

FOURTH ANNUAL COURSE FOR MICROSCOPIC AND ENDOSCOPIC APPROACHES TO THE SKULL BASE

University of Colorado School of Medicine

Center for Surgical Innovations (C.S.I) & J.W. Marriott Cherry Creek

March 14-17, 2018

COURSE PROGRAM

Wednesday: 3/14/2018 Registration & Opening Reception at J.W. Marriott Cherry Creek & (Optional Ski Day)

- 8:00 AM **Skiing** – Loveland Resort (Shuttle returns to Denver at 4:00 pm)
- 6:30 PM **Registration & Welcome Reception** – Salon Room 1 & 2
- 7:00 PM **Dinner** - Salon Room 1 & 2

Thursday 3/15/2018: Endoscopic Central and Lateral Skull Base

- 6:30 AM **Shuttle from J.W. Marriott Hotel to C.S.I.**
- 7:00-7:30 AM **Breakfast – FRA Boardroom**
- 7:30-10:00 AM** **Didactic Session – Central Skull Base**
- 7:30-7:40 AM Introduction and opening remarks - *Kevin Lillehei MD, Samy Youssef MD, PhD*
- 7:40- 8:10 AM 3-D Endoscopic anatomy of the skull base – *Jeffrey Sorenson MD*
- 8:10-8:30 AM Endoscopic endonasal surgery for Craniopharyngiomas- *Kevin Lillehei MD*
- 8:30-8:50 AM Midline anterior skull base meningiomas- *Samy Youssef MD, PhD*
- 8:50-9:20 AM Principles of endoscopic approaches to the central skull base- *Ricardo Carrau MD*
- 9:20-9:40 AM Craniocervical junction lesions- *James Evans MD*
- 9:40-10:00 AM Skull base reconstruction after endoscopic procedures- *Vijay Ramakrishnan MD*
- 10:00-10:15 AM Break in the Exhibit area
- 10:15-1:15 PM** **Hands on Cadaveric Dissection**
Endonasal approaches to central skull base
Ricardo Carrau MD; James Evans MD; Anne Getz MD; Vijay Ramakrishnan MD; Samy Youssef MD, PhD
- 1:00-2:00 PM **Lunch and Complications Discussions**
Ricardo Carrau MD; James Evans MD; Kevin Lillehei MD; Karl Schaller MD
- 2:00-3:40 PM** **Didactic Session – Lateral Skull Base**
- 2:00-2:30 3-D Anatomy of the temporal bone/posterior fossa - *Jeffrey Sorenson MD*
- 2:30-3:00 Principles of endoscopic approaches to the lateral skull base and infratemporal fossa – *Ricardo Carrau MD*
- 3:00-3:20 Surgical management of chordomas/chondrosarcomas – *James Evans MD*
- 3:20-3:40 Postoperative care after endonasal surgery- *Vijay Ramakrishnan MD*
- 3:40-3:55 PM Break in the Exhibit area
- 3:55-6:45 PM** **Hands on Cadaveric Dissection**
Endonasal approaches to lateral skull base and infratemporal fossa
Ricardo Carrau MD; James Evans MD; Anne Getz MD; Vijay Ramakrishnan MD; Samy Youssef MD, PhD
- 6:45-8:45 PM** **Cocktail Reception in the CSI Lab**
- 8:45 PM** **Shuttle back to JW Marriott**

Friday: 3/16/2018 Anterior & Lateral Skull Base

- 6:30 AM **Shuttle from J.W. Marriott Hotel to C.S.I.**
- 7:00-7:30 AM **Breakfast – FRA Boardroom**
- 7:30-10:00 AM **Didactic Session – Anterior Skull Base - CSI Conference Room**
7:30-8:00 AM 3-D Anterior fossa/cavernous sinus anatomy – *Jeffrey Sorenson MD*
8:00-8:30 AM Variations of Orbitozygomatic Approach, Orbitocranial Approach, and
 Transzygomatic approach- Cavernous sinus exposure- *Takanori Fukushima MD*
8:30-8:50 AM Mobilization of the lateral wall of the cavernous sinus – *Samy Youssef MD, PhD*
8:50-9:10 AM Keyhole Concept Craniotomy – *Jamie Van Gompel MD*
- 9:10-9:20 AM Group Photo**
- 9:20-1:00 PM **Hands on Cadaveric Dissection**
Orbitozygomatic approach/Keyhole/Cavernous sinus
Mustafa Baskaya MD; Takanori Fukushima MD; Jamie Van Gompel MD; Samy Youssef MD, PhD
- Breakout Session with Dr. Carrau (ENT)**
- 1:00-2:00 PM **Lunch & Operative Video Session - CSI Conference Room**
Mustafa Baskaya MD; Takanori Fukushima MD; James Liu MD; Karl Schaller MD
- 2:00-3:50 PM **Didactic Session – Lateral Skull Base - CSI Conference Room**
- 2:00-2:20 PM Middle Fossa Approach – *Samuel Gubbels MD*
2:20-2:40 PM Retrosigmoid approach – *James Liu MD*
2:40-3:00 PM Far lateral approach – *Mustafa Baskaya MD*
3:00-3:30 PM Augmented reality as an adjunct for skull base and cerebrovascular surgery- *Karl Schaller MD*
- 3:30-3:45 PM Break in The Exhibit Area
- 3:45-6:45 PM **Hands on Cadaveric Dissection**
- Middle Fossa approach**
Samuel Gubbels MD; James Liu MD; Samy Youssef MD, PhD
- Far lateral/Retrosigmoid approach**
Mustafa Baskaya MD; Karl Schaller MD; James Evans MD
- 6:45 PM Shuttle from C.S.I. to J.W. Marriott**
- 7:45 PM Shuttle from JW Marriott to Bittersweet Restaurant**
- 8:00 – 10:00 PM Dinner at Bittersweet Restaurant**

Saturday: 3/17/2018

Middle & Posterior Fossae

- 6:30 AM **Shuttle from J.W. Marriott to C.S.I.**
- 7:00-7:30 AM **Breakfast - FRA Boardroom**
- 7:30-9:30 AM **Didactic Session - CSI Conference Room**
- 7:30-8:00 AM 3-D anatomy of the Jugular foramen/upper neck – *Jeffrey Sorenson MD*
- 8:00-8:20 AM Jugular foramen tumors - *James Liu MD*
- 8:20-8:40 AM Transmastoid posterior petrosal and translabyrinthine approaches – *Stephen Cass MD*
- 8:40-9:00 AM Surgical exposure of the jugular foramen and upper neck dissection – *John Song MD*
- 9:00- 9:20 AM Psychophysiological Assessment and Monitoring – *Karl Schaller MD*
- 9:20-9:35 AM Break in The Exhibit Area
- 9:35-4:00 PM**
- Hands on Cadaveric Dissection**
Posterior Petrosal Approaches
Mustafa Baskaya M; Stephen Cass MD; Samuel Gubbels MD; James Liu MD
- Jugular Foramen and Upper Neck Dissection**
Stephen Cass MD; Samuel Gubbels MD; James Liu MD; John Song MD
- 12:00-1:00 PM **Lunch & 3-D Operative Video Session - CSI Conference Room**
Mustafa Baskaya MD ; James Liu MD; Samy Youssef MD, PhD
- 2:50 PM **Closing Remarks and Adjourn**
- 3:00 PM **Shuttle from C.S.I to Airport**
- 4:00 PM **Shuttle from C.S.I. to Airport – II** (For people who would like to spend extra time in the lab)