage <b>Sonora Andromeda Windermere</b>	Cranioplasty Using Low Cost Customized Titanium Implant: International Collaboration Effort to Improve Neurosurgical Care <b>Trong Huynh</b>
16:50	Clinical Profile and Treatment Outcomes of Patients with Obstructive Hydrocephalus Treated with VPS, ETV, AND ETV/CPC: Experience of a Tertiary Government Hospital in a Middle Income Country <b>Dexter A. Dimaano</b>	Endoscopic Third Ventriculostomy in Tuberculous Meningitis with Hydrocephalus <b>Rohadi Muhammad Rosyidi</b>	The Burden of Direct Medical Expenditures for Epilepsy Care Among Congolese Patients: A Single-Center Study <b>Dawin Sichimba</b>

## Agenda

### Saturday, September 12, 2020

06:30	<b>Exhibits</b>
06:50	Overview of the Day, Administrative Issues
	<b>Session S1A Association of Neurosurgical Physician Assistants (ANSPA) Moderator: Alice Edwards, PA-C</b>
07:00	Welcome and Opening Remarks ..... <b>Alice Edwards, PA-C</b>
07:10	Management of Epilepsy in Neurosurgery ..... <b>Fedor E. Panov, MD</b>
08:00	APP's & the Evaluation of Axial Back Pain ..... <b>Michael Y. Wang, MD</b>
08:50	Pediatric Spinal Surgery ..... <b>Margaret Pain, MD</b>
09:45	Neurosurgery and Social Media ..... <b>Leslie C. Schlachter, PA-C</b>
10:15	Management of Recurrent Craniopharyngioma ..... <b>Andrew Kaye, MBBS, MD</b>
10:30	COVID-19 Stressors: A Team Approach ..... <b>Edward C. Benzel, MD</b>
10:45	Pediatric Cranial Surgery ..... <b>Christina Notarianni, MD</b>
11:40	ANSPA 2020 Neurosurgery Physician Assistant Compensation Report & Needs Assessment ..... <b>ANSPA Leadership</b>
	<b>Session S1B Peripheral Nerves Moderators: Lukas Rasulic, MD, PhD &amp; Dhaval Shukla, MCh</b>
07:00	Update on Decompressive Craniectomy ..... <b>Jamie S. Ullman, MD</b>
07:15	Peripheral Nerve Surgery: Think Global Act Local - Privilege of Service ..... <b>Lukas Rasulic, MD, PhD</b>
07:30	Surgical Management of Brachial Plexus Injury ..... <b>Pavel Haninec, MD</b>
07:45	Meralgia Paresthetica between Myth and Reality ..... <b>Amgad S. Hanna, MD</b>
	<b>Session S1C General Moderator: Dwarakanath Srinivas, MS, MCh, Hai Sun, MD, PhD &amp; Stephen Johnson, MD</b>
08:00	Chiari Malformations..... <b>David D. Limbrick, Jr, MD, PhD</b>
08:15	Anterior and Anterolateral Foramen Magnum Meningiomas: "Tailored" Far Lateral Approach and Importance of Structural Integrity of the Occipital Condyle ..... <b>Dwarakanath Srinivas, MS, MCh</b>
08:30	Management Strategies for Chordoma: Role of Endoscopic Techniques – Have Them Made a Difference in Patient Outcomes ..... <b>Fred Gentili, MD</b>
08:45	Clinical Trials and Global Neurosurgery..... <b>Frederick G. Barker, II, MD</b>
8:00 – 11:00	<b>Session S2 WFNS Executive Council</b>
	<b>Session S3 Global Neurosurgery Moderator: Anil Nanda, MD, MPH &amp; E. Sander Connolly, Jr, MD</b>
10:00	Management of Facial Nerve in Neurosurgery ..... <b>Majid Samii, MD</b>
10:15	Management of Recurrent Craniopharyngioma ..... <b>Andrew Kaye, MBBS, MD</b>

10:30	COVID-19 Stressors: A Team Approach ..... <b>Edward C. Benzel, MD</b>
10:45	AANS and Response to Global COVID-19 Pandemic..... <b>John A. Wilson, MD</b>
11:00	Hemicraniectomy for Ischemic and Hemorrhagic Stroke: Data, Dogma and Discussion ..... <b>E. Sander Connolly, Jr, MD</b>
11:15	Regenerative Clinical Trials in Spinal Cord Injury: Rationale and Current State ..... <b>Shekar N. Kurpad, MD, PhD</b>
11:30	<b><i>Break/Exhibits</i></b>
12:00	Is It Possible to Provide Low Cost Neurosurgical Technology for Low Resource Settings? A Literature Review and Perspectives ..... <b>Francesco Tomasello, MD</b>
12:15	The Nuances of Awake Craniotomy for Glioma Resection: Experience with over 1500 Awake Surgeries ..... <b>Mitchel S. Berger, MD</b>
12:30	Bypass Surgery for Cerebrovascular Lesions ..... <b>Ying Mao, MD, PhD</b>
12:45	Barriers to the Diagnosis and Management of Pediatric Brain Tumors in Global Neurosurgery ..... <b>Frederick G. Boop, MD</b>