

## Microsurgical Skull Base Workshop

Location: Rm 412, 4th Floor, Teaching Building, Xuanwu Hospital

Date	Time	Title	Speaker	Country
Day 1, Sept 7 <sup>th</sup>	<b>Morning Session: FROZ and Cavernous Sinus Approaches</b>			
	07:30-09:00	Lectures		
	07:30-07:45	Fronto-temporal Orbitozygomatic Approach and Variations	K.Sung Lee	Korea
	07:45-08:00	Optic Canal Decompression and Anterior Clinoidectomy	J.A.Landeiro	Brasil
	08:00-08:15	Cavernous Sinus Anatomy	K.Sung Lee	Korea
	08:15-08:30	Mobilizing the Lateral Wall of the Cavernous Sinus	J. A. Landeiro	Brasil
	08:30-08:45	Extended Extradural Drilling: Opening FR, FO, Sphenopalatine Fossa and Intratemporal Fossa	Tang Jie	China
	08:45-09:00	Discussion		
	09:00-13:00	Practical Session on Anatomical Specimens		
	13:00-14:00	Lunch & Video-case Presentations by the Faculty		
	<b>Afternoon Session: Subtemporal and Anterior Petrosal Approaches</b>			
	14:00-15:00	Lectures		
	14:00-14:30	Basic Temporal Approach and Its Subdural Extension	Tang Jie	China
	14:30-15:00	Epidural Anterior Petrosal Approach	Takeshi Kawase	Japan
15:00-19:00	Practical Session on Anatomical Specimens			

Date	Time	Title	Speaker	Country
Day 2, Sept 8 <sup>th</sup>	<b>Morning Session: Retrosigmoid and Posterior Petrosal Approaches</b>			
	07:30-09:00	Lectures		
	07:30-07:50	Petrous Bone Anatomy and Approaches	Takeshi Kawase	Japan
	07:50-08:10	Suboccipital Retrosigmoid Approach and Variants	Bao Yuhai	China
	08:10-08:30	Posterior Petrosal Approach	K.Sung Lee	Korea
	08:30-08:50	Combined Petrosal Approach	K.Sung Lee	Korea
	08:50-09:00	Discussion		
	09:00-13:00	Practical Session on Anatomical Specimens		
	13:00-14:00	Lunch & Video-Case Presentations by the Faculty		
	<b>Afternoon Session: Cranialcervical Junction and Jugular Foramen</b>			
	14:00-15:00	Lectures		
	14:00-14:20	Posterolateral far Lateral Approach	Katsumi Takizawa	Japan
	14:20-14:40	Anterolateral Approach to the CCJ and Jugular Foramen	Sebastien Froelich	France
	14:40-15:00	Approach to the Jugular Foramen	Sebastien Froelich	France
15:00-19:00	Practical Session on Anatomical Specimens			

## Endoscopic Skull Base Workshop

Location: Rm 423, Teaching Building, Xuanwu Hospital

Date	Time	Title	Speaker	Country or Region
Day 1, Sept 7 <sup>th</sup>	08:00-11:00	Session 1		
	08:00-08:05	Introduction	ashekhar Deopujari, Vladimir Benes	
	08:05-08:20	Skull Base Anatomy with Special Reference to Open and Endoscopic Approaches	Igor Lima Maldonado	Brazil
	08:20-08:35	Osteology of Nose, Paranasal Sinuses and Midline Skull Base. Importance of Bony Landmarks and Blood Supply	Mahmood Qureshi	Kenya
	08:35-08:50	Endoscopic Anatomy for Endonasal Trans-sphenoidal Approach and Principles of Reconstruction	Waleed Azab	Kuwait
	08:50-09:05	Principles and Nuances of Endoscopic Pituitary Surgery	Stefan Wolfsberger	Austria
	09:05-09:20	Cavernous Sinus and ICA Management in Endonasal Approach	Roman Bosnjak	Slovenia
	09:20-09:30	Beverages Break		
	09:30-09:45	Endoscopic Surgery of Pituitary Tumor Involving Cavernous Sinus	Chen Ge	China
	09:45-10:00	Extended Endonasal Endoscopic Approaches: Corridors	Chandrashekar Deopujari	India
	10:00-10:15	Endonasal Approaches to Craniopharyngiomas and Meningiomas	Fred Gentili	Canada
	10:15-10:30	Endoscopic Endonasal Approach to Foramen Lacerum	Wei-Hsin Wang	Taiwan, China
	10:30-10:45	Endonasal Approach to Clivus and CV Junction	Domenico Solari	Italy
	10:45-11:00	Beverages Break		
	11:00-13:00	Session 2		
	11:00-12:30	Cadaver Demo Dissection for Endoscopic Endonasal Approaches	o Solari, Roman Bojnac, Fred Gentili	
	12:30-13:00	Lunch & 3D Video Presentation (Endoscopic Endonasal Anatomy)		
	13:00-18:00	Session 3		
	13:00-17:30	Hands on Cadaver Dissection for Participants Supervised by Faculty		
	17:30-18:00	Discussion		

