

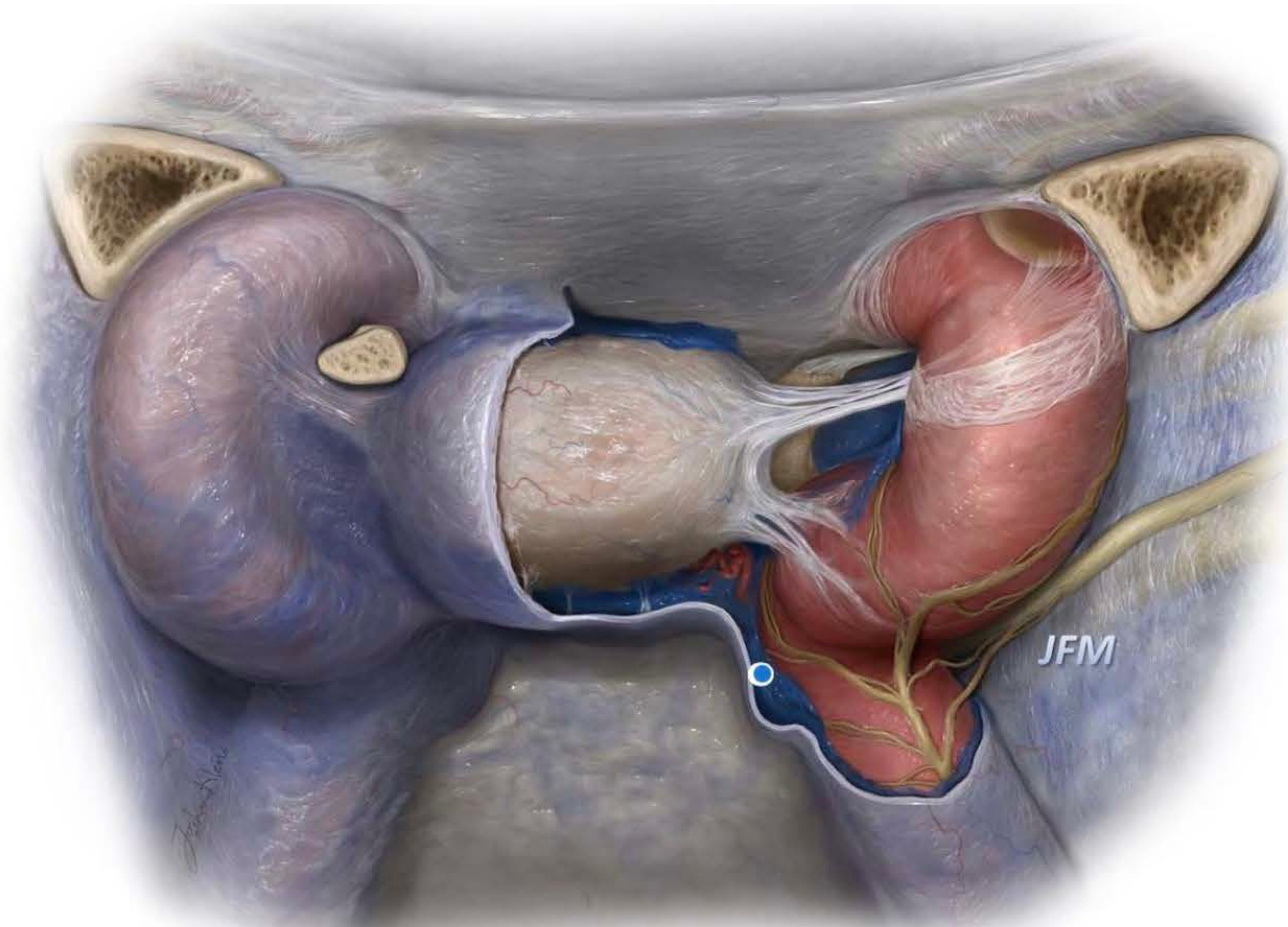


Stanford
M E D I C I N E

School of Medicine

Endoscopic Endonasal
Skull Base Surgery Course
August 10-13, 2022

Innovations in Endoscopic Endonasal Skull Base Surgery: Hands-On Course, Live Surgery & Immersive 3D Lecture



Please scan for course updates & handouts



This CME Activity is supported in part by educational grants from Integra LifeSciences Corporation, KARL STORZ Endoscopy-America, Inc., Medtronic, Mizuho America, Inc., Stryker Corporation.

