

7th Keyhole & Endonasal Surgery Course FOR BRAIN, PITUITARY & SKULL BASE TUMORS

WITH HANDS-ON DISSECTION

January 31-February 2, 2013

at

Montage

Beverly Hills, California

COURSE DIRECTORS

Daniel F. Kelly, MD

Director, Brain Tumor Center
Saint John's Health Center
John Wayne Cancer Institute
Santa Monica, California

Charlie Teo, MD, MBBS, FRACS

Director, Centre for Minimally Invasive
Neurosurgery • Sydney, Australia

Ricardo L. Carrau, MD, FACS

Professor, Department of Otolaryngology-
Head & Neck Surgery
OSUCCC - James • Columbus, Ohio



SPONSORED BY

Brain Tumor Center & Pituitary Disorders Program



www.endokeyhole.org • www.brain-tumor.org

7th Keyhole & Endonasal Surgery Course

FOR BRAIN, PITUITARY & SKULL BASE TUMORS

WITH HANDS-ON DISSECTION

COURSE TOPICS

- Keyhole approaches for brain, pituitary and skull base tumors including the endonasal endoscopic, supraorbital, minipterional, retromastoid and infratentorial supracerebellar routes
- Decision making in keyhole approach selection for skull base meningiomas, craniopharyngiomas, chordomas, pituitary adenomas, sinonasal carcinomas and intraaxial brain tumors
- Complication avoidance and CSF leak repair techniques in keyhole surgery
- 3-D sinonasal, skull base and intracranial anatomy

COURSE DESCRIPTION

This 3-day CME course will consist of didactic sessions and hands-on dissection of fresh-frozen cadavers focusing on minimally invasive keyhole surgical approaches including the endonasal endoscopic, supraorbital, minipterional, retromastoid and infratentorial supracerebellar routes. Indications, technical nuances, anatomical principles and methods of complication avoidance will be discussed. Additional topics will include instrumentation advances and CSF leak repair techniques.

COURSE OBJECTIVES

At the conclusion of this activity, participants will be able to:

1. Understand the indications, technical nuances and limits of keyhole approaches including the supraorbital, minipterional, retromastoid and infratentorial supracerebellar approach.
2. Understand sinonasal and skull base surgical anatomy.
3. Describe indications for and technical nuances of the endonasal endoscopic approach to the skull base and brain (sella, suprasellar, planum, cavernous sinus, clivus, paranasal sinuses).
4. Describe methods of CSF leak repair and complication avoidance in endonasal endoscopic surgery and in keyhole craniotomies.

TARGET AUDIENCE: Neurosurgeons and Otolaryngologists

Daniel F. Kelly, MD

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Saint John's Health Center
John Wayne Cancer Institute
Santa Monica, California

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Invasive Neurosurgery
Sydney, Australia

Ricardo L. Carrau, MD, FACS

Professor, Department of
Otolaryngology - Head
& Neck Surgery
OSUCCC - James
Columbus, Ohio

Faculty

Garni Barkhoudarian, MD

Brain Tumor Center and
Pituitary Disorders Program
Saint John's Health Center
John Wayne Cancer Institute
Santa Monica, California

Chester F. Griffiths, MD, FACS

Assistant Clinical Professor, Dept. of
Surgery, Division of Head and Neck
Surgery & Dept. of Family Practice
David Geffen School of Medicine at UCLA
Los Angeles, California

Howard R. Krauss, MD

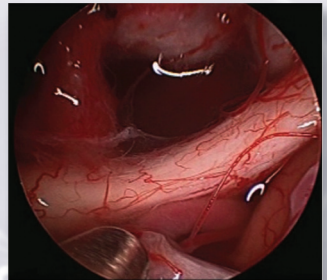
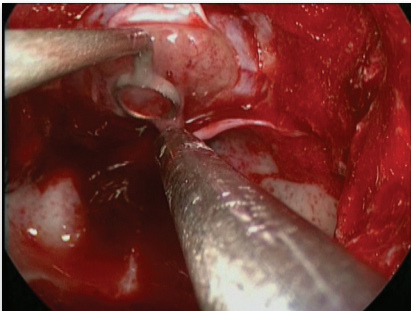
Clinical Professor of Ophthalmology
and Neurosurgery
David Geffen School of Medicine at UCLA
Los Angeles, California

Peter Nakaji, MD

Professor of Neurosurgery
Creighton University School of Medicine
Director, Division of Minimally Invasive
Neurosurgery
Barrow Neurological Institute
Phoenix, Arizona

Daniel M. Prevedello, MD

Assistant Professor
Department of Neurological Surgery
OSUCCC - James
Columbus, Ohio



AGENDA

THURSDAY, JANUARY 31, 2013

Keyhole Craniotomy Approaches For Brain & Skull Base Tumors

- 7:30 a.m. **Registration and Continental Breakfast**
- 8:00 Introduction & Keyhole Concept Overview – *Daniel Kelly, Charlie Teo*
- 8:30 Supraorbital & Minipterional Approaches – *Charlie Teo*
- 9:00 Retromastoid & Infratentorial Supracerebellar Approach – *Peter Nakaji*
- 9:30 Keyhole Approaches for Intraaxial Brain Tumors – *Daniel Kelly*
- 10:00 **Break**
- 10:30 Skull Base 3-D Anatomy – *Daniel Prevedello*
- 11:00 Conventional Over Keyhole: When & Why – *Peter Nakaji*
- 11:30 Supraorbital vs Endonasal Approach: Point/Counter-Point
Charlie Teo, Daniel Kelly
- 12:00 p.m. Neuro-Ophthalmology 101, Orbital and Orbital Apex Tumors
Howard Krauss
- 12:30 **Lunch**
- 1:30 **Lab #1:** Supraorbital, Minipterional, Retromastoid, Infratentorial
Supracerebellar, Transfalx
- 4:30 Sinonasal and Parasellar Endoscopic 3-D Anatomy – *Daniel Prevedello*
- 5:00 **End of Day 1**
- 6:00 **Welcome Reception**

