

Basic and Advanced Neuroendovascular ANatomy Course (BANANA Course)

Monday-Wednesday, October 14-16, 2024

AGENDA

MONDAY, OCTOBER 14, 2024

8:00 AM EDT Registration and Breakfast

Accredited Education

- 8:30 Introduction / Imaging Techniques
Maksim Shapiro, MD
- 9:00 Practical Embryology
Eytan Raz, MD, PhD
- 9:30 Spinal Arterial Anatomy
Michihiro Tanaka, MD, PhD
- 10:00 Spinal Venous Anatomy / CSF Venous Fistula Applications
Eytan Raz, MD, PhD
- 10:30 Coffee Break
- 11:00 AICA/PICA/Lateral Spinal Region
Maksim Shapiro, MD
- 11:30 SCA/Basilar Terminus Perforators
Eytan Raz, MD, PhD
- 12:00 PM EDT Venous System Overview -- Yun Peng Huang Memorial Lecture
Maksim Shapiro, MD
- 12:30 Spinal Arteries in Cervical Dural Fistulas -- Therapeutic Implications
René Chapot, MD
- 1:00 Lunch Break

Track 1 and 2 Workshop (Round Robin)

- 2:00 Flow Diversion Posterior Circulation
Edoardo D. Boccardi, MD
- Posterior Circulation AVM Analysis and Treatment
René Chapot, MD, Eytan Raz, MD, PhD
- Spinal Dural Fistula -- Endovascular and Surgical Approaches
Maksim Shapiro, MD, Michihiro Tanaka, MD, PhD
- 5:00 End of Accredited Education

Refreshments and Drinks

- 5:00 Adjourn
- 5:00 Refreshments and Drinks
- 6:00 PM EDT Case Presentations, and Panel Discussion*

TUESDAY, OCTOBER 15, 2024

8:00 AM EDT Breakfast

Accredited Education

- 8:30 Facial/Lingual/STA/IMAX
Eytan Raz, MD, PhD
- 9:00 Ascending Pharyngeal / Occipital System
Peter K. Nelson, MD
- 9:30 Intracranial Extradural ICA -- MHT, ILT, Hypophyseal
Maksim Shapiro, MD
- 10:00 Meningeal Arteries
Eytan Raz, MD, PhD
- 10:30 Coffee Break
- 11:00 Ophthalmic Artery
Eytan Raz, MD, PhD
- 11:30 Dural Venous Sinuses
Maksim Shapiro, MD
- 12:00 PM EDT Cavernous Sinus
Maksim Shapiro, MD
- 12:30 Supratentorial Venous Anatomy -- Applications in AVM Analysis and Treatment
René Chapot, MD
- 1:00 End of Accredited Education

Non-Accredited Education*

- 1:00 Lunch Break

Track 1 Workshop (Round Robin)*

- 2:00 **DYNA / Advanced Image Acquisition and Processing**
Eytan Raz, MD, PhD
- Dural Fistulas 1 (Cavernous, Ethmoid)**
Daniel H. Sahlein, MD, Maksim Shapiro, MD
- Dural Fistulas 2 (Sigmoid / Torcular/Convexity)**
Edoardo D. Boccardi, MD, Peter K. Nelson, MD

Track 2 Workshop*

- 2:00 **Case-Based Anatomy for RN, Tech, NP, PA**
Jacob F. Baranoski, MD, Mariya Naumoff, Vera Sharashidze, MD, Linda Warren

Refreshments and Drinks

- 5:00 **Adjourn**
- 5:00 **Refreshments and Drinks**
- 6:00 PM EDT **Case Presentations, and Panel Discussion***

WEDNESDAY, OCTOBER 16, 2024

- 8:00 AM EDT **Breakfast**

Non-Accredited Education*

- 8:30 **Choroidal and Posterior Cerebral Arteries**
Maksim Shapiro, MD
- 9:00 **Anterior Cerebral Artery**
Eytan Raz, MD, PhD
- 9:30 **Middle Cerebral Artery**
Vera Sharashidze, MD
- 10:00 **Arterial Plasticity and Flow Modification (Flow Diversion / Bypass)**
Peter K. Nelson, MD
- 10:30 **Surgical Intracranial Anatomy**
Howard A. Riina, MD, MPH
- 11:00 **Coffee Break**
- 11:30 **End of Non-Accredited Education**

Accredited Education

- 11:30 **Superficial Venous System**
Eytan Raz, MD, PhD
- 12:00 PM EDT **Deep Venous System**
Maksim Shapiro, MD
- 12:30 **End of Accredited Education**

Non-Accredited Education*

- 12:30 **Lunch Break**

Track 1 Workshop (Round Robin)*

- 1:30 **Aneurysm / Advanced Flow Diversion**
Edoardo D. Boccardi, MD, Daniel H. Sahlein, MD
- Stroke -- Technical and Anatomical Aspects**
Jacob F. Baranoski, MD, Eytan Raz, MD, PhD
- Venous Steno-Occlusive Disease / Pulsatile Tinnitus**
Maksim Shapiro, MD

Track 2 Workshop*

- 1:30 **Case-Based Anatomy for RN, Tech, NP, PA**
Charlotte Y. Chung, Mariya Naumoff, W. Caleb Rutledge, MD, Linda Warren
- 4:30 **Concluding Remarks**
- 4:45 PM EDT **Adjourn**

*Presentations for this portion of the activity are not accredited for continuing medical education credits