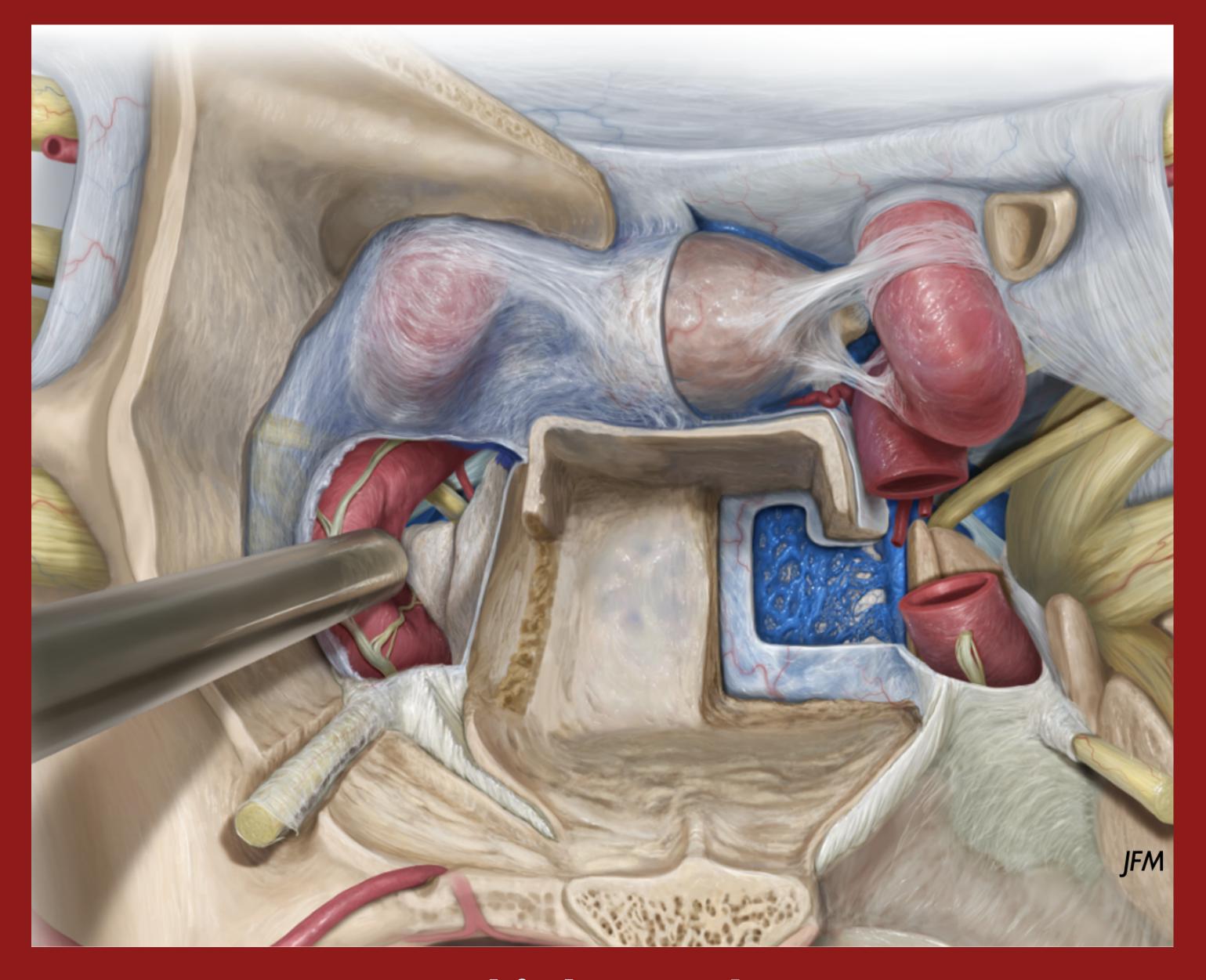


Innovations in Endoscopic Endonasal Skull Base Surgery Course *August 2-5, 2023* 



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



Please scan for course updates & handouts



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

August 2 - 5, 2023

Sponsored by the Stanford University School of Medicine

#### **ACCREDITATION**

In support of improving patient care, Stanford Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

#### **CREDIT DESIGNATION**

### **American Medical Association (AMA)**

Stanford Medicine designates this Live Activity for a maximum of 31.75 *AMA PRA Category 1 CreditsTM*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### **American Board of Surgery (ABS) CC**

Successful completion of this CME activity enables the learner to earn credit toward the CME requirement(s) of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

#### **FACULTY DISCLOSURE**

Stanford Medicine adheres to the Standards for Integrity and Independence in Accredited Continuing Education.

