

**Chicago Review Course in Neurosurgery  
January 25 – February 4, 2018**

**AGENDA**

**Thursday, January 25, 2018 –**

<b>6:45am – 7:30am</b>	<b>Registrations: Neurosurgery/ Continental Breakfast</b>
<b>7:30am – 7:45am</b>	<b>Leonard I. Kranzler, MD Introduction</b>
7:45am – 9:45am	<i>Michael Merchut, MD</i> Neuropathies, Myopathies and Motor Neuron Diseases & EMG
9:45am – 11:15am	<i>Kenneth Casey, MD</i> Surgery of the Cranial Nerves
11:15am-12:15pm	<b>Lunch</b>
12:15pm-2:15pm	<i>Ulas Cikla, MD</i> Overview of Cerebral and Cerebellum Anatomy
2:15pm-2:30pm	<b>Break</b>
2:30pm – 4:30pm	<i>Ulas Cikla, MD</i> Overview of Skull Base Anatomy
4:30pm - 6:30pm	<i>Agnieszka Ardelt, MD</i> Principles of Neurocritical Care

## **Friday, January 26, 2018**

### ***Neuroradiology***

7:30am – 8:30am	<i>Thomas P. Naidich, MD</i> Anatomy: The Brain Surface
8:30am – 9:20am	<i>TBD</i>
9:20am – 9:40am	Break
9:40am – 10:15am	<i>Robert A. Zimmerman, MD</i> Birth Injury: HIE & Hemorrhage
10:15am-10:55am	<i>R. Gilberto Gonzalez, MD</i> Ischemic Stroke
10:55am – 11:35am	<i>Mauricio Castillo, MD</i> Aneurysms & Vascular Malformations
11:35am – 12:15pm	<i>R. Gilberto Gonzalez, MD</i> Intracranial Hemorrhage
12:15pm 1:15pm	Lunch
1:15pm – 1:45pm	<i>Mauricio Castillo, MD</i> New & Unusual Intracranial Tumors
1:45pm – 2:25pm	<i>Robert A. Zimmerman, MD</i> Brain Tumors: Supratentorial Pediatric
2:25pm – 2:55pm	<i>Thomas P. Naidich, MD</i> Brain Tumors: Supratentorial Extra-axial Adult
2:55pm – 3:25pm	<i>Thomas P. Naidich, MD</i> Brain Tumors: Infratentorial Extra-axial Adult
3:25pm – 4:10pm	<i>Robert A. Zimmerman, MD</i> Brain Tumors: Infratentorial Pediatric
4:10pm – 4:40pm	<i>Mauricio Castillo, MD</i> Mestastases
4:40pm – 5:00pm	Break

5:00pm – 5:40pm

*R. Gilberto Gonzalez, MD*  
Sellar and Parasellar Tumors

5:40pm – 6:20pm

*Robert A. Zimmerman, MD*  
Pediatric Hydrocephalus

6:20pm – 7:00pm

*Mauricio Castillo, MD*  
Infections of the Brain & Meninges

## Saturday, January 27, 2018

### Neuroradiology

7:00am – 7:40am

*Thomas P Naidich, MD*  
Anatomy & Pathology of the Basal Ganglia & Thalami

7:40am – 8:00am

R. Gilberto Gonzalez, MD  
New Concerns & Protocols for Allergy & Gadolinium

8:00am-8:40am

Robert A. Zimmerman, MD  
The Pediatric Spine (except Dysraphism)

