

Microsurgical Skull Base Workshop

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

Date	Time	Title	Speaker	Country
Day 1 Sept 7 th	Morning Session: FROZ and Cavernous Sinus Approaches			
	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		
	Afternoon Session: Subtemporal and Anterior Petrosal Approaches			
	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		
Day 2 Sept 8 th	Morning Session: Retrosigmoid and Posterior Petrosal Approaches			
	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		
	Afternoon Session: Cranialcervical Junction and Jugular Foramen			
	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
Day 1 Sept 7 th	08:00-11:00	Session 1		
	08:00-08:05	Introduction	Chandrashekhar 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	Chandrashekhar 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	so Solari, Roman Bojnac, Fred Gentili	
	12:30-13:00	Lunch & 3D Video Presentation (Endoscopic Endonasal Anatomy)	Li Mingchu	China
	13:00-18:00	Session 3		
13:00-17:30	Hands on Cadaver Dissection for Participants Supervised by Faculty			
17:30-18:00	Discussion			
Day 2 Sept 8 th	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)	Li Mingchu	China
	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
Day 1 Sept 7 th	08:00-08:45	Welcome/Introduction	Maurice Choux C. Di Rocco	
	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-theal 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
	11:30-11:50	Slit-ventricle Syndrome	Camrine Mottolese	France
	11:50-12:05	Complications of V-A Shunts	Luca Massimi	Italy
	12:10-12:30	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. Mottolese			
	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. Mottolese, Sergey Gorelyshev, Waleed Azab			
16:30-18:00	ETV in the Treatment of Hydrocephalus	Sergey Gorelyshev	Moscow	
	Endoscopic Biopsy of Brain Tumors	Waleed Azab	Kuwait	
	Endoscope-controlled Treatment of Intra-axial Lesions	Luca Massimi	Italy	
	Septostomy	ZENG Gao	China	
	Endoscopy in the Treatment of Arachnoid Cysts	W. Azad	Kuwait	
	ETV and Endoscopic Biopsies for Pineal and Suprasellar Tumors	M El Beltagy	Egypt	
Day 2 Sept 8 th	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 Mottolese	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 Mottolese	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 th		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
Day 2 Sept 8 th	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: Xlif	Oscar L. Alves	Portugal
	13:30-15:00	Training: Xlif	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 th	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 Jiankun	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		
Day 2 Sept 8 th	13:00-18:00	Fiber Dissection: Lateral Surface		
	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. 8 th	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 Low Grade Gliomas	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, Neuro Navigation, Ultrasound).	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 Neurosurgeon Commitment	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 and Complications	Tina Karabatsou	UK
	16:10-16:30	Closing remarks		