Stanford Endoscopic Endonasal Skull Base Surgery Course

Thursday, August 15, 2019 • 12:00PM – 7:00PM
LKSC, Stanford, CA
Friday, August 16, 2019 • 7:30AM – 4:30PM
Saturday, August 17, 2019 • 7:30AM – 5:00PM
Dissection Lab, 1860 Barber Lane, Milpitas, CA

Sponsored by the Stanford University School of Medicine

ACCREDITATION
The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION
The Stanford University School of Medicine designates this live activity for a maximum of 22.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements as long as the course is certified for AMA PRA Category 1 Credit™ (rn.ca.gov). Nurses will receive a Certificate of Participation following this activity that may be used for license renewal.

FACULTY DISCLOSURE
The Stanford University School of Medicine adheres to ACCME Criteria, Standards and Policies regarding industry support of continuing medical education.

There are no relevant financial relationships with ACCME-defined commercial interests for anyone who was in control of the content of this activity, except:

**Peter H. Hwang, MD**
Consulting Fees: **Medtronic, Canon, 3NT, Stryker**

**Jayakar V. Nayak, MD**
Advisory Board: **Hydravascular, Inc**
Contracted Research: **Tivic Health, Inc**
Consulting Fees: **Medtronic Inc, Olympus America, COOK Medical, Baxter**

**Zara Patel, MD**
Consulting Fees: **Medtronic, Stryker, Intersect ENT**
COMMERCIAL SUPPORT ACKNOWLEDGEMENT
This CME Activity is supported in part by educational grants from:
Cook Medical, DePuy Synthes, Integra LifeSciences, KARL STORZ, KLS Martin, Olympus, SPIWay, Surgical Theater, Sutter Medical Technologies, USA

In-kind Support:
This activity received in-kind support from the following:
1. APEX Medical  Durable Equipment
2. KARL STORZ  Durable Equipment
3. Medtronic  Durable Equipment, Human parts or tissue
4. KLS Martin  Durable Equipment
5. SPIWay  Disposable Supplies (Non-biological)
6. Sutter Medical Technologies, USA  Durable Equipment

CULTURAL AND LINGUISTIC COMPETENCY
The planners and speakers of this CME activity have been encouraged to address cultural issues relevant to their topic area for the purpose of complying with California Assembly Bill 1195. Moreover, the Stanford University School of Medicine Multicultural Health Portal contains many useful cultural and linguistic competency tools including culture guides, language access information and pertinent state and federal laws. You are encouraged to visit the Multicultural Health Portal: http://lane.stanford.edu/portals/cultural.html.

HOW TO RECEIVE CME CREDIT
The ACCME requires that CME Providers have a mechanism in place to verify physician participation in CME activities. For this conference, please be certain to sign in each morning at the registration desk. Thank you!

COURSE EVALUATION & CME CERTIFICATES
Participants will receive an email one business day after the course with a link to an online evaluation survey. Please complete the survey within 1 week from receipt of this email. Upon completion of the online evaluation survey and attesting to the number of hours of participation in the educational activity, you can download a printable transcript for your records.

QUESTIONS ABOUT CME AND CLAIMING CREDITS
Laura Corbett  Stanford Center for Continuing Medical Education
CME Compliance Coordinator  1520 Page Mill Road • Palo Alto, CA  94304-5190
P: (650) 736-9761  P: (650) 497-8554 • Fax: 650-497-8585
E: laura17@stanford.edu  E: StanfordCME@stanford.edu
**Stanford Endoscopic Endonasal Skull Base Surgery Course**  
**August 15 – 17, 2019**

