

**6<sup>th</sup>**  
Annual  
Meeting  
of the SSG

# Leading the Paradigm Shift in Cranial Surgery

**EVIDENCE • EMERGING TECHNOLOGIES • ECONOMICS**

July 26 - 27, 2019 | St Julien Hotel | Boulder, CO



**What's possible  
using today's technologies  
in modern neurosurgery?**

**Improved Clinical & Economic Outcomes**

LESS DEFICITS • REDUCED LOS • SHORTER SURGERY TIMES



**SUBCORTICAL  
SURGERY GROUP**

- 7:15 a.m. **REGISTRATION, EXHIBIT VIEWING & BREAKFAST** 

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- 8:00 a.m. **Welcome, Mission & Progress of the SSG**  
Julian Bailes, MD: NorthShore University HealthSystem
- 8:15 a.m. **The Human Connectome: What we have learned, how to reorganize and rebuild it, and moving past the limited idea of eloquence**  
Michael Sughrue, MD: Prince of Wales Hospital
- 9:15 a.m. **Targeting Primary Tumors & Metastases**
- Maximal and Safe GTR of Primary Brain Tumors in Eloquent Locations**  
Kaisorn Chaichana, MD: Mayo Clinic
- 9:45 a.m. **BREAK WITH EXHIBITORS** 

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- 10:05 a.m. **Improving Sampling Error & Tissue Yield in Brain Biopsy**  
Rohan Ramakrishna, MD: Weill Cornell Medicine
- Advancing Care through Molecular Profiling & Targeted Therapy in Management of Brain Metastases**  
Manmeet Ahluwalia, MD: Cleveland Clinic
- Intraoperative DTI White Matter Tractography for MIPS & Other Procedures - Adjusting for Shift**  
Michael Chicoine, MD: Washington University School of Medicine
- Pediatric Application of MIPS**  
Erin Kiehna, MD: Novant Health
- Awake Craniotomies – Tips & Techniques**  
Ronald Young II, MD: Delray Medical Center
- 11:30 a.m. **Collaboration Corner**
- Audience Poll & Picking Future Collaboration Corner Topics**  
Justin Singer, MD: Spectrum Health
- 11:45 a.m. **LUNCH WITH EXHIBITORS** 

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- 12:25 p.m. **The Invisible Anatomy**  
Amin Kassam, MD: Aurora
- 1:10 p.m. **Vascular Abnormalities**
- ICH Randomized Controlled Trials Past & Present - MISTIE, ENRICH and MIND**  
Brian Jankowitz, MD: UPMC Presbyterian
- MIPS Vs Endoscopic ICH - What's Best? Are Both Approaches Valid?**  
Gabriel Zada, MD: Keck Medicine of USC  
Christopher Kellner, MD: Mount Sinai
- MIPS in High Grade Intraventricular Hemorrhage**  
Jeroen Coppens, MD: St. Louis University
- 2:25 p.m. **BREAK WITH EXHIBITORS** 

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- 2:45 p.m. **Complications, Challenges & Learning Curve of MIPS - What Can Go Wrong?**  
Moderator - Zachary Litvack, MD, MCR, FAANS, FACS: Swedish Neuroscience Institute
- 3:35 p.m. **Our Evolution in MIPS from 0 to 50 Cases - ICH to Tumor, Lessons Learned & Beyond**  
Nicolas Kon Kam King, FRCSEd(SN), PhD: National Neuroscience Institute
- 4:00 p.m. **Day 1 Wrap-Up**  
Julian Bailes, MD: NorthShore University HealthSystem
- 5:00 p.m. – 7:00 p.m. **WELCOME RECEPTION**  
Red Garden Terrace, St Julien Hotel

## Saturday, July 27

- 7:15 a.m. **BREAKFAST & EXHIBIT VIEWING** 

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- 8:00 a.m. **Fiber Tracts: Facts, Myths, and Surgical Innovation**  
Juan Fernandez-Miranda, MD: Stanford
- 8:30 a.m. **Value-Based Neurosurgery**  
Won Kim, MD: UCLA
- 8:50 a.m. **Technology & Its Adjunct Role in Corridor Surgery**  
**Simultaneous Superposition of the Ultraviolet Fluorescence with the White Light for Bright Detection of 5-ALA in Brain Tumors**  
Cleopatra Charalampaki, MD: Cologne Medical Center  
**Fluorescence Guided Resection of Malignant Gliomas**  
Shewn Hervey-Jumper, MD: UCSF  
**Stimulated Raman Histology**  
Daniel Orringer, MD: New York University
- 9:50 a.m. **BREAK WITH EXHIBITORS** 

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- 10:10 a.m. **Cellular Imaging in Brain & Spinal Tumor Surgery - Is this Possible?**  
Cleopatra Charalampaki, MD: Cologne Medical Center  
**Laser Interstitial Thermal Therapy**  
Gene Barnett, MD, FAANS, FACS: Cleveland Clinic  
**Augmented Reality**  
Sunit Das, MD, PhD: University of Toronto  
**Artificial Intelligence & Its Role in Early Patient Identification**  
Chris Mansi, MD: VIZ.ai  
**Disruptive New Technology in Imaging**  
Sebastian Koga, MD: Ochsner Neuroscience Institute, New Orleans, University of Queensland (AU)
- 11:45 a.m. **Announcement of Research Grant Winners**  
Zachary Litvack, MD, MCR, FAANS, FACS: Swedish Neuroscience Institute
- 12:00 p.m. **Wrap-up, Questions & Conclusion**  
Julian Bailes, MD: NorthShore University HealthSystem



Click the button or scan the QR code to Register  
*No cost for neurosurgeons to attend*



For questions, contact:  
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