

Department of Neurological Surgery

16th Annual Masters' Course in Skull Base Surgery



**Center for Advanced Medical Learning and Simulation
(CAMLs)**

Tampa, FL

March 29th - 31st, 2018

COURSE DIRECTORS

Siviero Agazzi, MD, MBA, FACS

Professor and Director,
Division of Cranial Surgery
Department of Neurosurgery & Brain Repair
University of South Florida

Kestutis Paul Boyev, MD

Associate Professor
Division Chief
Department of Otolaryngology Head & Neck Surgery
University of South Florida

FACULTY

Harry van Loveren, MD David W. Cahill Professor and Chair Department of Neurosurgery & Brain Repair University of South Florida Tampa, FL	Morten Lund-Johansen, MD Professor Department of Neurosurgery University of Bergen Bergen, Norway
Jin-cao Chen MD Professor, Chief Neurosurgery Department Zhongnan Hospital of Wuhan University Wuhan, China	Ricardo Carrau, MD Professor Department of Otolaryngology The Ohio State University Columbus, OH
Matt Carlson, MD Associate Professor Department of Otolaryngology Mayo Clinic Rochester, MN	Daniel Prevedello, MD Associate Professor Department of Neurosurgery The Ohio State University Columbus, OH
Jeff Sorenson, MD Associate Professor Department of Neurosurgery University of Tennessee Memphis, TN	Puya Alikhani, MD Assistant Professor Department of Neurosurgery & Brain Repair University of South Florida Tampa, FL
Tsz Lau, MD Assistant Professor Department of Neurosurgery & Brain Repair University of South Florida Tampa, FL	Nicholas J Panetta, MD Assistant Professor Division of Plastic Surgery University of South Florida Tampa, FL
Zeguang Ren, MD Assistant Professor Department of Neurosurgery & Brain Repair University of South Florida Tampa, FL	Jayson Sack, MD Assistant Professor Department of Neurosurgery & Brain Repair University of South Florida Tampa, FL
Mark Tabor, MD Associate Professor Department of Otolaryngology University of South Florida Tampa, FL	Ondrej Choutka, MD, FAANS Neurosurgery Saint Alphonsus Regional Medical Center Boise, ID
Pankaj K Agarwalla, MD Skull Base Fellow Department of Neurosurgery & Brain Repair University of South Florida Tampa, FL	Shunchang Ma, MD Research Fellow, University of South Florida Neurosurgery Tiantan Hospital Beijing, China

PROGRAM

WEDNESDAY March 28, 2018

Participants arrive and check in at The Embassy Suites by Hilton Tampa Downtown Convention Center

No formal events planned

THURSDAY March 29, 2018

Breakfast to be provided by Embassy Suites

USF Center for Advanced Medical Learning (CAMLS)

Roughly a five-minute walk from Embassy Suites

07:30 – 07:45	Introduction - CAMLS Auditorium	Siviero Agazzi, MD, MBA
07:45 – 08:05	Endoscopic Anatomy for Expanded Endoscopic Approaches	Puya Alikhani, MD
08:05 – 08:25	Vascularized Nasoseptal Flap and Approach to the Frontal Sinus	Mark Tabor, MD
08:30 – 08:50	Endonasal Approaches to the Sella, Tuberculum and Planum: Indication and Technique	Ricardo Carrau, MD
08:50 - 09:10	Indications, Contra-indications and Case Selection for Transnasal Endoscopic Approaches to the Anterior Skull Base and the Sella	Daniel Prevedello, MD
09:20 – 11:50	LAB - Expanded Transphenoidal Approaches: sella tuberculum, planum, frontal sinus	Alikhani, Carrau, Prevedello & Tabor
12:00 – 13:00	LUNCH Case Presentations: Indications and Complications	Carrau/Alikhani/Prevedello
13:00-13:30	Indications Contra-Indications and Case Selection for Transnasal Endoscopic Approaches to the clivus	Daniel Prevedello, MD
13:30-14:00	The Transpterygoid Approach: Technique and Pitfalls	Ricardo Carrau, MD
14:15 – 17:30	LAB - Expanded Endoscopic Approaches: cavernous sinus, transpterygoid, clivus	Alikhani, Carrau, Prevedello & Tabor
17:30	Day 1 Adjourns – Return to Embassy Suites	
19:00	Course Dinner	Kelly Thompson

FRIDAY
March 30, 2018

Breakfast to be provided by Embassy Suites

USF Center for Advanced Medical Learning (CAMLS)

