

Basic and Advanced Neuroendovascular ANATOMY Course (BANANA Course)

Monday-Wednesday, October 31 - November 2, 2022

AGENDA

MONDAY, OCTOBER 31, 2022

8:00 AM EDT	Registration and Continental Breakfast
8:30	Introductions & Imaging Techniques Maksim Shapiro, MD
9:00	Practical Embryology Eytan Raz, MD, PhD
9:30	Spinal Arterial Anatomy 1 Peter K. Nelson, MD
10:00	Spinal Arterial Anatomy 2 and Venous Anatomy Maksim Shapiro, MD
10:30	Coffee Break
11:00	PICA/Lateral Spinal Region Kittipong Srivatanakul, MD, MSc
11:30	AICA/SCA/Basilar Terminus Perforators Eytan Raz, MD, PhD
12:00 PM EDT	Venous System Overview - The Big Picture Maksim Shapiro, MD
12:30	Brainstem/Cerebellar Venous Anatomy - Yun Peng Huang Tribute Lecture Kittipong Srivatanakul, MD, MSc
1:00	Lunch Break (Provided)
Track 1 Workshops	
2:00	DYNA / Advanced Image Acquisition and Processing Eytan Raz, MD, PhD
	Flow Diversion Posterior Fossa Peter K. Nelson, MD, Daniel H. Sahlein, MD
	Spinal Dural Fistula - Endovascular and Surgical Approaches Erez Nossek, MD, Maksim Shapiro, MD
Track 2 Workshop	

2:00	Neurovascular Anatomy Primer for Licensed Independent Practitioners, IR Technologists, and Nursing Staff Caleb Rutledge, MD, Vera Sharashidze, MD Panelists: Olga J. Laszczyc, RT, Mariya Naumoff, Safia F. Syed, Linda Warren, NP
5:00	Adjourn and Light Refreshments
6:00 PM EDT	Reception, Case Presentations, and Panel Discussion*

TUESDAY, NOVEMBER 1, 2022

8:15 AM EDT	Registration and Continental Breakfast
8:30	Arch and Radial Anatomy Maksim Shapiro, MD
9:00	Facial/Lingual/STA/IMAX Eytan Raz, MD, PhD
9:30	Ascending Pharyngeal/Occipital System Kittipong Srivatanakul, MD, MSc
10:00	Intracranial Extradural ICA - Mandibulovidian, MHT, ILT Maksim Shapiro, MD
10:30	Coffee Break
11:00	Meningeal Arteries Daniel H. Sahlein, MD
11:30	Ophthalmic Artery Eytan Raz, MD, PhD
12:00 PM EDT	Dural Venous Sinuses Kittipong Srivatanakul, MD, MSc
12:30	Cavernous Sinus Eytan Raz, MD, PhD
1:00	Lunch Break (Provided)
Track 1 Workshops	
2:00	Dural Fistulas 1 (Cavernous, Ethmoid) Erez Nossek, MD, Eytan Raz, MD, PhD

**Dural Fistulas 2
(Sigmoid/Torcular/Convexity)**
Maksim Shapiro, MD, Kittipong Srivatanakul, MD,
MSc
Embolization - Tumor, MMA
Daniel H. Sahlein, MD

Track 2 Workshop

2:00 **Neurovascular Anatomy Primer for
Licensed Independent
Practitioners, IR Technologists,
and Nursing Staff**
Caleb Rutledge, MD, Vera Sharashidze, MD
Panelists: Olga J. Laszczych, RT, Mariya
Naumoff, Safia F. Syed, Linda Warren, NP

5:00 **Adjourn and Light Refreshments**

6:00 PM EDT **Reception, Case Presentations,
and Panel Discussion***

WEDNESDAY, NOVEMBER 2, 2022

8:15 AM EDT **Registration and Continental
Breakfast**

8:30 **Choroidal and Posterior Cerebral
Arteries**
Kittipong Srivatanakul, MD, MSc

9:00 **Anterior Cerebral Artery**
Peter K. Nelson, MD

9:30 **Middle Cerebral Artery**
Erez Nossek, MD

10:00 **Surgical Intracranial Anatomy**
Howard A. Riina, MD, MPH

10:30 **Coffee Break**

11:00 **Arterial Plasticity and Flow
Modification (Flow
Diversion/Bypass)**
Erez Nossek, MD, Eytan Raz, MD, PhD

11:30 **Superficial Venous System**
Maksim Shapiro, MD

12:00 PM EDT **Deep Venous System**
Kittipong Srivatanakul, MD, MSc

12:30 **Lunch Break (Provided)**

Track 1 Workshops

1:30 **Aneurysm/Advanced Flow
Diversion**
Erez Nossek, MD, Daniel H. Sahlein, MD

**Stroke - Technical and Anatomical
Aspects**
Eytan Raz, MD, PhD

**Venous Steno-Occlusive
Disease/Pulsatile Tinnitus**
Maksim Shapiro, MD

4:30 **Concluding Remarks**
Moderator: Maksim Shapiro, MD

4:45 PM EDT **Adjourn**

*Not for CME credit