

BRAINWAVES 2024

COLUMBIA NEUROSURGERY PRACTICE UPDATE IN THE HAMPTONS

Join us this Fall in the Hamptons for a CME course showcasing the latest in cranial and spinal neurosurgery

DEPARTMENT CHAIR:



E. Sander Connolly, MD

Byron Stookey Professor of Neurological Surgery
Director, Cerebrovascular Research Laboratory
Surgical Director, Neuro-Intensive Care Unit
Neurosurgeon-in-Chief, Columbia University Irving Medical Center

COURSE DIRECTORS:



Dean Chou, MD

Chief of the Spine Division, Professor and Vice Chair of
Neurological Surgery at the Columbia University Vagelos
College of Physicians and Surgeons



Sean Lavine, MD

Chief of the Cerebrovascular Division and
Professor of Neurosurgery
Director of Neuroendovascular Services at
Columbia University Irving Medical Center



Raymond F. Sekula Jr., MD, MBA

Professor of Neurosurgery
Director of Cranial Nerve Disorder Center at
Columbia University Irving Medical Center

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Special guest speakers



Carl Heilman, MD

Neurosurgeon-in-Chief and Chair
Department of Neurosurgery
Tufts Medical Center
Chair and Professor
Tufts University School of Medicine



Christopher Shaffrey, MD

Professor of Neurosurgery
Professor of Orthopaedics
Chief, Duke Spine
Duke University School of Medicine

ACCOMMODATIONS



**Gurney's Montauk Resort and
Seawater Spa**
290 Old Montauk Hwy,
Montauk, NY 11954
1-631-668-2345

Practice Update in the Hamptons Program Agenda

Wednesday, September 18th, 2024

1:00- 1:30PM *Registration*

TUMORS, SKULL BASE, EPILEPSY, HYDROCEPHALUS

1:30pm	Welcome and Opening Remarks	Sander Connolly, MD
1:35	Pre-Test	Chou/Lavine/Sekula
1:45	Treatment of 1,500 Cerebellar Pontine Angle Tumors Over the Last 25 Years	Michael Sisti, MD
2:05	Skull Base Surgery: The Future May Surprise You	Raymond Sekula, MD
2:25	Update on Endoscopic Endonasal Management of Pituitary and Skull base tumor	Brett Youngerman, MD
2:45	The Evolution of Strategies to Improve Patient Outcomes in Glioma and Epilepsy Surgery	Guy McKhann, MD, PHD
3:05	<i>Coffee Break</i>	
3:35	Surgical Treatment of Third Ventricle Tumors	Jeffrey Bruce, MD
3:55	Innovation and Development of a Novel, Minimally Invasive, Percutaneous Procedure for Hydrocephalus	Carl Heilman, MD
4:25	Laser Interstitial Thermal Therapy for the Management of Brain Tumors – Indications and Surgical Considerations	Brian Gill, MD
4:45	Interventional Neuro-Oncology	Alexander Ramos, MD
5:05	Discussion with Questions and Answers	Chou/Lavine/Sekula
5:15	Case Discussion	
5:45	<i>Adjourn</i>	
6:00- 7:30	<i>Welcome Reception</i>	



Practice Update in the Hamptons Program Agenda

Thursday, September 19th, 2024

7:30AM *Continental Breakfast*

PEDIATRIC SPINE, SCOLIOSIS, CSF

8:00am	Introduction / Course Remarks	Chou/Lavine/Sekula
8:05	Complex Spinal Dysraphism, Know Your Limitations	Neil Feldstein, MD
8:25	Management of Adolescent Idiopathic Scoliosis for the Pediatric Neurosurgeon	Taemin Oh, MD
8:45	Adult Idiopathic Scoliosis: Treatment Considerations	Christopher Shaffrey, MD
9:15	Sagittal and Coronal Alignment: Where Do We Stand	Peter Angevine, MD
9:35	<i>Coffee break</i>	
10:05	Minimally Invasive Spine Surgery: Who Else Can Benefit?	Andrew Chan, MD
10:25	Minimally Invasive Scoliosis Surgery: Realities and Limitations	Dean Chou, MD
10:45	CSF Related Concerns During Spine Surgery: Pearls and Pitfalls	Christopher Mandigo, MD
11:05	Treatment of Intracranial Hypotension Due to Spontaneous Spinal CSF Leaks and CSF to Venous Fistulas	Carl Heilman, MD
11:35	Cases/ Discussion / Questions and Answers	Chou/Lavine/Sekula
12:00p	<i>Adjourn</i>	
6:30pm	<i>Dinner</i>	



Practice Update in the Hamptons Program Agenda

Friday, September 20th, 2024

7:30AM *Continental Breakfast*

SPINE TUMOR AND COMPLICATIONS, PAIN, CEREBROVASCULAR, FUNCTIONAL

8:00am	Introduction / Course Remarks	Chou/Lavine/Sekula
8:05	Evaluation and Management of Spinal Metastatic Disease	Justin Neira, MD
8:25	Current Management Strategies and Techniques For Intradural Spinal Tumors	Paul McCormick, MD
8:45	Complex Spine Surgery: Lessons Learned	Christopher Shaffrey, MD
9:15	An Update on Neurosurgical Pain Management	Christopher Winfree, MD
9:35	<i>Coffee Break</i>	
10:05	Open CV Surgery in an Endovascular Age	E. Sander Connolly, MD
10:25	Update on Technological Advancements in Endovascular Neurosurgery	Sean Lavine, MD
10:45	Update on the Role of Mechanical Thrombectomy Stroke	Grace Mandigo, MD
11:05	Surgical Management of Movement Disorders	Gordon Baltuch, MD, PHD
11:25	Cases/ Discussion / Questions and Answers	Chou/Lavine/Sekula
11:40	Post Test	Chou/Lavine/Sekula
12:00pm	<i>Adjourn</i>	