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Course Locations



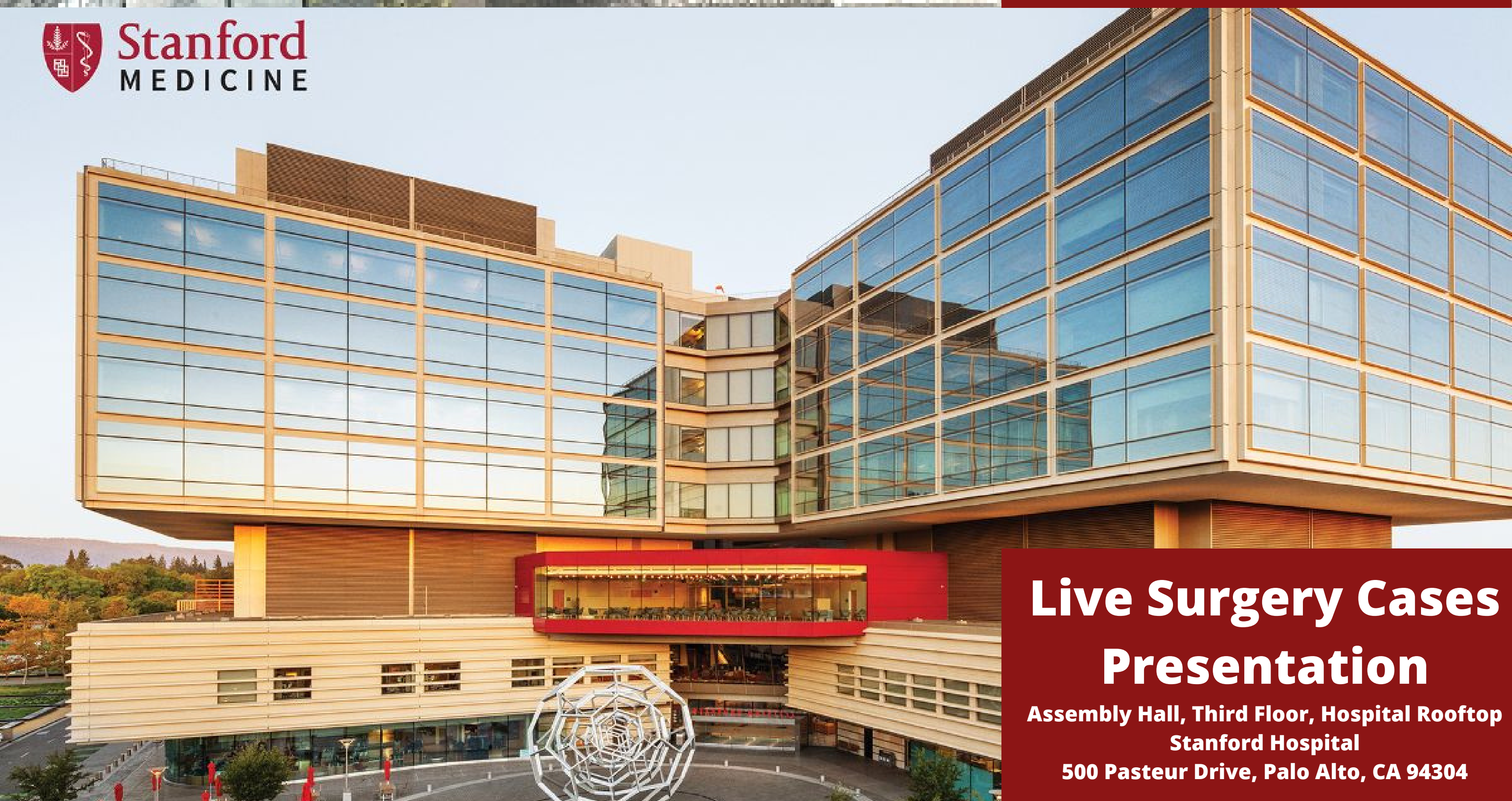
Lecture

Berg Halls A-C, Second Floor
Li Ka Shing Center (LKSC)
291 Campus Drive, Stanford, CA 94305



Hands-On

Clinical Anatomy Lab, Room 0135
Center for Clinical Sciences Research (CCSR)
269 Campus Drive, Stanford, CA 94305



Live Surgery Cases Presentation

Assembly Hall, Third Floor, Hospital Rooftop
Stanford Hospital
500 Pasteur Drive, Palo Alto, CA 94304

DAY 1: Wednesday, August 10, 2022

Pituitary & Cavernous Sinus

7:30-8:00 AM	Registration, Breakfast & Exhibit Berg Halls A-C, Second Floor Li Ka Shing Center (LKSC)
8:00-8:30 AM	Welcome Endoscopic Endonasal Surgery: The Maturation of a Generational Shift Juan Fernandez-Miranda, MD
8:30-8:50 AM	From ESS to EEA: The Sinonasal Corridor Peter Hwang, MD
8:50-9:10 AM	Sinonasal Quality of Life After Endoscopic Skull Base Surgery Zara Patel, MD
9:10-9:30 AM	3D Sinonasal Anatomy for Skull Base Surgeons Jayakar Nayak, MD, PhD
9:30-10:00 AM	3D Surgical Anatomy & Video Illustrations– Sellar and Cavernous Sinus Region Juan Fernandez-Miranda, MD
10:00-10:30 AM	Coffee and Exhibit <i>Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR Hands-On: Change into scrubs</i>
10:30-11:00 AM	Prosection: Approach to Sella and Nasoseptal Flap Stanford Team