07:30 – 07:40	Introduction - CAMLS Auditorium Posterior Fossa and Petroclival Tumors	Siviero Agazzi, MD, MBA
07:40 – 08:10	Vestibular Schwannomas	Morten Lund-Johansen, MD
08:20 - 08:40	Posterior Fossa, Petrous Bone	Jeff Sorenson, MD
08:45 – 09:05	Posterior Petrosectomy: Transpetrosal Approaches to the Posterior Fossa	Matt Carlson, MD
09:05 - 09:25	Anterior Petrosectomy: Tranpetrosal Approach via the Middle Fossa	K. Paul Boyev, MD
09:30 - 12:00	LAB - Mastoidectomy-Retro-lab-Translab dissection	Boyev, Carlson, Lund- Johansen
12:00-13:00	LUNCH Case Presentation: Postero-lateral Approaches	Van Loveren, Lund-Johansen, Carlson & Boyev
13:00-13:20	3D Anatomy: far lateral, jugular foramen, upper neck	Shunchang Ma, MD
13:20-13:50	Managing Tumors Around the Cavernous Sinus	Harry van Loveren, MD
13:50-14:10	FTOZ and Anterior Clinoidectomy	Pankaj K Agarwalla, MD
14:10-14:30	Exposure of the Middle Fossa	Jayson Sack, MD
14:30-17:30	LAB - FTOZ, anterior clinoidectomy, cavernous sinus, anterior petrosectomy	Van Loveren, Agazzi & Agarwalla
17:30	<i>Day 2 Adjourns</i> – Return to Embassy Suites	
19:00	Faculty Dinner	Siviero Agazzi, MD, MBA

SATURDAY
March 31, 2018

Breakfast to be provided by Embassy Suites

USF Center for Advanced Medical Learning (CAMLS)

07:30 – 07:35	Introduction – CAMLS	Siviero Agazzi, MD, MBA
07:35 – 07:55	STA-MCA Bypass: Surgical Technique	Tsz Lau, MD
07:55 - 08:25	High Flow EC-IC Bypass to Treat Complicated Cerebrovascular Disease	Jin-caio Chen MD
08:25-08:45	EC-IC Bypass Indication and Patient Selection	Ondrej Choutka, MD, FAANS
08:45-09:05	Plastic Surgery and Microanastomoses	Nicholas J Panetta, MD
09:15-09:45	Practice 1: Basic Technique 10-0 suture and knots	
09:45-10:00	Lab lecture: Basic Technique 10-0 suture and knots	Tsz Lau, MD
10:00-10:10	Lab lecture: Exposing the rat's femoral artery and end-to-end anastomosis	Ondrej Choutka, MD, FAANS
10:10-11:30	Practice 2: Exposing the rat's femoral artery and end-to-end anastomosis	
11:30-11:40	Lab lecture: Exposing the rat's carotid artery and end-to-end anastomosis	Zeguang Ren, MD
11:40-13:00	Practice 3: Exposing the rat's carotid artery and end-to-end anastomosis	
13:00	Course Adjourns	

COURSE OBJECTIVES:

At conclusion of the course, participating residents will be able to:

1. Describe and understand the detailed anatomy of the anterior and lateral skull base
2. Describe and understand the detailed endoscopic anatomy of the inferior skull base
3. Understand and practice endoscopic techniques for accessing the inferior skull base
4. Understand and practice endoscopic repair of cerebrospinal fluid leak
5. Understand and practice open craniotomies, craniectomies and access to the anterior and lateral skull base
6. Understand and describe the indication of extracranial to intracranial revascularization procedure
7. Understand and describe the indication of free tissue transfer reconstruction for repair of the skull base
8. Practice microsurgical anastomosis



CAMLS
Center for Advanced Medical
Learning and Simulation

Downtown Tampa Map



Parking at CAMLS

CAMLS offers two parking options. Valet parking is available at CAMLS' front doors located off of Brorin Street. A CAMLS self-parking lot is located across Brorin Street with an entrance on Florida Avenue. Contact CAMLS for additional details regarding the use of these parking options.

Self-parking is also available at the City of Tampa's Fort Brooke Parking Garage located at the intersection of Franklin and Whiting Streets, just one block from CAMLS.

On Street Parking

On street parking is available on most streets. Solar-powered pay stations accept coins or credit/debit cards. North of Kennedy Boulevard is free on weekends and weeknights after 8pm.

Islands, Ybor City, Hyde Park. Taxis available at hotels and taxi stands throughout downtown. United Cab 813-253-2424, Green-Ride Courtesy Car 813-888-5008. Blue One Transportation is available for transportation to and from Tampa International Airport. Call 813-282-7351.

TECO Line Streetcar

Let a nostalgic air-conditioned streetcar whisk you between historic Ybor City and downtown, stopping at Tampa Convention Center, Florida Aquarium, Garrison Seaport, Tampa Bay Times Forum and the Channelside Entertainment Complex. Hours vary. 813-254-4278
www.tecolinestreetcar.com

LEGEND

	PUBLIC PARKS		COMPLETED RIVERWALK
	ARTS AND CULTURAL CENTERS		FUTURE RIVERWALK
	CAMLS Partner/Hotels		RIVERWALK CONNECTOR
	POINTS OF INTEREST		TECO STREETCAR
	PUBLIC PARKING		TECO STREETCAR STOP
	HOTELS		INTERURBAN RAILWAY
	TRANSPORTATION		PUBLIC DOCKS
	EDUCATIONAL INSTITUTIONS		ELECTRIC VEHICLE CHARGING STATION
	CHURCHES		