For full disclosure information, please visit: https://stanford.cloud-cme.com/skullsurgery2023

#### **EVALUATION AND CE CREDIT**

Participants will receive an email after the course with a link to an online evaluation survey. To complete the evaluation and access your certificate, log in to your CE account at https://stanford.cloud-cme.com, click the My CE tab, then the Evaluations and Certificates tile, and click Complete Evaluation for this activity. Upon completion of the online evaluation survey and attesting to the number of hours of participation in the activity, you can download a printable certificate for your records.

### **QUESTIONS**

Stanford Center for Continuing Medical Education StanfordCME@stanford.edu 650-497-8554

This CME Activity is supported in part by educational grants from Cook Medical, KARL STORZ Endoscopy-America, Inc., SPIWAY, LLC & Stryker Corporation.

This activity received in-kind support (durable equipment) from the following: Aesculap, Inc., Black Forest Medical Group, Medtronic, Mitaka, Mizuho America, Inc., KARL STORZ Endoscopy-America, Inc., KLS Martin, Peter Lazic, SPIWAY, LLC & Stryker Corporation.

Special Thank You to our exhibitors; Medtronic, Aesculap, Inc., Fehling Surgical Instruments, Inc., KLS Martin, Mitaka, Mizuho America, Inc. & Peter Lazic.



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AND BY COURTESY, OF
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NECK SURGERY
CHIEF, DIVISION OF SKULL BASE
AND PITUITARY SURGERY



PETER H. HWANG

PROFESSOR OF OTOLARYNGOLOGY-HEAD & NECK SURGERY (RHINOLOGY) AND, BY COURTESY, OF NEUROSURGERY

CHIEF, DIVISION OF RHINOLOGY & ENDOSCOPIC SKULL BASE SURGERY



**JAYAKAR V. NAYAK** 

ASSOCIATE PROFESSOR OF OTOLARGYNGOLOGY-HEAD & NECK SURGERY (RHINOLOGY) AND, BY COURTESY, OF NEUROSURGERY



**ZARA M. PATEL** 

PROFESSOR OF OTOLARGYNGOLOGY-HEAD & NECK SURGERY (RHINOLOGY) DIRECTOR, ENDOSCOPIC SKULL BASE SURGERY

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ASSOCIATE PROFESSOR OF NEUROSURGERY, OF RADIOLOGY AND, BY COURTESY, OF OTOLARYNGOLOGY-HEAD & NECK SURGERY



AHMED MOHYELDIN

SKULL BASE CLINICAL INSTRUCTOR, NEUROSURGERY (2019-2021)