FRIDAY, FEBRUARY 1, 2013

Endonasal Endoscopic Approach for Pituitary and Parasellar Tumors

- 7:30 a.m. **Continental Breakfast**
- 8:00 Endonasal Endoscopic Surgery Essentials – *Ricardo Carrau*
- 8:30 Endoscopic Removal of Pituitary Adenomas & RCC: Maximizing
Resection & Gland Preservation – *Daniel Kelly*
- 9:00 Functional Pituitary Adenomas – Is Remission More Likely In the
Endoscopic Era & Why – *Garni Barkhoudarian*
- 9:30 Extended Approach for Suprasellar and Planum Tumors – *Daniel Prevedello*
- 10:00 **Break**
- 10:30 Extended Approach for Infraselar, Clival and Petroclival Tumors
Charlie Teo
- 11:00 Endonasal CSF Leak Repair Strategies – *Daniel Kelly*
- 11:30 Nasoseptal and Other Alternative Flaps For Skull Base Reconstruction
Ricardo Carrau
- 12:00 p.m. Rescue Flaps, Sinonasal Preserving Approaches & Post-Operative Care
Chester Griffiths

FRIDAY, FEBRUARY 1, 2013, continued

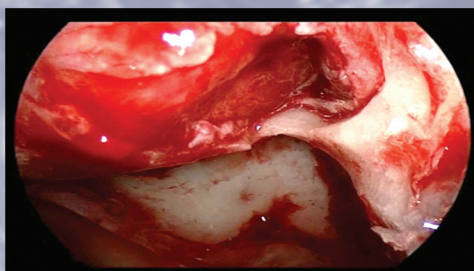
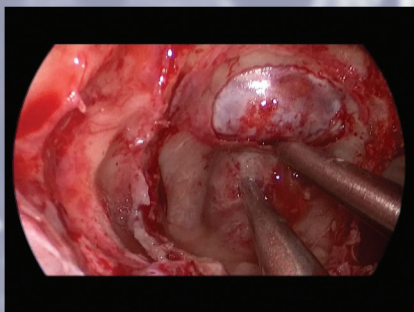
12:30	Lunch
1:00	Anatomy & Endoscopic Approach to Meckel's Cave Lesions <i>Daniel Prevedello</i>
1:30	Lab #2: Endonasal Approach to Sella, Planum, Clivus & Meckel's Cave; Nasoseptal Flap
5:30	End of Day 2
7:00	Course Dinner

SATURDAY, FEBRUARY 2, 2013

Case Selection, Complication Avoidance & Live Surgery

(At Saint John's Health Center – transportation will be provided)

7:30 a.m.	Continental Breakfast
8:00	Approach Selection & Complication Avoidance – <i>All Faculty</i>
9:00	Live Surgery – <i>Daniel Kelly, Chester Griffiths</i>
12:30 p.m.	Lunch
1:00	Adjourn



COURSE LOCATION



A block of rooms has been reserved at:

Montage Beverly Hills

225 North Canon Drive
Beverly Hills, CA 90210

888.860.0788

www.montagebeverlyhills.com

For reservations call 888.860.0788 and mention the "7th Keyhole Course" to get the special rate of \$285 per night plus taxes.

Cut-off date: December 31, 2012

AIRPORT TRANSFER TIME REFUNDS

Los Angeles International Airport (LAX)

14 miles/30 minutes

Bob Hope Airport (BUR)

13 miles/35 minutes

Long Beach Airport (LGB)

32 miles/45 minutes

Cancellations must be received in writing by November 15, 2012 and will be subject to a \$200 processing fee. No refunds will be given after that date. Academic Event Management reserves the right to cancel, discontinue or reschedule this program at any time and will assume no financial obligation to the registrants in the event of a cancellation. In case of cancellation, registration fees will be refunded in full.

ACCREDITATION



**Saint John's
Health Center**

Breakthrough Medicine. Inspired Healing.™

Saint John's Health Center (SJHC) is accredited by the Institute for Medical Quality/California Medical Association to provide continuing medical education for physicians. SJHC takes responsibility for the content, quality and scientific integrity of this CME activity. SJHC designates this educational activity for a maximum of twenty and one-half (20.5) *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity. This credit may also be applied to the CMA Certification in Continuing Medical Education.

ACKNOWLEDGEMENT

This course is supported in part by educational grants from the following companies at press time: Biomet Microfixation, Carl Zeiss Meditec, Inc., KARL STORZ Endoscopy-America, KLS Martin Group, Mizuho America Inc., NICO Corporation, Stryker, Synthes Anspach.

DISCLOSURE STATEMENT

The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is "truly independent" and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program's participants. In addition, Accreditation Council for Continuing Medical Education policy now mandates that the sponsor adequately manages all identified potential conflicts of interest prior to the program. We, at Saint John's Health Center, fully endorse the letter and spirit of these concepts.

REGISTRATION

7th Keyhole & Endonasal Surgery Course January 31-February 2, 2013

TUITION

\$2,500

Space is limited! Please print clearly.

SPECIALTY

DEGREE

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Visa MasterCard Discover American Express

Card Number

Expiration

Signature

Send completed enrollment form to: **Academic Event Management**

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