8:40am-9:00am

**Break**

9:00am-9:40am

*Thomas P. Naidich, MD*  
Spinal Dysraphism

9:40am-10:20am

*Robert A. Zimmerman, MD*  
The Phakomatoses

10:20am-11:00am

*Mauricio Castillo, MD*  
Spinal Tumors

11:00am-11:40am

*Mauricio Castillo, MD*  
DJD & Spinal Nomenclature 2.0

11:40am-12:20pm

*Thomas P. Naidich, MD*  
The Post-Operative Spine

12:20pm-1:20pm

**Lunch**

1:20pm-2:00pm

*Thomas P. Naidich, MD*  
White Matter: Anatomy, F.A., Tractography

2:00pm-2:50pm

*Mauricio Castillo, MD*  
Adult White Matter Disease

2:50pm-3:30pm

*Thomas P. Naidich, MD*  
The Brainstem and Cranial Nerves

3:30pm-3:50pm

**Break**

3:50pm-4:30pm

*Thomas P. Naidich, MD*  
Anatomy & Pathology of the Cerebellum

4:30pm-5:20pm

*Thomas P. Naidich, MD*  
Making the Central Nervous System

5:20pm-6:20pm

*Thomas P. Naidich, MD*  
Congenital Malformations: Face & Brain

6:20pm-8:20pm

*Thomas Mizen, MD*  
Efferent Visual Systems

## Sunday, January 28, 2018

7:00am – 8:30am

*Amin Kassam, MD*  
Innovations in Neurosurgery  
Surgery of the Sellar and ParaSellar Regions  
Endoscopic Techniques

8:30am – 10:30am

*M. Kelly Nicholas, MD*  
Neuro-Oncology

10:30am-10:45am

**Break**

10:45am-12:15pm

*Mark Molitch, MD*  
Physiology & Disease of the  
Hypothalamus & Pituitary

12:15pm-1:15pm

**Lunch**

1:15pm-3:15pm

*A. David Rothner, MD*  
Pediatric Neurology

3:15pm-4:45pm

*Issam Awad, MD* Intracerebral  
and Intraventricular  
Hemorrhage

4:45pm-5:00pm

**Break**

5:00pm-7:00pm

*Issam Awad, MD*  
Vascular Malformations of the Brain and  
Spinal Cord

## Monday, January 29, 2018

7:00am – 10:00am

*Ossama Al-Mefty, MD*  
Meningiomas/Cranio – Vertebral Junction

10:00am-10:15am

**Break**

10:15am-11:45am

*Ossama Al-Mefty, MD*  
Surgery of the Jugular Foramen  
Surgery of the Cavernous Sinus  
Surgery of Pineal Tumors

11:45am-12:45pm

**Lunch**

12:45pm-3:45pm

*Christopher Ogilvy, MD*  
Aneurysm: Posterior Circulation  
Aneurysm: Anterior Circulation

3:45pm-5:45pm

*Robert J. Spinner, MD*  
Peripheral Nerve Surgery

5:45pm-6:00pm

**Break**

6:00pm-7:30pm

*Robert J. Spinner, MD* Peripheral Nerve  
Surgery and Demonstration of Clinical  
Examination of Peripheral Nervous  
System

## Tuesday, January 30, 2018

7:30am – 9:30am

*Richard Bryne, MD*  
Epilepsy Surgery

9:30am – 9:45am

**Break**

9:45am – 11:45am

*Matthew McCoyd, MD*  
Part 1  
Clinically Oriented Review of Neuroanatomy:  
Brainstem, Thalamus, Hypothalamus, Basal  
Ganglia, Limbic Lobe and Cerebellum