Date	Time	Title	Speaker	Country
Day 2, Sept 8 <sup>th</sup>	08:00-11:00	Session 1		
	08:00-08:20	Vascular Anatomy with Special Reference to Internal Carotid Artery and Dolenc Approach	Iype Cherian	Nepal
	08:20-08:40	External Approaches to the Skull Base Lesions of the Anterior and Middle Fossa	Ekkehard Kasper	USA
	08:40-09:00	External Approaches to the Skull Base Lesions in Posterior Fossa	Vladimir Benes	Czech
	09:00-09:20	Endonasal Endoscopic Anterior Clinoidectomy: Surgical Anatomy, Technique Nuance and Case Series	Hong Tao	China
	09:20-09:30	Beverages Break		
	09:30-09:50	Vascular Lesions Related to the Skull Base	Eka Wahjoepramono	Indonesia
	09:50-10:10	Sellar Region - Transcranial or Transnasal Approach?	Imaduddin Kanaan	Saudi Arabia
	10:10-10:30	Endoscope Assisted Surgery	Andre Grotenhuis	Netherlands
	10:30-10:50	Endoscopic Approaches to Pineal Region and Atrium of the Lateral Ventricle	Zhang Xiaobiao	China
	10:50-11:00	Beverages Break		
	11:00-13:00	Session 2		
	11:00-12:30	Cadaver demo dissection for endoscopic minimally invasive transcranial approaches	ir Benes, Hong Tao, Zhang Xiaobiao	
	12:30-13:00	Lunch & 3D Video Presentation (Endoscopic Transcranial Anatomy)		
	13:00-18:00	Session 3		
	13:00-17:30	Hands on Cadaver Dissection for Participants Supervised by Faculty		
	17:30-18:00	Discussion		

## Hydrocephalus Course

Rm 416, Teaching Building, Xuanwu Hospital

Date	Time	Title	Speaker	Country
	08:00-08:45	Welcome/Introduction	Maurice Choux C. Di Rocco Ling Feng	
	Session I: Basics and Techniques Moderators: Maurice Choux, Ling Feng			
	08:45-09:15	Hydrocephalus: Basic Concepts on CSF Dynamics and Its Anomalies	C. Di Rocco	Germany
	09:15-09:50	How to Implant an Extra-thecal CSF Shunt Device	Maurice Choux	France
	09:50-10:10	Shunt Devices Illustrated	Sergey Gorelyshev	Moscow
	10:10-10:30	How to Implant and Maintain an External CSF Drainage	ZENG Gao	China
	10:30-10:50	How to Perform a Subgaleal CSF Shunt	Luca Massimi	Italy
	10:50-11:10	Coffee Break		
	Session II: Complications Moderators: Sergey Gorelyshev, Luca Massimi			
	11:10-11:30	Mechanical Complications, Avoidance, Management	Sergey Gorelyshev	Moscow

Day 1 Sept 7 <sup>th</sup>	11:30-11:50	Slit-ventricle Syndrome	Camrine Mottolose	France	
	11:50-12:05	Complications of V-A Shunts	Luca Massimi	Italy	
	12:00-12:30	Slit-ventricle Syndrome	C. Di Rocco	Germany	
	12:05-12:30	Infective Complications, Avoidance, Management	Maurice Choux	France	
	12:30-12:40	Antibiotic Prophylaxis	Sergey Gorelyshev	Moscow	
	12:40-12:50	Shaving	Luca Massimi	Italy	
	12:50-13:00	Wrong Ventricular Entry	Sergey Gorelyshev	Moscow	
	13:00-13:30	Discussion			
	13:30-14:30	Lunch			
	Session III: Hydrocephalus in the Clinical Practice Moderators: C. Di Rocco, C. Mottolose				
	14:30-14:50	Tumoral Hydrocephalus	Tai Tong Wang	Taiwan, China	
	14:50-15:10	Posthemorrhagic hydrocephalus	C. Di Rocco	Germany	
	15:10-15:30	Hydrocephalus with Difficult Anatomy	Sergey Gorelyshev	Moscow	
	15:30-15:50	Hydrocephalus and Arachnoid Cysts	Zeng Gao	China	
	15:50-16:10	Endoscopic Management of Pediatric Intraventricular Lesions and Hydrocephalus	Chen Xiaolei	China	
	16:10-16:30	Coffee Break			
	Session VI: Video Moderator: Zeng Gao, C. Mottolose, Sergey Gorelyshev, Waleed Azab				
	16:30-18:00	ETV in the Treatment of Hydrocephalus Endoscopic Biopsy of Brain Tumors		Sergey Gorelyshev	Moscow
		Endoscope-controlled Treatment of Intra-axial Lesions Septostomy		Waleed Azab	Kuwait
Endoscopy in the Treatment of Arachnoid Cysts		Luca Massimi	Italy		
ETV and Endoscopic Biopsies for Pineal and Suprasellar Tumors		ZENG Gao	China		
		W. Azad	Kuwait		