ASSISTANT PROFESSOR, NEUROSURGERY, UNIVERSITY OF CALIFORNIA, IRVINE



MICHAEL CHANG

ASSISTANT PROFESSOR, OTOLARGYNGOLOGY-HEAD & NECK SURGERY



**CHRISTINE KYUYOUNG LEE** 

SKULL BASE CLINICAL INSTRUCTOR. NEUROSURGERY

## OHIO STATE FACULTY



**RICARDO CARRAU** 

PROFESSOR, DEPARTMENTS OF OTOLARYNGOLOGY AND NEUROLOGICAL SURGERY



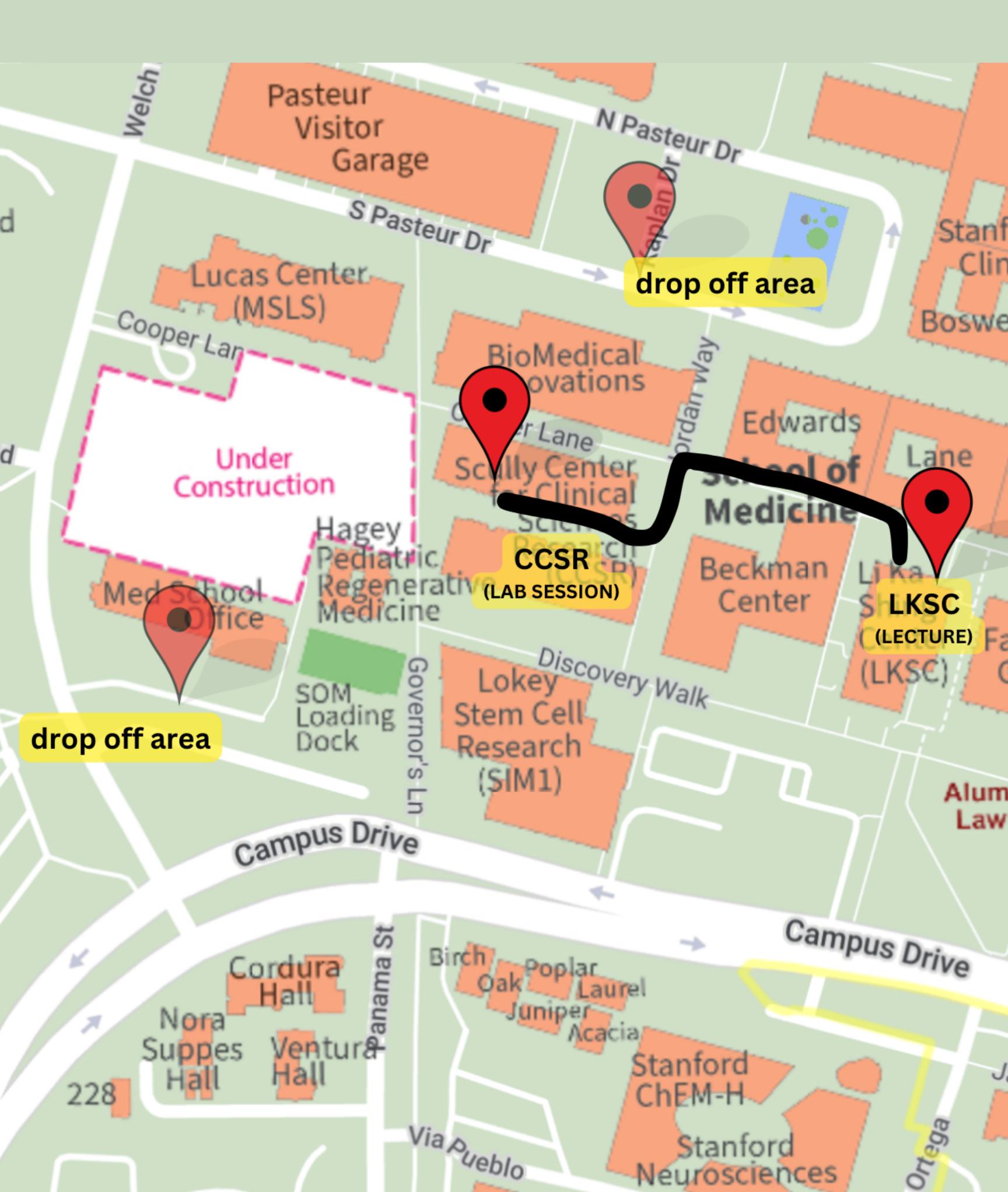
**DANIEL PREVEDELLO** 

PROFESSOR, DEPARTMENTS OF OTOLARYNGOLOGY AND NEUROLOGICAL SURGERY

# Course Locations



# Map from LKSC to CCSR



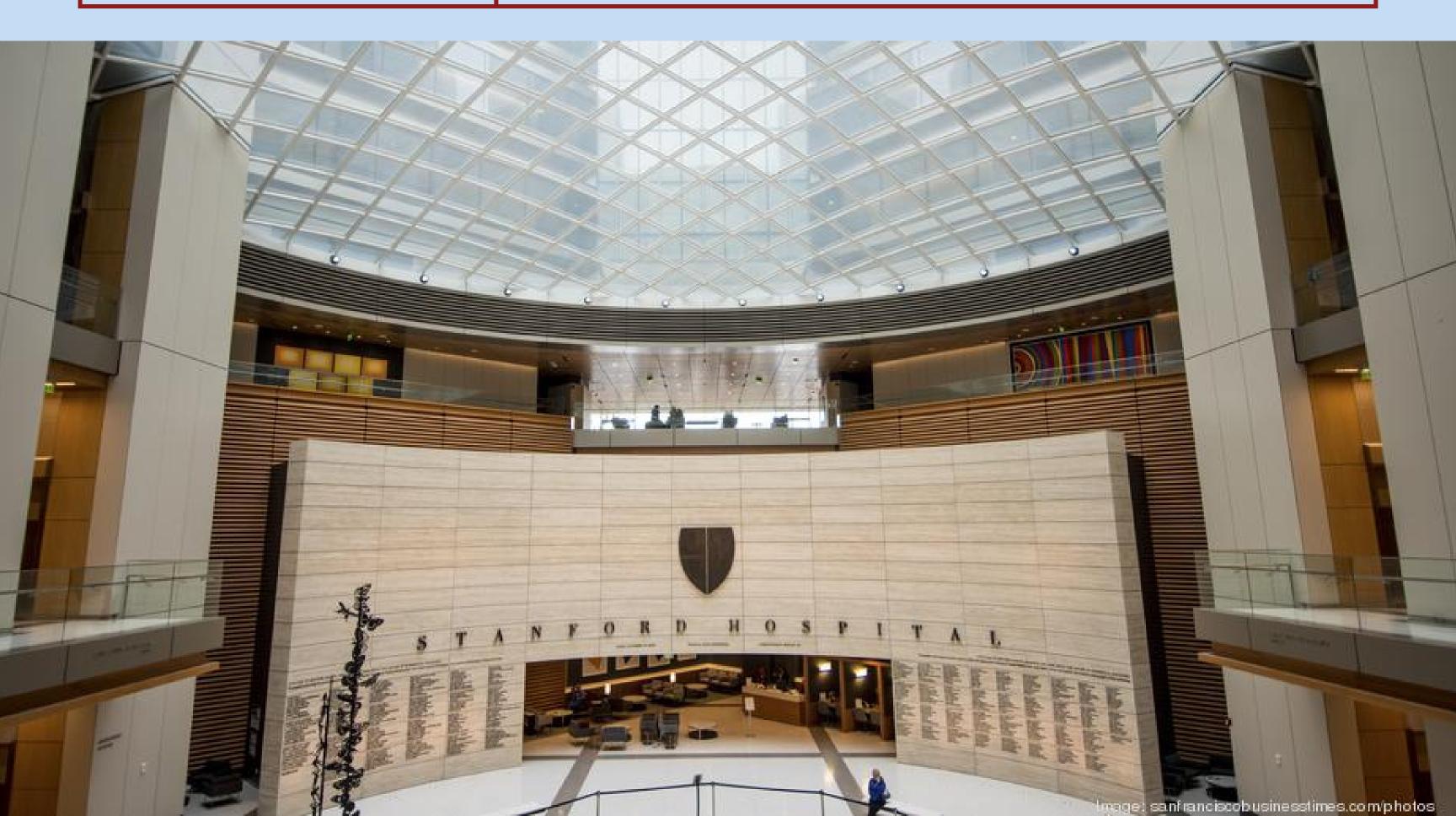
## AGENDA

# DAY 1: Wednesday, August 2, 2023 Pituitary & Cavernous Sinus

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7:30-8:00 AM	Registration, Breakfast & Exhibitor (Berg Hall C) Berg Halls A-C, Second Floor Li Ka Shing Center (LKSC)
8:00-8:30 AM	Welcome Opening Remarks by the Chairs Michael Lim, MD, Neurosurgery Konstantina Stankovic, MD, PhD, Otolaryngology 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	Break: Refreshments, Snacks and Exhibit in Berg Hall C  Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR Hands-On: Change into scrubs