11:45am – 12:45pm

**Lunch**

12:45pm – 2:15pm

*Alexander Jones, MD*  
Spinal Deformity Surgery

2:15pm – 4:15pm

*Antoun Koht, MD*  
Neuro-Anesthesia  
Intra Operative Evoked Potentials

4:15pm - 4:30pm

**Break**

4:30pm - 6:30pm

*Michael Lin, MD*  
Infections of the Nervous System

6:30pm – 8:30pm

*Joseph Serrone, MD*  
Carotid Disease and Intracranial Occlusive  
Disease



## Wednesday, January 31, 2018

8:30am – 9:30am

*Peleg Horowitz, MD*  
Genetics for Neurosurgeons

9:30am – 9:45am

**Break**

9:45am – 11:45am

*Richard Penn, MD*  
Stereotactic & Functional Surgery

11:45am-12:45pm

**Lunch**

12:45pm-1:45pm

*Richard Penn, MD*  
Hydrocephalus

1:45pm-3:45pm

*Thomas Mizen, MD*  
Afferent Visual Systems

3:45pm-4:45pm

*Vikram Prabhu, MD*  
Cortical Mapping in the Resection of  
Brain Tumors

4:45pm-5:45pm

*Vikram Prabhu, MD*  
Management of Cerebral Gliomas

5:45pm-6:00pm

**Break**

6:00pm-7:00pm

*Vikram Prabhu, MD*  
Meningiomas

7:00pm-8:00pm

*Lorenzo Munoz, MD*  
Metastatic Tumors

## Thursday, February 1, 2018

7:00am – 9:00am

*Konstantin Slavin, MD*  
Neurosurgical Treatment of Pain  
Trigeminal Neuralgia

9:00am - 10:30am

*Vijay Maker, MD*  
General Surgical Principles

10:30am - 11:45am

*Allan Levi, MD*  
Spinal Fractures and Spinal Cord Injuries

11:45am - 12:45pm

**Lunch**

12:45pm - 2:15pm

*Allan Levi, MD*  
Non Tumor, Non Traumatic Surgical  
Lesions of the Spine  
(e.g. Discs, Synovial Cysts, Infections, etc.)

2:15pm - 3:15pm

*Sean Ruland, DO*  
Basic Stroke Syndromes and Diagnosis

3:15pm - 4:15pm

*Sean Ruland, DO*  
Acute Stroke Treatment

4:15pm - 4:30pm

**Break**

4:30pm - 5:30pm

*Sean Ruland, DO*  
Stroke Prevention

5:30pm - 7:30pm

*Manuel Utset, MD*  
Degenerative Disease, Dementing Illnesses &  
Aging, Disorders of Myelin and Lipid  
Metabolism, Neuropathologies of  
AIDS/Opportunistic CNS Infection

## Friday, February 2, 2018

7:30am – 9:30am

*Matthew McCoyd, MD*

Part 2

Clinically Oriented Review of Neuroanatomy:  
Brainstem, Thalamus, Hypothalamus, Basal  
Ganglia, Limbic Lobe and Cerebella

9:30am – 9:45am

**Break**

9:45am – 10:45am

*Matthew McCoyd, MD*

Spinal Cord

10:45am-11:45am

*Matthew McCoyd, MD*

Brachial Plexus

11:45am – 12:45pm

**Lunch**

12:45pm – 2:45pm

*R. Loch MacDonald, MD*

Cerebral Vasospasm

Pathophysiology of SAH

2:45pm – 4:45pm

*Michael Steinmetz, MD*

Biomechanics of the Spine &

Spinal Tumor Surgery and Spinal Cord

4:45pm - 5:00pm

**Break**

5:00pm – 6:30pm

*Anthony Reder, MD*

Demyelinating Disorders

## Saturday, February 3, 2018

7:30am –  
(15 min. break in btwn)  
Cont. - 11:45am

*Ugur Ture, MD*  
Microsurgical Treatment of Brain Tumors  
Microsurgical Treatment of Limbic Tumors

11:45am – 12:45pm

### **Lunch**

12:45pm – 2:45pm

*Anand Germanwala, MD*  
Transphenoidal Approach of Surgery for  
Sellar and Parasellar lesions

2:45pm – 4:45pm

*Peter Letarte, MD*  
Diagnosis and Treatment of Head Injuries

4:45pm – 5:00pm

### **Break**

5:00pm - 6:15pm

*Manuel Utset, MD*  
Glial/Non Glial Tumors of the  
Nervous System

**Sunday, February 4, 2018**

8:00am – 10:00am

*Daniel Curry, MD*  
Pediatric Head Injury & Congenital Defects

10:00am – 11:00am

*Daniel Curry, MD*  
Surgical Considerations of Memory

11:00am- 12:15pm

*Bakhtier Yamini, MD*  
Pediatric Brain Tumors

***END OF THE COURSE***

***Thank You for Attending!***