

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

University of Colorado School of Medicine
Center for Surgical Innovations (C.S.I)
& The Benson Hotel
November 8-11, 2023

Wednesday: 11/8/2023

Optional Ski Day

Registration & Opening Reception Benson Hotel

6:30 PM Registration & Welcome Reception & Cocktails

7:00 PM Dinner – Benson Hotel

Thursday: 11/9/2023

Anterior & Lateral Skull Base

7:00-7:30 AM Breakfast – Benson Hotel

7:45-8:00 AM Introduction and Opening Remarks -Dr. Samy Youssef - Fitzsimmons Conference Room-CSI

8:00-10:00 AM **Didactic Session: Anterolateral Approaches & Cavernous Sinus**

8:00-8:15 AM 3-D Anterior fossa/cavernous sinus anatomy – Dr. Maria Peris Celda

8:15-8:30 AM Pterional approach- Dr. Torstein Meling

8:30-8:45 AM Eyebrow supraorbital approach- Dr. Henry Schroeder

8:45-9:00 AM Orbitozygomatic Approach and its variations- Dr. James Liu

9:00-9:15 AM Anterior Clinoidectomy- Dr. Carolina Benjamin

9:15-9:30 AM Surgical exposure of the cavernous sinus – Dr. Samy Youssef

9:30-9:45 AM Bifrontal Approach- Dr. Michael McDermott

9:45-10:00 AM Mixed Reality in Skull Approaches- Tristan van Doormal

10:00 AM-1:00 PM **Hands on Cadaveric Dissection – Eyebrow/Orbitozygomatic Approach/Cavernous Sinus**
Drs. Henry Schroeder, James Liu, Carolina Benjamin and Samy Youssef

1:00-2:00 PM **Lunch & Operative Video/Complication Session -Fitzsimmons Conference Room**

Dr. Michael McDermott-10 mins

Dr. Mustafa Baskaya- 10 mins

Dr. Shaan Raza- 10mins

Dr. James Liu- 10 mins

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

2:00-2:15 PM 3D temporal bone anatomy – Dr. Maria Celda

2:15-2:30 PM Orbital Tumors and Approaches-Dr. Torstein Meling

2:30-2:45 PM Parasellar Meningiomas- Dr. Carolina Benjamin

2:45-3:00 PM Middle Fossa Approach – Dr. Samuel Gubbels

3:00-3:15 PM Hearing Function in vestibular schwannoma- Dr. Ashley Nassiri

3:15-3:30 PM Vestibular Schwannoma -Dr. Jamie Van Gompel

3:30-3:45 PM Petroclival Meningiomas- Dr. Takeo Goto

3:45-4:00 PM **Coffee break with the Exhibitors**

4:00-6:30 PM **Hands-on Cadaveric Dissection**

Middle Fossa/Anterior petrosal Approach

Drs. Samuel Gubbels, Van Gompel, Nassiri, Meling

6:30 - 7:00 PM **Aperitif and Hors d'oeuvre with the exhibitors**

7:00 - 9:00PM **Wine tasting and Dinner at CSI**

9:00 PM **Walk to the Benson**

Friday: 11/10/2023 Endoscopic Central & Lateral Skull Base

7:00-7:45 AM **Breakfast - Benson Hotel**

8:00-10:35 AM **Didactic Session - Central Skull Base- Fitzsimmons Conference Room-CSI**

8:00-8:15 AM 3-D Endoscopic anatomy of the central skull base - Dr. Maria Peris Celda

8:15-8:30 AM Pituitary adenomas -Dr. Garni Barkhoudarian

8:30-8:45 AM Management of Craniopharyngiomas - Danny Prevedello

8:45-9:00 AM Transplanum Transtubercular Approach - Dr. Garni Barkhoudarian

9:00-9:15 AM Transclival Approaches and Chordomas -Dr. Shaan Raza

9:15-9:30 AM Endoscopic Approach to the cavernous sinus- Dr. Danny Prevedello

9:30-9:45 AM Skull base reconstruction after endoscopic procedures - Dr. Ash Khanwalker