10:30-11:00 AM	Prosection: Approach to Sella and Nasoseptal Flap Stanford Team
11:00-12:30 PM	Hands-on Session 1: Approach to Sella and Nasoseptal Flap All Faculty Transfer from Clinical Anatomy Lab, CCSR to Lecture, Berg Hall, LKSC
12:30-1:00 PM	Lunch & Exhibit
1:00-1:30 PM	Lunch Lecture: Cavernous Sinus Invasion by Adenomas - The Stanford Experience Chrisine Kyuyoung Lee, MD, PhD
1:30-2:00 PM	Transpterygoid approach: Expanding the Access - Technical and Functional Implications  Michael Chang, MD
2:00-2:30 PM	Complex Pituitary Surgery: Subarachnoid Invasion & Giant Adenomas  Daniel Prevedello, MD
2:30-3:00 PM	Break: Refreshments, Snacks and Exhibit  Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR Hands-On: Change into scrubs/wear scrubs
3:00-3:30 PM	Prosection: Transpterygoid/Transcavernous Stanford Team
3:30-5:30 PM	Hands-on Session 2: Transpterygoid/Transcavernous  All Faculty

5:30 PM	AFTERNOON PROGRAM ADJOURNMENT
5:30 PM	EVENING PROGRAM: RECEPTION (Registrants Only) Assembly Hall Rooftop Patio- Third Floor 500 Pasteur Drive Take Hospital Garage Elevator
7:00 PM	Dinner- (Registrants Only) Younger Dining Room-Third Floor M330 (Above Main Hospital Entrance) 500 Pasteur Drive
8:00 PM	Dinner Lecture: "Evolution on Skull Base Surgery: A Personal Perspective" Ricardo Carrau, MD
9:00 PM	EVENING PROGRAM ADJOURNMENT



## DAY 2: Thursday, August 3, 2023 Anterior, Central, Posterior Skull Base

7:30-8:00 AM	Breakfast & Exhibit (Berg Hall C) Berg Halls A-C, Second Floor Li Ka Shing Center (LKSC)
8:00-8:45 AM	3D Surgical Anatomy & Video Illustrations - Anterior and Central Skull Base (Suprasellar and Retrochiasmatic Regions) Juan Fernandez-Miranda, MD
8:45-9:10 AM	Craniopharyngiomas & Suprasellar Meningiomas: Indications & Outcomes  Daniel Prevedello, MD
9:10-9:35 AM	Sinonasal Malignancies Peter Hwang, MD
9:35-10:00 AM	Extradural Pericranial Flap Reconstruction and Combined Transcranial/Endonasal Craniofacial Approaches: Indications and Technique Richard Carrau, MD
	Break: Refreshments, Snacks and Exhibit in Berg Hall C  Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR Hands-On: Change into scrubs/wear scrubs
10:00-10:30 AM	Prosection: Suprasellar, Retrochiasmatic, Pituitary Transposition Stanford Team
10:30 AM-12:30 PM	Hands-on Session 3: Suprasellar, Retrochiasmatic, Pituitary Transposition All Faculty  Transfer from Clinical Anatomy Lab, CCSR to Lecture, Berg Hall, LKSC

12:30-1:00 PM	Lunch & Exhibit
1:00-1:30 PM	Lunch Lecture: Chordomas & Chondrosarcomas: Indications & Outcomes  Daniel Prevedello, MD
1:30-2:00 PM	3D Surgical Anatomy & Video Illustrations – Foramen Lacerum and Petroclival Region  Juan Fernandez-Miranda, MD
2:00-2:30 PM	Skull Base Reconstruction: Anterior, Central, Posterior Skull Base  Zara Patel, MD  Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR Hands-On: Change into scrubs/wear scrubs
2:45-3:15 PM	Prosection: Anterior Craniofacial Resection & Pericranial Flap  Ohio State Team
3:15-5:30 PM	Hands-on Session 4: Anterior Craniofacial Resection & Pericranial Flap All Faculty
5:30 PM	AFTERNOON PROGRAM ADJOURNMENT
5:30-6:30 PM	Optional: Stanford University Campus Tour (bring walking shoes)
	NO EVENING PROGRAM – ENJOY PALO ALTO AT YOUR LEISURE



