SIXTH ANNUAL COURSE FOR MICROSCOPIC AND ENDOSCOPIC APPROACHES TO THE SKULL BASE
University of Colorado School of Medicine
Center for Surgical Innovations (C.S.I) & Halcyon Cherry Creek
March 18-21, 2020

Wednesday: 3/18/2020

8:00 AM  Shuttle departs for optional ski day at Loveland Ski Area
  **must let Jenny know if you are attending prior to arriving in Denver!**

Registration & Opening Reception
Halcyon Hotel Cherry Creek

6:30 PM  Registration & Welcome Reception & Cocktails – Rooftop Halcyon Hotel

7:00 PM  Dinner - Arbor Room Halcyon Hotel

Thursday: 3/19/2020  Anterior & Lateral Skull Base

7:00 AM  Shuttle from Halcyon to C.S.I.

7:30-8:00 AM  Breakfast - CSI

8:00-10:15 AM  Didactic Session - Anterior Skull Base - CSI Conference Room

8:00-8:15 AM  Welcome and opening remarks - Kevin Lillehei MD and Samy Youssef MD, PhD

8:15-8:30 AM  3-D Anterior fossa/cavernous sinus anatomy - Jeffrey Sorenson MD

8:30-9:00 AM  Variations of Orbitozygomatic Approach – Takanori Fukushima MD

9:00-9:15 AM  Surgical exposure of the cavernous sinus - Samy Youssef MD, PhD

9:15-9:30 AM  Eyebrow incision and keyhole craniotomy - Kevin Lillehei MD

9:30-9:45 AM  Avoiding venous complications – Tiit Mathiesen MD

9:45-10:00 AM  Break in Exhibit Area

10:00-1:00 PM  Hands on Cadaveric Dissection - Orbitozygomatic Approach/Keyhole/Cavernous Sinus
  Takanori Fukushima

1:00-2:00 PM  Lunch & Operative Video Session - CSI Conference Room
  Takanori Fukushima, Mustafa Baskaya MD, Torstein Meling MD, James Evans MD

2:00-3:15 PM  Didactic Session - Lateral Skull Base - CSI Conference Room

2:00-2:15 PM  3D temporal bone anatomy - Jeffrey Sorenson MD

2:15-2:30 PM  Middle Fossa Approach - Samuel Gubbels MD

2:30-2:45 PM  Retrosigmoid Approach – Torstein Meling MD

2:45-3:00 PM  Far Lateral Approach – James Liu MD

3:00-3:15 PM  Petroclival meningiomas: Tiit Mathiesen MD
3:15-6:45 PM  Hands-on Cadaveric Dissection

Middle Fossa Approach
Samuel Gubbels MD, Yoichi Nonaka MD, Mustafa Baskaya MD, Samy Youssef MD, PhD

Retrosigmoid Approach and Far Lateral Approach
Tiit Mathiesen MD, Torstein Meling MD, James Evans MD, James Liu MD

6:45 PM  Cocktails and Hors d’oeuvre Exhibit Area
7:00 PM  Reception at the CSI
9:00 PM  Shuttle back to Halcyon Hotel

Friday: 3/20/2020  Endoscopic Central & Lateral Skull Base

7:00 AM  Shuttle from Halcyon to CSI
7:30-8:00 AM  Breakfast – FRA Boardroom

8:00-9:45 AM  Didactic Session – Central Skull Base
8:00-8:15 AM  3-D Endoscopic anatomy of the central skull base – Jeffrey Sorenson MD
8:15-8:30 AM  Pituitary adenomas – Daniel Kelly MD
8:30-8:45 AM  Craniopharyngiomas – James Evans MD
8:45-9:00 AM  Midline anterior skull base meningiomas - Samy Youssef MD, PhD
9:00-9:15 AM  Chordomas – Sebastien Froelich MD
9:15-9:30 AM  Sinonasal Cancer – Vijay Ramakrishnan MD
9:30-9:45 AM  Skull base reconstruction after endoscopic procedures – Daniel Kelly MD

9:45-10:00 AM  Group Photo

10:00-1:00 PM  Hands on Cadaveric Dissection
Endonasal approaches to central skull base
Daniel Kelly MD, James Liu MD, Gabriel Zada MD, Anne Getz MD, Vijay Ramakrishnan MD

1:00-2:00 PM  Lunch and Complications Discussions
Daniel Kelly MD, Tiit Mathiesen MD, Torstein Meling MD, Mustafa Baskaya MD,

2:00-3:30 PM  Didactic Session – Lateral Skull Base
2:00-2:15 PM  3-D Endoscopic anatomy of the lateral skull base - Jeffrey Sorenson MD
2:15-2:45 PM  Endoscopic approaches to the lateral skull base and infratemporal fossa – Sebastien Froelich MD
2:45-3:00 PM  Endoscopic approaches to the cavernous sinus – Daniel Kelly MD
3:00-3:15 PM  Safe Exposure of the petrous/paraclival ICA – Gabriel Zada MD
3:15-3:30 PM  Postoperative care after endonasal surgery - Anne Getz

3:30-6:00 PM  Hands on Cadaveric Dissection
Endonasal approaches to lateral skull base and infratemporal fossa
Sebastien Froelich MD, Daniel Kelly MD, James Evans MD, Vijay Ramakrishnan MD, Samy Youssef MD, PhD

Practice on Carotid Artery Perfusion Model
Gabriel Zada MD

6:00 PM  Shuttle back to Halcyon

7:30 PM  Shuttle to Bittersweet Restaurant

7:45-10:15 PM  Dinner at Bittersweet Restaurant

10:30 PM  Shuttle back to Halcyon

Saturday: 3/21/2020  Lateral Skull Base & Jugular Foramen

7:00 AM  Shuttle from Halcyon to C.S.I

7:30-8:00 AM  Breakfast – CSI

8:00-10:00 AM  Didactic Session - CSI Conference Room
8:00-8:15 AM  3-D Anatomy of the jugular foramen/upper neck - Jeffrey Sorenson MD
8:15-8:45 AM  Global exposure of the lateral skull base and the jugular foramen region with fasciogaleal flap reconstruction - Yoichi Nonaka MD, PhD
8:45-9:15 AM  Posterior transpetrosal and translabyrinthine approaches - Stephen Cass MD
9:15-9:45 AM  Surgical exposure of the jugular foramen and upper neck dissection - John Song MD
9:45-10:00 AM  Combined Endoscopic/Open approaches to the lateral Skull Base-Samy Youssef MD

10:00-10:15 AM  Break in Exhibit Area

10:15-1:00 PM  Hands-on Cadaveric Dissection
Posterior petrosal approaches, jugular foramen, and upper neck dissection
Yoichi Nonaka MD, PhD, Stephen Cass MD, John Song MD, Julie Goddard MD

1:00-2:00 PM  Lunch & 3-D Operative Video Session - CSI Conference Room
Sebastien Froelich MD, Mustafa Baskaya MD, Gabriel Zada MD, James Liu MD,

2:00-4:00 PM  Hands-on Cadaveric Dissection
Jugular foramen and upper neck dissection

4:00 PM  Closing Remarks and Adjourn

4:15PM  Shuttle to DIA