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
3-D Anterior fossa/cavernous sinus anatomy – Dr. Maria Peris Celda
Pterional approach- Dr. Torstein Meling
Eyebrow supraorbital approach- Dr. Henry Schroeder
Orbitozygomatic Approach and its variations- Dr. James Liu
Anterior Clinoidectomy- Dr. Carolina Benjamin
Surgical exposure of the cavernous sinus – Dr. Samy Youssef
Bifrontal Approach- Dr. Michael McDermott
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
3-D temporal bone anatomy – Dr. Maria Celda
Orbital Tumors and Approaches-Dr. Torstein Meling
Parasellar Meningiomas- Dr. Carolina Benjamin
Middle Fossa Approach – Dr. Samuel Gubbels
Hearing Function in vestibular schwannoma- Dr. Ashley Nassiri
Vestibular Schwannoma –Dr. Jamie Van Gompel
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 transfarygoid 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