11:00-12:30 PM	<p>Hands-on Session 1: Approach to Sella and Nasoseptal Flap</p> <p>All Faculty</p> <p><i>Transfer from Clinical Anatomy Lab, CCSR to Lecture, Berg Hall, LKSC</i></p>
12:30-1:00 PM	<p>Lunch & Exhibit</p>
1:00-1:30 PM	<p>Lunch Lecture: Cavernous Sinus Invasion by Adenomas - The Stanford Experience</p> <p>Juan Fernandez-Miranda, MD & Karam Asmaro, MD</p>
1:30-2:00 PM	<p>Transpterygoid approach: Expanding the Access - Technical and Functional Implications</p> <p>Eric Wang, MD</p>
2:00-2:30 PM	<p>Complex Pituitary Surgery: Subarachnoid Invasion & Giant Adenomas</p> <p>Paul Gardner, MD</p>
2:30-3:00 PM	<p>Coffee & Exhibit</p> <p><i>Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR</i></p> <p><i>Hands-On: Change into scrubs</i></p>
3:00-3:30 PM	<p>Prosection: Transpterygoid/Transcavernous</p> <p>Stanford Team</p>
3:30-5:00 PM	<p>Hands-on Session 2: Transpterygoid/Transcavernous</p> <p>All Faculty</p>
5:00 PM	<p>AFTERNOON PROGRAM ADJOURNMENT</p>

5:00-6:30 PM
Stanford University Campus
Tour led by Robert Jackler, MD
(bring walking shoes)



6:30 PM	EVENING PROGRAM: RECEPTION at THE STANFORD FACULTY CLUB (Registrants Only)
7:00 PM	Dinner The Stanford Faculty Club 439 Lagunita Drive, Stanford, CA 94305
8:00 PM	Dinner Lecture: Ruminations of a Rhinotillexomaniac: Origins and Evolution of Endoscopic Endonasal Surgery Carl Snyderman, MD
9:00 PM	EVENING PROGRAM ADJOURNMENT



DAY 2: Thursday, August 11, 2022

Upper Central & Anterior Skull Base

7:30-8:00 AM	Breakfast & Exhibit
8:00-8:30 AM	3D Surgical Anatomy & Video Illustrations - Suprasellar and Retrochiasmatic Regions - Pituitary Transposition Techniques Juan Fernandez-Miranda, MD
8:30-9:00 AM	Craniopharyngiomas & Suprasellar Meningiomas: Indications & Outcomes Paul Gardner, MD
9:00-9:20 AM	Skull Base Reconstruction: Craniopharyngiomas & Suprasellar Meningiomas Zara Patel, MD
9:20-9:30 AM	Postoperative Nasal Care: Tips and Tricks Jayakar Nayak, MD, PhD
9:30-10:00 AM	Coffee and Exhibit <i>Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR Hands-On: Change into scrubs</i>
10:00-10:30 AM	Prosection: Suprasellar, Retrochiasmatic, Pituitary Transposition Stanford Team
10:30-12:30 PM	Hands-on Session 3: Suprasellar, Retrochiasmatic, Pituitary Transposition All Faculty <i>Transfer from Clinical Anatomy Lab, CCSR to Lecture, Berg Hall, LKSC</i>

12:30-1:00 PM	Lunch & Exhibit
1:00-1:30 PM	Lunch Lecture: Sinonasal Malignancies Peter Hwang, MD
1:30-2:00 PM	3D Surgical Anatomy & Video Illustrations – Anterior Skull Base Juan Fernandez-Miranda, MD
1:50-2:10 PM	Extradural Pericranial Flap Reconstruction and Combined Transcranial/Endonasal Craniofacial Approaches: Indications and Technique Eric Wang, MD
2:10-2:30 PM	Transorbital Approaches: The Ultimate Addition to the Skull Base Team Andrea Kossler, MD <i>Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR Hands-On: Change into scrubs</i>
2:45-3:15 PM	Prosection: Anterior Craniofacial Resection & Pericranial Flap UPMC Team
3:15-5:30 PM	Hands-on Session 4: Anterior Craniofacial Resection & Pericranial Flap All Faculty
5:30 PM	AFTERNOON PROGRAM ADJOURNMENT NO EVENING PROGRAM – ENJOY PALO ALTO AT YOUR LEISURE