**Berg Hall, Li Ka Shing Center (LKSC)**  
**291 Campus Drive, Stanford, CA 94305**

**Dissection Lab**  
**1860 Barber Lane, Milpitas, CA 95035**

**Program**  
*(Subject to change)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:00 pm</td>
<td><strong>Registration and Lunch</strong></td>
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<tr>
<td>1:00 pm</td>
<td><strong>Welcome and Introduction</strong></td>
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<tr>
<td></td>
<td><em>Gary Steinberg, MD, PhD, Neurosurgery Chair</em></td>
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<td><em>Robert Jackler, MD, Otolaryngology Chair</em></td>
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<td></td>
<td><em>Peter Hwang, MD and Juan Fernandez-Miranda, MD</em></td>
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<tr>
<td>1:15 pm</td>
<td><strong>3D Surgical Anatomy of the Sinonasal Cavity, Sellar and Suprasellar Regions and Anterior Skull Base</strong></td>
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<td><em>Juan Fernandez-Miranda, MD</em></td>
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<tr>
<td>2:00 pm</td>
<td><strong>Taking the Neurosurgeon to the Skull Base</strong></td>
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<td><em>Peter Hwang, MD</em></td>
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<tr>
<td>2:30 pm</td>
<td><strong>3D Surgical Anatomy and Approaches to the Cavernous Sinus, Meckel’s Cave, Foramen Lacerum and Upper Petroclival Region</strong></td>
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<td><em>Juan Fernandez-Miranda, MD</em></td>
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<td>3:30 pm</td>
<td><strong>Break - Coffee and Snacks</strong></td>
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<tr>
<td>3:45 pm</td>
<td><strong>3D Surgical Anatomy and Approaches to the Lower Petroclival Region, Jugular Foramen, and Foramen Magnum</strong></td>
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<td><em>Juan Fernandez-Miranda, MD</em></td>
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<td>4:30 pm</td>
<td><strong>Reconstructing the Skull Base (Repairing the Neurosurgeon’s Destruction)</strong></td>
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<td><em>Zara Patel, MD</em></td>
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<td>5:00 pm</td>
<td><strong>Postoperative Sinonasal Care and Quality of Life</strong></td>
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<td><em>Jayakar Nayak, MD</em></td>
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<td>5:30 pm</td>
<td><strong>Dinner</strong></td>
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<tr>
<td>6:30 pm</td>
<td><strong>Special Lecture: The Evolution of Skull Base Surgery</strong></td>
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<td><em>Griffith Harsh IV, MD and Dr. Kia Shahlaie MD, PhD</em></td>
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<tr>
<td>8:00 pm</td>
<td><strong>Adjourn</strong></td>
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## Friday, August 16, 2019
### Location: Dissection Lab
1860 Barber Lane, Milpitas, CA
*(Scrubs will be provided)*

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 am – 8:00 am</td>
<td>Sign-In and Breakfast</td>
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| 8:00 am – 8:30 am | Pituitary Surgery: How Do I Do It?  
                      Robert Dodd, MD                                                     |
| 8:30 am – 9:00 am | Complex Pituitary Surgery                                            
                      Juan Fernandez-Miranda, MD                                         |
| 9:00 am - 9:30 am | Sinonasal Malignancies: How Do I Do It?                              
                      Peter Hwang, MD and Zara Patel, MD                                 |
| 9:30 am – 12:00 pm | Lab Time: Nasoseptal Flap, Sellar Approach and Anterior Skull Base  
                      Extradural                                                            
                      All Faculty                                                          |
| 12:00 pm – 12:15 pm | Grab Lunch                                                            |
| 12:15 pm – 1:00 pm | Lunch and Lecture                                                     
                      Endonasal or Transcranial: How To Select Approaches?               
                      Harminder Singh, MD and All Faculty                                 |
| 1:00 pm – 1:30 pm | Surgery in the Suprasellar and Retroinfundibular Regions:            
                      Meningiomas, Cranioopharyngiomas, and Others                        
                      Juan Fernandez-Miranda, MD                                         |
| 1:30 pm – 4:30 pm | Lab Time: Transcavernous and Upper Transclival Approaches            
                      All Faculty                                                          |
| 4:30 pm        | Adjourn                                                               |
| 6:00 pm – 8:30 pm | Dinner: Left Bank, 377 Santana Row- Suite 1100, San Jose, CA 95128  |

Please contact Jennie Visitacion for inquiries:  
[jenniev@stanford.edu](mailto:jenniev@stanford.edu) *(Office) 650-725-4715 (Cell) 650-219-6417*