

2024 Mastering the Basics of Neurosurgery: Common Approaches

April 25–27, 2024

Thursday 4/25	<u>Pterional and Supraorbital Approaches, Sellar and Perisellar Areas, and Anterior Circulation</u>
8:15–8:30 AM	Welcome and Introduction
8:30–9:30 AM	3D-Lecture <i>Surgical Anatomy and Techniques of the Pterional Approach and Exposure of the Sellar and Perisellar Regions</i>
9:30–9:45 AM	Morning Break
9:45–12:30 PM	Hands-on Dissection <i>Pterional Approach, Anterior Clinoidectomy, Opening the Sylvian Fissure, and Exploring the Basal Cisterns</i>
12:30–1:30 PM	Lunch Break
1:30–2:30 PM	3D-Lecture <i>Surgical Anatomy and Techniques of the Supraorbital Approach and Exposure of the Anterior Cranial Fossa</i>
2:30–2:45 PM	Afternoon Break
2:45–6:00 PM	Hands-on Dissection <i>Supraorbital Approach and Exposure of the Anterior Fossa, Sellar and Perisellar Areas, and Vasculature</i>
Friday 4/26	<u>Subtemporal and Retrosigmoid Approaches, Lateral Cerebellopontine Angle, and Posterior Circulation</u>
8:30–9:30 AM	3D-Lecture <i>Surgical Anatomy and Techniques of the Subtemporal Approach and Exposure of the Upper Clivus and Crural Cistern</i>
9:30–9:45 AM	Morning Break
9:45–12:30 PM	Hands-on Dissection <i>Subtemporal Approach, Dissection of the Tentorium, and Exposure of the Retrosellar Area and Upper Basilar Region</i>
12:30–1:30 PM	Lunch Break
1:30–2:30 PM	3D-Lecture <i>Surgical Anatomy and Techniques of the Retrosigmoid Approach and Exposure of the Lateral Cerebellopontine Angle</i>
2:30–2:45 PM	Afternoon Break
2:45–6:00 PM	Hands-on Dissection <i>Retrosigmoid Approach, Exploration of the Cerebellopontine Angle, and Exposure of the Superior, Middle, and Inferior Neurovascular Complexes</i>
Saturday 4/27	<u>Posterolateral Suboccipital and Interhemispheric Transcallosal Approaches to the Lateral and Third Ventricles</u>
8:30–9:30 AM	3D-Lecture <i>Surgical Anatomy and Techniques of the Posterolateral Suboccipital Approach</i>
9:30–9:45 AM	Morning Break
9:45–12:30 PM	Hands-on Dissection <i>Posterolateral Suboccipital Approach and Exposure of the Posterior Fossa</i>
12:30–1:30 PM	Lunch Break
1:30–2:30 PM	3D-Lecture <i>Surgical Techniques and Anatomy of the Interhemispheric Transcallosal Approach</i>
2:30–2:45 PM	Afternoon Break
2:45–6:00 PM	Hands-on Dissection <i>Interhemispheric Transcallosal Approach, it's Transforaminal, Transchoroidal, and Interforniceal Extensions, Exposure of the Lateral and Third Ventricles</i>

2024 Spring Complex Surgical Approaches to the Skull Base

April 29–May 1, 2024

Monday 4/29

Orbitozygomatic Approach and Exposure of the Sellar and Parasellar Regions

8:15–8:30 AM

Welcome and Introduction

8:30–9:30 AM

3D-Lecture

Surgical Anatomy and Techniques of the Orbitozygomatic Approach and Pericavernous Exposure

Antonio Bernardo, MD

9:30–9:45 AM

Morning Break

9:45–12:30 PM

Hands-on Dissection

Fronto-Orbito-Zygomatic Craniotomy and Initial Extradural Preparation: Anterior Clinoidectomy and Unlocking of the Superior Orbital Fissure

12:30–1:30 PM

Lunch Lecture: Challenges in Anterior Skull Base Surgery

1:30–2:30 PM

3D-Lecture

Surgical Exposure of the Cavernous Sinus, its Clinical Anatomy, and Transcavernous Corridors

Antonio Bernardo, MD

2:30–2:45 PM

Afternoon Break

2:45–6:00 PM

Hands-on Dissection

Extradural Exposure of the Cavernous Sinus, Intradural Dissection of the Perisellar Area, Posterior Clinoidectomy, and Pericavernous Corridors to the Basilar Apex

Tuesday 4/30

Temporal Bone and Transpetrosal Surgical Routes to the Skull Base

8:30–9:30 AM

3D-Lecture

Surgical Techniques and Anatomy of the Temporal Bone and the Anterior Transpetrosal Approaches

Antonio Bernardo, MD

9:30–9:45 AM

Morning Break

9:45–12:30 PM

Hands-on Dissection

Middle-Fossa Approach with Extended Anterior Petrosectomy

12:30–1:30 PM

Lunch Lecture: Lessons Learned from Transpetrosal Surgery

1:30–2:30 PM

3D-Lecture

Posterior Transpetrosal Approach: Translabyrinthine and Transcochlear Approaches, Surgical Anatomy, and Techniques

Antonio Bernardo, MD

2:30–2:45 PM

Afternoon Break

2:45–6:00 PM

Hands-on Dissection

Posterior Petrosectomy with Facial Nerve Exposure, Peri- and Translabyrinthine Dissection, and Exposure of the Jugular Bulb

Wednesday 5/1

The Jugular Foramen, Far Lateral Approach, and Combined Skull Base Approaches

8:30–9:30 AM

3D-Lecture

Surgical Techniques and Anatomy of the Far Lateral Approach, Upper Cervical Region, and Jugular Foramen

Antonio Bernardo, MD

9:30–9:45 AM

Morning Break

9:45–12:30 PM

Hands-on Dissection

The Far Lateral Approach, Dissection of the Occipital Condyle, Resection of the Jugular Tubercle, and Exposure of the Jugular Foramen

12:30–1:30 PM

Lunch Lecture: Challenges in Posterior Skull Base Surgery

1:30–2:30 PM

3D-Lecture

Combined Skull Base Approaches and Tentorial Incisions

Antonio Bernardo, MD

2:30–2:45 PM

Afternoon Break

2:45–6:00 PM

Hands-on Dissection

Combined Skull Base Approaches and Tentorial Incisions

