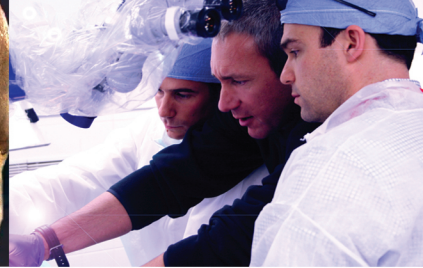
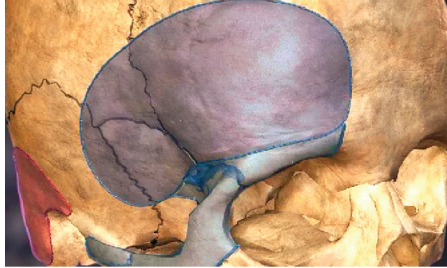


Weill Cornell Complex Approaches in Neurosurgery

2019



Presented by:


Antonio Bernardo, MD
Philip E. Stieg, PhD, MD
Rohan Ramakrishna, MD

A hands-on cadaver workshop with
3D Virtual Reality Lectures



Weill Cornell Medicine
Neurological Surgery

4-Day Course in Palm Beach
April 3–6, 2019

 DePuy Synthes



Weill Cornell Medicine
Neurological Surgery

2019 Weill Cornell Palm Beach Course on Complex Approaches in Neurosurgery

April 3-6, 2019

Wednesday 4/3	Anterior & Anterolateral Approaches: Transcranial and Endoscopic Routes to the Clivus, Sellar, and Perisellar Regions
7:15-7:45 AM	Welcome, Introduction, and Principles of Skull Base Surgery (Bernardo)
7:45-9:15 AM	Lectures <i>3D Surgical Anatomy and Techniques of the Orbitozygomatic Approach and Pericavernous Exposure (Antonio Bernardo MD)</i> <i>The Pterional Approach and its Mini and Extended Variants to the Anterior Cranial Fossa (Jared Knopman MD)</i>
9:15-12:30 PM	Hands-on Dissection <i>Fronto-orbitozygomatic Craniotomy, Anterior Clinoidectomy, Unlocking of the Superior Orbital Fissure, Exposure of the Perisellar Area, Posterior Clinoidectomy, and Pericavernous Corridors to the Basilar Apex</i>
12:30-1:30 PM	Lunch
1:30-3:00 PM	Lectures <i>Endoscopic Sinus Anatomy and Corridors to the Skull Base (Rohan Ramakrishna)</i> <i>Transplanum Transtuberulum Approach for Resecting Suprasellar Craniopharyngiomas & Meningiomas (Theodore Schwartz MD)</i> <i>Transpterygoid and Transmaxillary Approaches for Pterygopalatine/Infratemporal Fossa Lesions (Shaan Raza MD)</i>
3:00-6:30 PM	Hands-on Dissection <i>Endoscopic Transnasal Transsphenoidal Approaches to the Anterior Skull Base</i>
Thursday 4/4	Lateral Approaches: Temporal Bone and Transpetrosal Surgical Routes to the Skull Base
7:30-9:30 AM	Lectures <i>The Subtemporal Transtentorial Approach to the Upper Clivus (Rohan Ramakrishna MD)</i> <i>3D Surgical Anatomy of the Temporal Bone and the Anterior Transpetrosal Approach (Antonio Bernardo MD)</i>
9:30-12:30 PM	Hands-on Dissection <i>Subtemporal and Middle Fossa Approaches, and the Extended Middle Fossa Approach with Anterior Petrosectomy</i>
12:30-1:30 PM	Lunch
1:30-2:30 PM	Lecture <i>3D Surgical Anatomy of the Temporal Bone and the Posterior Transpetrosal Approaches (Antonio Bernardo MD)</i>
2:45-6:30 PM	Hands-on Dissection <i>Posterior Petrosectomy: Drilling the Mastoid, Facial Nerve Exposure, Translabyrinthine Dissection, Exposure of the Jugular Bulb</i>
Friday 4/5	Posterolateral and Combined Neurosurgical Approaches: The Retrosigmoid and Far-lateral Approaches
7:30-9:45 AM	Lectures <i>Surgical Anatomy of the Retrosigmoid Approach and the Cerebellopontine Angle (Phillip E. Stieg PhD, MD)</i> <i>3D Surgical Anatomy of the Jugular Foramen, and Craniocervical Junction—the Far Lateral Approach (Antonio Bernardo MD)</i> <i>Surgical Planning and Approach Selection for Lateral and Anterior Foramen Magnum Lesions (Rohan Ramakrishna MD)</i>
9:45-12:30 PM	Hands-on Dissection <i>Far Lateral Approach Transcondylar Approach</i>
12:30-1:30 PM	Lunch
1:30-3:30 PM	Lectures <i>Combined Transtentorial Approaches for Large Skull Base Lesions (Antonio Bernardo MD)</i> <i>Carotid Endarterectomy and Lateral Cervical Dissection (Phillip E. Stieg PhD, MD)</i>
3:30-6:30 PM	Hands-on Dissection <i>Lateral Cervical Dissection and Combined Approaches</i>
Saturday 4/6	Posterior Approaches and Approaches to the Lateral and Third Ventricles
7:30-9:45 AM	Lectures <i>3D Surgical Anatomy of the Pineal Region (Antonio Bernardo MD)</i> <i>Occipital Transtentorial Approaches to the Pineal Region (Jeffery Greenfield MD, PhD)</i> <i>The Supracerebellar Infratentorial Approach and its Variants to the Pineal Region (Mark Souweidane MD)</i>
9:45-12:30 PM	Hands-on Dissection <i>The Occipital Transtentorial and Supracerebellar Infratentorial Approaches</i>
12:30-1:30 PM	Lunch
1:30-3:30 PM	Lectures <i>Surgical Anatomy of the Lateral and Third Ventricles (Caitlin Hoffman, MD)</i> <i>Interhemispheric Transcallosal and Transcortical Transchoroidal Approaches to the Ventricles (Jeffery Greenfield MD, PhD)</i> <i>Endoscopic Approaches to Intraventricular Lesions (Mark Souweidane, MD)</i>
3:30-6:30 PM	Hands-on Dissection <i>Interhemispheric Transcallosal and Transcortical Approaches to the Lateral and Third Ventricles</i>