Day 2 Sept 8 <sup>th</sup>	Session IV: Neuroendoscopy Moderators: Tai-tong Wang, Zeng Gao				
	08:30-08:45	Anatomy of the Ventricular System	Sergey Gorelyshev	Moscow	
	08:45-09:00	How to Perform an Endoscopic ETV	C. Di Rocco	Germany	
	09:00-09:15	Screening for ETV in Infantile Hydrocephalus	JU Yan	China	
	09:15-09:30	ETV in Infants	Luca Massimi	Italy	
	09:30-09:45	Plexectomy and Endoscope in Treatment of Malformative Hydrocephalus	Camrine Mottolose	France	
	09:45-10:00	Multimodal Evaluation and Endoscopic Treatment for Pediatric Hydrocephalus.	Chen Xiaolei	China	
	10:00-10:15	Flexible Video Endoscopic Personalized Techniques for Infant Hydrocephalus	Xiao Qing	China	
	10:15-10:30	ETV Complications, Avoidance, Management	C. Di Rocco	Germany	
	10:30-10:50	Coffee Break			
	10:50-11:05	The Beauty of Endoscopic Vision	Waleed Azab	Kuwait	
	11:05-11:20	Endoscopic Assisted Microsurgical Resection for Pediatric Brain Tumors	M El Beltagy	Egypt	
	11:20-11:35	Endoscopic Treatment of Excluded Fourth Ventricle	C Mottolose	France	
	11:35-11:50	Endoscopic Treatment of Complex Hydrocephalus in Children	N El Ghandour	Egypt	
	11:50-12:05	Role of ETV in Post Tuberculous Hydrocephalus	M Qureshi	Kenya	
	12:05-12:20	Endoscopic Treatment of Hydrocephalus in MM	Luca Massimi	Italy	
	12:20-13:00	Discussion Hot Questions			
	13:00-14:00	Lunch			
	14:00-18:30	Hands on Introduction into the Endoscope Models		Pier Ferrari	
		Basics Techniques in Neuroendoscopy on 6 Working Places		All Faculties	

### Spine Cadaver Course

Location: Rm 408, Teaching Building, Xuanwu Hospital

Date	Time	Title	Speaker	Country
Day 1 Sept 7 <sup>th</sup>		Workshop Opening Ceremony	Mehmet Zileli Jian Fengzeng	
	8:00-8:30	Lecture: Endoscope Technique For Lumbar Disc Herniation	Jose-Antonio Soriano	Mexico
	8:30-12:00	Training: Endoscope Technique Training	Chen Zan Wang Zuo Wei	China
	12:00-13:00	Lunch		
	13:00-13:30	Lecture: Percutaneous Spine Pedicle Screw Implant	Salman Sharif	Pakistan
	13:30-17:00	Training: Percutaneous Spine Pedicle Screw Implant	Chen Zan Guan Jian	China
	18:00-20:00			
Day 2 Sept 8 <sup>th</sup>	8:00-8:30	Lecture: Cervical Anterior Surgery Technique (Zero-Profile Anterior Cervical Interbody Fixation And Fusion)	Scott C. Robertson	USA
	8:30-10:00	Training: Cervical Anterior Surgery Training	Chen Zan Duan Wan Ru	China
	10:00-10:30	Lecture: Posterior Cervical Internal Fixation	Mehmet Zileli	Turkey
	10:30-12:00	Training: Cervical Posterior Surgery Training	Chen Zan Duan Wan Ru	China
	12:00-13:00	Lunch		
	13:00-13:30	Lecture: Xliff	Oscar L. Alves	Portugal
	13:30-15:00	Training: Xliff	Chen Zan Liu Zhen Lei	China
	15:00-15:30	Lecture: Pedicle Screw Implant For Spine	Wilco C. Peul	Netherlands
15:30-17:00	Training: Pedicle Screw Implant For Spine	Chen Zan Liu Zhen Lei	China	