9:45-10:00 AM **Coffee break with Exhibitors**

10:00-10:15 AM **Group Photo**

10:15-12:00 PM **Hands on Cadaveric Dissection- Endonasal Approaches to Central Skull Base**

Drs. Danny Prevedello, Garni Barkhoudarian, Shaan Raza, Ash Khanwalker, Anne Getz

12:00-1:00 PM **Lunch and Complications Discussions**

Dr. Henry Schroeder- 10 mins

Dr. Danny Prevedello - 10 mins

Dr. Takeo Goto- 10 mins

Dr. Samer Elbabaa - 10 mins

1:00-3:40 PM **Didactic Session - Lateral Skull Base**

1:00-1:15 PM 3-D Endoscopic anatomy of the lateral skull base - Dr. Maria Celda

1:15-1:30 PM Endoscopic transpterygoid approaches to the lateral skull base - Dr. Danny Prevedello

1:30-1:45 PM Endoscopic far medial approach to the foramen magnum - Dr. Takeo Goto

1:45-2:00 PM Management of vascular injuries during endoscopic procedures- Dr. Samy Youssef

2:00-2:15 PM Postoperative care after endonasal endoscopic surgery -Dr. Anne Getz

2:15-2:30 PM **Coffee Break with Exhibitors**

2:30-6:00 PM **Hands on Cadaveric Dissection**
Endonasal approaches to lateral skull base and infratemporal fossa
Drs. Danny Prevedello, Takeo Goto, Anne Getz, Ash Khanwalker, Samy Youssef

6:15 PM **Back to the Benson**

7:30 PM **Shuttle to Tavernetta for Faculty Dinner**

10:00 PM **Shuttle back to the hotel**

Saturday: 11/11/2023 **Posterior Fossa & Jugular Foramen**

7:00-7:45 AM **Breakfast – Benson Hotel**

8:00-10:00 AM **Didactic Session – Posterior Fossa- Fitzsimmons Conference Room- CSI**
8:00-8:15 AM 3-D Anatomy of the posterior fossa - Dr. Maria Peris Celda
8:15-8:30 AM Retrosigmoid Approach- Dr. Jamie Van Gompel
8:30-8:45 AM Keyhole approaches to the posterior fossa-Dr. Henry Schroeder
8:45-9:00 AM Far Lateral Approach- Dr. Mustafa Baskaya
9:00-9:15 AM Pineal tumors- Dr. Samer Elbabaa
9:15-9:30 AM Combined approaches to posterior fossa- Dr. James Liu
9:30-9:45 AM Petrous face meningiomas - Dr. Michael McDermott

9:45-10:00 AM **Coffee break**

10:00-1:00 PM **Hands on Cadaveric Dissection**
Retrosigmoid Approach
Drs. Michael McDermott, Schroeder, Jamie Van Gompel
Far Lateral Approach
Drs. Mustafa Baskaya, Samy Youssef, Shaan Raza

1:00-2:00 PM **Lunch and Case/Complication presentation**
Dr. Torstein Meling- 10 mins
Dr. Jamie Van Gompel- 10 mins
Dr. Garni Barkhoudarian- 10 mins
Dr. Mustafa Baskaya- 10 mins

2:00-3:15 PM **Didactic Session-Jugular Foramen**
2:00-2:15 PM 3-D Anatomy of the jugular foramen- Dr. Maria Peris Celda
2:15-2:30 PM Posterior transpetrosal and translabyrinthine approaches- Dr. Stephen Cass
2:30-2:45 PM Jugulotympanic paragangliomas- Dr. Samy Youssef
2:45-3:00 PM Transtemporal approaches to the Jugular foramen and infratemporal fossa- Dr. Shaan Raza
3:00-3:15 PM Transcervical Exposure of the jugular foramen region and infratemporal fossa
Dr. Brian Cervenka

3:15-5:00 PM **Hands-on Cadaveric Dissection**
Posterior petrosal approaches, jugular foramen, and upper neck dissection
Drs. Stephen Cass, Brian Cervenka, Shaan Raza, Takeo Goto