

Auditorium

ZLC

2nd Floor Dining Room

7th Annual Saint Louis University Combined Ventricular and Skull Base Endoscopy Course
for Neurosurgeons: Hands-On Cadaver Course
June 2-4, 2022

Thursday, June 2, 2022		
7:00 am	REGISTRATION and CONTINENTAL BREAKFAST	
8:00 am	Official Course Opening Remarks Welcome and Course Overview	
Ventricular Anatomy and Basic Intra-Ventricular Procedures		
8:10 am	3D Ventricular Anatomy : Craniometric points, Endoscopic Approaches and Correlating White Matter Fiber Tractography	
8:40 am	Basics of Neuro-Endoscopy: Equipment and Surgical Planning	
9:00 am	Endoscopic Third Ventriculostomy (ETV): Technique, Indications and Outcomes	
9:30 am	Endoscopic Management of Complex Hydrocephalus	
10:00 am	BREAK and EXHIBITS	
10:20 am	<u>Podium Cadaveric Demonstration and Hands-On Laboratory:</u> -Endoscopic Third Ventriculostomy -Endoscopic Septum Pellucidum Fenestration -Endoscopic Shunt Placement and use of Endoscopic Navigation	All Faculty
12:30 pm	LUNCH and EXHIBITS	
Intra-Ventricular Tumors		
1:30 pm	Endoscopic Management of Intra-Ventricular Tumors	
2:00 pm	Endoscopic Choroid Plexus Coagulation (CPC) : Flexible Endoscopy Techniques	
2:30 pm	Endoscopic Epilepsy Surgery Techniques	
3:00 pm	BREAK and EXHIBITS	
3:30 pm	<u>Podium Cadaveric Demonstration and Hands-On Laboratory:</u> -Endoscopic Biopsy/ Resection of Intra-Ventricular Tumor Model -Use of Stereotactic Navigation during Endoscopic Ventricular Surgery -Endoscopic Shunt Catheter Placement -Endoscopic Approaches to Choroid Plexus CPC/Flexible Endoscopy	All Faculty
5:30 pm	ADJOURN	

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Friday, June 3, 2022		
7:00 am	REGISTRATION and CONTINENTAL BREAKFAST	
Advanced Intra-Ventricular and Craniofacial Procedures		
8:00 am	Endoscopic Management of Colloid Cysts	
8:30 am	Endoscope-Assisted Microneurosurgical Approaches – Pineal Region	
9:00 am	Endoscopic Aqueductoplasty	
9:20 am	Endoscope-Assisted Craniofacial Correction of Craniosynostosis	
9:40 am	BREAK and EXHIBITS	
10:00 am	Hands-On Cadaver Laboratory: -Endoscopic Excision of Colloid Cyst/ Approaches to the Third Ventricle -Use of Stereotactic Navigation during Endoscopic Ventricular Surgery -Endoscopic Ventricular Training Model	All Faculty
12:00pm	LUNCH and EXHIBITS	
Endoscopic Approaches to the Skull Base (Part I)		
1:00 pm	3D Endoscopic Sinus and Endonasal Skull Base Anatomy	
1:30 pm	Standard Versus Expanded Endonasal Trans-Sphenoidal Approaches: Technique and Indications	
2:00 pm	Endoscopic Nasoseptal Flap Reconstruction of the Skull Base Endoscopic Repair of CSF Leak	
2:30 pm	Endoscopic Endonasal Surgery for Pituitary Tumors	
3:00 pm	Podium Dissection -Standard Endonasal Trans-Sphenoidal Approach to the Sella -Expanded Endonasal Trans-Sphenoidal Approach to the Parasellar Lesions Endoscopic Nasoseptal Flap Reconstruction and CSF Leak Repair	
3:40 pm	BREAK & EXHIBITS	
4:00 pm	Hands-On Cadaver Laboratory: Standard and Expanded Endonasal Trans-Sphenoidal Approaches to the Sella Endoscopic Nasoseptal Flap Reconstruction and CSF Leak Repair	All Faculty
6:00 pm	ADJOURN	

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Saturday, June 4, 2022		
Endoscopic Approaches to the Skull Base (Part I)		
7:00 am	<i>SIGN-IN and CONTINENTAL BREAKFAST</i>	
7:30 am	Endoscopic & Endoscope-Assisted Microsurgery for Craniopharyngiomas	
8:00 am	Endoscopic Supra-orbital Keyhole Approach, for Suprasellar and Vascular Lesions	
8:30 am	Endoscopic Approaches /Outcomes to Anterior Skull Base Meningiomas	
9:00 am	<i>BREAK & EXHIBITS</i>	
9:20 am	<u>Podium Dissection & Hands-On Laboratory</u> -Standard and Expanded Endonasal Trans-Sphenoidal Approaches to the Sella -Expanded Endonasal Trans-Sphenoidal Approach to the Sella and Parasellar Lesions -Endoscopic Approaches to the Anterior Skull Base	All Faculty
12:00 pm	<i>LUNCH and EXHIBITS</i>	
1:00 pm	Endoscopic Key Hole Approach to the CP Angle and Posterior Fossa	
1:30 pm	Endoscope-Assisted Microsurgery for Vascular lesions	
2:00 pm	Endoscopic Key Hole Approach to the Clivus and Cranio-Cervical Junction	
2:30 pm	<u>Podium Dissection & Hands-On Laboratory</u> -Endoscopic Key Hole Approach to The Posterior Fossa -Endoscopic Approach to the Clivus and Cranio-Cervical Junction	
5:00 pm	<i>BREAK & EXHIBITS</i>	
5:30 pm	Open Discussion of Endoscopic Ventricular and Skull Base Cases Complication Avoidance during Endoscopic Skull Base Surgery	
6:30 pm	<i>ADJOURN</i>	