### White Matter Fiber Dissection Workshop

Location: Rm 418, Teaching Building, Xuanwu Hospital

Date	Time	Title	Speaker	Country
Day 1 Sept 7 <sup>th</sup>	8:45-9:45	The Impact Of Fiber Dissection in Glioma Surgery	Ugur Ture	Turkey
	9:45-10:15	Image Guided Surgery of Glioma: State of The Art	Xu Geng	China
	10:15-10:30	Coffee Break		
	10:30-10:50	Multi-Mode Guided Radiotherapy for Glioma: Role of Tractography	Xu Jiansun	China
	10:50-11:10	Integrated Diagnosis of Glioma	Piao Yueshan	China
	11:10-11:30	Targeted Therapy For Glioma: Emerging Role of Chimeric Antigen Receptor T Cell(Car-T)	Lin Qingtang	China
	12:00-13:00	Lunch		
	13:00-18:00	Fiber Dissection: Lateral Surface		
Day 2 Sept 8 <sup>th</sup>	08:00-12:00	Fiber Dissection: Medial Surface		
	12:00-13:00	Lunch		
	13:00-18:00	Fiber Dissection: Basal Surface		

### WFNS Neuro-oncology Precongress Course

Location: Rm 306A, CNCC

Moderators: Colin Watts, Yoshitaka Narita

Date	Time	Title	Speaker	Country
Sept. 8th	Session 1: Gliomas			
	08:00-08:10	Opening Remarks		
	08:10-08:30	Biology And Genomics Of Gliomas	Colin Watts	UK
	08:30-08:50	Intra-Operative Techniques to Enhance Safety of Resection of Intrinsic Tumors : Insular Tumors and L	Frederick Lang	USA
	08:50-09:10	Indication for Radical Glioma Resection Recurrent Gliomas	Florian Ringel	Germany
	09:10-09:30	Chemoradiotherapy for Gliomas	Yoshitaka Narita	Japan
	Session 2: Brain Metastases			
	09:30-09:50	The Role of The Neurosurgeon in Intracranial Metastases	Sunit Das	Canada
	09:50-10:10	Brain Metastases: Management Options and Recent Advances	M Shahzad Shamim	Pakistan
	10:10-10:40	Coffee Break		
	Session 3: Surgical Techniques for Tumor Resection			
	10:40-11:00	Technical Aids to Enhance Resection: Image Guidance And Intraoperative Tumor Visualization	Christian Senft	Germany
	11:00-11:20	Management of Intraxial Brain Tumors (Cortical Monitoring, Sleep-Asleep Techniques, Ultrasound, N	Gabriel Vargas Grau	Colombia
	11:20-11:40	New Training Paradigms in Neurosurgery: Simulation and Advanced 3D Imaging.	Alessandro Perin	Italy
	11:40-12:00	The Non-Resectable Tumor : Technical Standards for Stereotactic Biopsy	Marika Broekman	Netherlands
	12:00-12:20	Clinical Evaluation and Work-Up of Brain Tumor Patients from Diagnosis to Outcome: A Neurosurgeo	Andrea Talacchi	Italy
	12:20-13:20	Lunch		
	Session 4: Tumors of Sellar/Parasellar and Posterior Fossa			
	13:20-13:40	Meningiomas: Epidemiology, Presentation, Natural Course, Differential Diagnosis And Surgery	Rachel Grossman	Israel
	13:40-14:00	Current Thinking in The Management of Pituitary Adenomas	Fernando Garcia Colmena	Argentina
	14:00-14:20	Sellar and Parasellar Region: Radiological Anatomy, Radiology of Regional Tumors	Nicolas Foroglou	Greece
	14:20-14:40	Posterior Fossa Surgical Approaches	Osaama H Khan	USA
	14:40-15:00	A Virtual Reality Tour of The Posterior Fossa Anatomy	Michael T. Walsh	USA
	15:00-15:30	Coffee Break		
	Session 5: Tumors of Ventricle and Pineal Region			
	15:30-15:50	Intraoperative Techniques to Enhance Safety of Resection as Well as Third Ventricular Tumors	Philippe Schucht	Switzerland
	15:50-16:10	Pineal Region Tumors: Epidemiology, Presentation, Natural Course, Differential Diagnosis, Surgery an	Tina Karabatsou	UK
	16:10-16:30	Closing remarks		