## DAY 3: Friday, August 4, 2023 Live Surgery

	Live Surgery
7:00-7:30 AM	Breakfast & Exhibit Assembly Hall- Third Floor 500 Pasteur Drive Take Hospital Garage Elevator
7:30-8:00 AM	Stanford OR Setup, Equipment and Instrumentation  Juan Fernandez-Miranda, MD
8:00-8:30 AM	Ohio State OR Setup, Equipment and Instrumentation Ricardo Carrau, MD
8:30-8:45 AM	Live Surgery Cases Presentation Stanford Team
8:45-11:00 AM	Live Surgery Cases Commentary: Sinonasal/Skull Base Approach Ohio State & Stanford Teams
10:30-11:00 AM	Break: Refreshments, Snacks and Exhibit
11:00 AM-2:00 PM	Live Surgery Case/s Commentary: Tumor Resection Ohio State & Stanford Teams
12:00-2:00 PM	Lunch at Assembly Hall- Participants can eat while watching surgery  Transfer from Stanford Hospital to Clinical Anatomy Lab, CCSR  Hands-On: Change into scrubs/wear scrubs
2:30-3:00 PM	Prosection: Transclival, Translacerum, Petrous Apex Ohio State Team

3:00-5:30 PM	Hands-on Session 5: Transclival, Translacerum, Petrous Apex All Faculty
5:30 PM	AFTERNOON PROGRAM ADJOURNMENT
7:00 PM	COURSE BANQUET (Registrants Only) Justine's Room, Palo Alto Sheraton Hotel 624 El Camino Real, CA 94301



# DAY 4: Saturday, August 5, 2023 Extreme Approaches & Complications

8:00-8:30 AM	Breakfast & Exhibit
8:30-9:00 AM	Transmaxillary and Infratemporal Fossa Approaches – Techniques & Indications Ricardo Carrau, MD
9:00-9:30 AM	Meckel's Cave and Lateral Extreme Corridors: Technique & Outcomes  Daniel Prevedello, MD
9:30-10:00 AM	Complex Skull Base Reconstructions: Lateral Nasal Wall Flap and Temporo-Parietal Flap Reconstruction  Jayakar Nayak, MD, PhD
10:00-10:30 AM	Break: Refreshments, Snacks and Exhibit in Berg Hall C  Transfer from Lecture, Berg Hall, LKSC to Clinical Anatomy Lab, CCSR  Hands-On: Change into scrubs/wear scrubs
10:30-11:00 AM	Prosection: Meckel's Cave Approach and Extreme Approaches  Ohio State & Stanford Teams  Prosection: Lateral Nasal Wall Flap and Temporo-Parietal Flap Reconstruction  Ohio State & Stanford Teams
11:00 AM-1:00 PM	Hands-on Session 6: Lateral Nasal Wall Flap and Temporo-Parietal Flap Reconstruction; Meckel's Cave Approach and Extreme Approaches  All Faculty  Transfer from Clinical Anatomy Lab, CCSR to Lecture, Berg Hall, LKSC

1:15-2:15 PM	Lunch Lecture & Discussion: Reconstruction Complications
1:15-1:45 PM	Our Worst CSF Leak Complications: Lessons Learned Stanford Team
1:45-2:15 PM	Our Worst CSF Leak Complications: Lessons Learned Ohio State Team
2:15-3:30 PM	Vascular Complications & Discussion
2:15-2:45 PM	Carotid Artery Injury: A Worldwide Experience Ahmed Mohyeldin, MD, PhD
2:45-3:00 PM	Intraoperative Management of Vascular Injury: Our Experience  Juan Fernandez-Miranda, MD
3:00-3:30 PM	Intraoperative Management of Vascular Injury: Our Experience Ohio State Team
3:30-4:00 PM	3D Multicorridor Skull Base Surgery: Selection and Combination of Surgical Approaches  Juan Fernandez-Miranda, MD
4:00 PM	FINAL REMARKS & COURSE ADJOURNMENT ALL FACULTY



