

Pacific Rim Master Class in Endoscopic Endonasal & Keyhole Surgery

A collaboration between Pacific Neuroscience Institute & University of Colorado

For brain, skull base and pituitary tumors with hands-on microdissection course

PACIFIC
NEUROSCIENCE
INSTITUTE®



Agenda

March 27–29, 2026

Friday, March 27, 2026

| Time | Speaker | Event |
|----------|-------------------------------------------------|-------------------------------------------------------|
| 11:00 am | | Registration & lunch |
| 12:00 pm | Daniel Kelly, Garni Barkhoudarian, Samy Youssef | Welcome & course overview |
| 12:10 pm | Brandon Laing | Live surgery case introduction and approach selection |
| 12:30 pm | Alex Solomon | Neuroophthalmological workup for parasellar tumors |
| 12:45 pm | Noa Tal | Neuroendocrinological work-up of pituitary tumors |
| 1:00 PM | Garni Barkhoudarian, Daniel Kelly | Case discussion / live commentary |
| 5:00 pm | | Welcome reception (PNI) |
| 7:00 pm | | Faculty dinner (Orla) |

Saturday, March 28, 2026

| Time | Speaker | Event |
|----------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:30 am | | Continental breakfast |
| 8:00 am | Nikolai Hopf | Keyhole surgery: supraorbital eyebrow approach |
| 8:15 am | | Q&A |
| 8:20 am | Peter Nakaji | Keyhole variants of pterional operations |
| 8:35 am | | Q&A |
| 8:40 am | Adi Iyer | Keyhole approaches for aneurysm surgery |
| 8:55 am | | Q&A |
| 9:00 am | Walavan Sivakumar | Mini-pterional and transfalcine approaches |
| 9:15 am | | Q&A |
| 9:20 am | Nikolai Hopf | Keyhole approaches to the posterior fossa |
| 9:35 am | | Q&A |
| 9:40 am | Garni Barkhoudarian | Supracerebellar infratentorial approach |
| 10:00 am | Nikolai Hopf, Peter Nakaji | Anatomical dissection: Eyebrow craniotomy, minipterional, transfalcine |
| 12:00 pm | | Lunch |
| 12:15 pm | Prem Subramanian, Doo-Sik Kong, Peter Nakaji, Rachel Blue | Scary cases discussion – keyhole surgery |
| 1:00 pm | Doo-Sik Kong | Basic concept and clinical application of endoscopic transorbital approach for ventral skull base lesions |
| 1:15 pm | | Q&A |
| 1:20 pm | Howard Krauss | Keyhole approaches to intraorbital pathology |
| 1:35 pm | | Q&A |
| 1:40 pm | Prem Subramanian | Outcomes of multimodal approaches for sphenoidal meningiomas |
| 1:55 pm | | Q&A |
| 2:00 pm | Doo-Sik Kong | Endoscopic transorbital versus endoscopic Kawase approaches for petrous apex lesions: differences in surgical field, bone work, and resection capability |
| 2:15 pm | | Q&A |

Saturday, March 28, 2026

| Time | Speaker | Event |
|---------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 2:20 pm | Peter Nakaji | Keyhole approaches to cavernomas |
| 2:35 pm | | Q&A |
| 2:40 pm | Jai Thakur | Staged approaches to skull base tumors |
| 2:55 pm | | Q&A |
| 3:00 pm | Naveed Wagle | Medical management of challenging skull base tumors |
| 3:15 pm | | Q&A |
| 3:30 pm | Doo-Sik Kong & Prem Subramanian Walavan Sivakumar & Garni Barkhoudarian | Anatomical dissection: - Transorbital (eyelid) - Supracerebellar / infratentorial / transtentorial sitting position |
| 6:00 pm | | Adjourn |
| 7:00 pm | | Course dinner (La Puglia) |

Sunday, March 29, 2026

| Time | Speaker | Event |
|----------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:30 am | | Continental breakfast |
| 8:00 am | Daniel Kelly | Endoscopic endonasal surgery: overview |
| 8:15 am | | Q&A |
| 8:20 am | Michael Yong | Flap reconstruction and CSF leak management |
| 8:35 am | | Q&A |
| 8:50 am | Maria Espinosa | Coronal plane approaches: anterior (transorbital) and infrapetrous coronal approaches (medial petrous apex and petroclival) |
| 8:55 pm | | Q&A |
| 9:10 am | Prem Subramanian | Neuro-ophthalmic evaluation and management in association with multidisciplinary care of parasellar tumors |
| 9:15 am | | Q&A |
| 9:20 am | Walavan Sivakumar | Surgical management of craniopharyngioma |
| 9:35 pm | | Q&A |
| 9:40 am | Samy Youssef | Combined open and endoscopic approaches – parasellar / cavernous sinus |
| 10:00 am | | Anatomical dissection: <ul style="list-style-type: none"> • Sagittal plane – transtubercular • Sagittal plane – trans clival • Sagittal plane – odontoid approach |
| 12:00 pm | | Lunch |
| 12:15 pm | Nikolai Hopf, Jai Thakur, Maria Espinosa | Scary cases discussion - endonasal surgery |
| 1:00 pm | Samy Youssef | Olfaction preservation in anterior skull base meningiomas |
| 1:15 pm | | Q&A |
| 1:20 pm | Maria Espinosa | Sinonasal malignancies |
| 1:35 pm | | Q&A |
| 2:00 pm | Jai Thakur | Endonasal approach to the craniovertebral junction |
| 2:15 pm | | Q&A |
| 2:20 pm | Henry Yampolsky | Radiosurgery for pituitary and parasellar tumors |
| 2:35 pm | | Q&A |
| 2:40 pm | Garni Barkhoudarian | Carotid artery injury |
| 3:00 pm | | Anatomical dissection: Endonasal approaches: - Coronal plane – Meckel's cave approach - Carotid injury management |
| 6:00 pm | | Adjourn |