DAY 3: Friday, August 12, 2022

Live Surgery & Lower Central Skull Base

7:00-7:30 AM	Breakfast & Exhibit
7:30-8:00 AM	<p>OR Setup, Equipment and Instrumentation</p> <p>Juan Fernandez-Miranda, MD & Peter Hwang, MD</p> <p><i>Transfer from Lecture, Berg Hall, LKSC to Assembly Hall, Stanford</i></p>
8:15-8:45 AM	<p>Live Surgery Cases Presentation</p> <p>Stanford Team</p>
8:45-10:30 AM	<p>Live Surgery Cases Commentary: Sinonasal/Skull Base Approach</p> <p>UPMC & Stanford Teams</p>
10:30-11:00 AM	<p>Coffee and Exhibit</p> <p><i>Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR</i></p> <p><i>Hands-On: Change into scrubs</i></p>
11:00-1:00 PM	<p>Live Surgery Case/s Commentary: Tumor Resection</p> <p>UPMC & Stanford Teams</p>
1:00-1:45 PM	<p>Lunch</p> <p>Younger Dining Room, Third Floor M330 (Above Main Hospital Entrance) 500 Pasteur Drive, Palo Alto, CA 94304</p> <p><i>Transfer from Stanford Hospital to Lecture, Berg Hall, LKSC</i></p>
2:00-2:30 PM	<p>Chordomas & Chondrosarcomas: Indications & Outcomes</p> <p>Paul Gardner, MD</p>

2:30-3:00 PM	<p>3D Surgical Anatomy & Video Illustrations – Foramen Lacerum and Petroclival Region</p> <p>Juan Fernandez-Miranda, MD</p> <p><i>Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR</i></p> <p><i>Hands-On: Change into scrubs</i></p>
3:00-3:30 PM	<p>Prosection: Transclival, Translacerum, Petrous Apex</p> <p>UPMC Team</p>
3:30-5:30 PM	<p>Hands-on Session 5: Transclival, Translacerum, Petrous Apex</p> <p>All Faculty</p>
5:30 PM	<p>AFTERNOON PROGRAM ADJOURNMENT</p>
7:00 PM	<p>COURSE BANQUET (Registrants Only)</p> <p>Justine’s Room, Palo Alto Sheraton Hotel</p> <p>624 El Camino Real, CA 94301</p>



DAY 4: Saturday, August 13, 2022

Extreme Approaches & Complications

8:00-8:30 AM	Breakfast & Exhibit
8:30-9:00 AM	<p>Transmaxillary Approaches: Angiofibromas and Contralateral Approaches – Techniques & Indications</p> <p>Carl Snyderman, MD</p>
9:00-9:30 AM	<p>Petroclival Meningiomas, Foramen Magnum and Odontoidectomy: Technique & Outcomes</p> <p>Paul Gardner, MD</p>
9:30-10:00 AM	<p>Complex Skull Base Reconstructions: Lateral Nasal Wall Flap and Temporo-Parietal Flap Reconstruction</p> <p>Jayakar Nayak, MD, PhD & Juan Fernandez-Miranda, MD</p>
10:00-10:30 AM	<p>Coffee and Exhibit</p> <p><i>Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR</i> <i>Hands-On: Change into scrubs</i></p>
10:30-11:00 AM	<p>Prosection: Lateral Nasal Wall Flap and Temporo-Parietal Flap Reconstruction</p> <p>Stanford Team</p> <p>Prosection: Transmaxillary Approach & Odontoidectomy</p> <p>UPMC Team</p>
11:00-1:00 PM	<p>Hands-on Session 6: Lateral Nasal Wall Flap and Temporo-Parietal Flap Reconstruction; Transmaxillary approach & Odontoidectomy</p> <p>All Faculty</p> <p><i>Transfer from Clinical Anatomy Lab, CCSR to Lecture, Berg Hall, LKSC</i></p>

1:15-2:00 PM	Lunch Lecture & Discussion Our Worst CSF Leak Complications: Lessons Learned and the Way Forward UPMC & Stanford Teams
2:00-3:30 PM	Vascular Complications & Discussion
2:00-2:30 PM	Carotid Artery Injury: A Worldwide Experience Ahmed Mohyeldin, MD
2:30-3:00 PM	Vascular Complications: UPMC Protocol for Carotid Artery Injury Paul Gardner, MD
3:00-3:30 PM	Endovascular applications in Skull Base Surgery: BTO, Stents and Embolization Robert Dodd, MD, PhD
3:30-4:00 PM	Multicorridor Skull Base Surgery: Selection and Combination of Surgical Approaches Juan Fernandez-Miranda, MD
4:00 PM	FINAL REMARKS & COURSE ADJOURNMENT

