

PRE-CONGRESS WORKSHOP 1

Tuesday 31 October

Hydrocephalus and Intra-Ventricular Endoscopy

Venue Surgical Skills Laboratory, 6th floor, Institute for Child Health, Red Cross War Memorial Children's Hospital

Local Convenors Sally Rothemeyer | Llewellyn Padayachy | Anthony Figaji

Faculty Andre Grotenhuis (Netherlands) | Memet Ozek (Turkey) | Giuseppe Cinalli (Italy)
| Ahmed Zohdi (Egypt) | James Drake (Canada) | Jose Hinojosa (Spain) | Peter Ssenyonga (Uganda)
| Azmi Alias (Malaysia) | Hans Ludwig

08h30	Workshop Registration
09h00 – 11h30	Lectures
09h00 – 09h15	Basic anatomy and instrumentation – Ahmed Zohdi (Egypt)
09h15 – 09h30	Endoscopic technique and third ventriculostomy – Memet Ozek (Turkey)
09h30 – 09h45	How to avoid complications – tips and tricks – Andre Grotenhuis (Netherlands)
09h45 – 10h00	Choroid plexus cauterisation and ETV – indications and technical aspects – Peter Ssenyonga (Uganda)
10h00 – 10h15	Endoscopic management of arachnoid cysts – Jose Hinojosa (Spain)
10h15 – 10h30	Refreshment Break
10h30 – 10h45	Endoscopic Lavage: indications and techniques – Azmi Alias (Malaysia)
10h45 – 11h00	Use of the Thulium Laser in neuroendoscopy – Hans Ludwig (Germany)
11h00 – 11h15	Adjuncts and advances in intraventricular neuroendoscopy – Giuseppe Cinalli (Italy)
11h15 – 11h30	Stimulation and training in neuroendoscopy – James Drake (Canada)
11h30 – 12h30	Lunch
12h30 – 16h30	Hands on session – simulation models <ul style="list-style-type: none">• Use of flexible and rigid neuroendoscopes• Endoscopic third ventriculostomy• Fenestration of intracranial cysts• Neuronavigation• Use of Thulium Laser cautery• Use of Ultrasonic aspirator
17h00 – 20h00	Registration and Informal Welcome & Trade Preview at Century City Conference Centre

This workshop has been made possible in partnership with



Tuesday 31 October

Ultrasound and Navigation In Neurosurgery

Venue Medical Skills Laboratory, 2nd floor, Institute for Child Health, Red Cross War Memorial Children's Hospital

Local Convenors Llewellyn Padayachy | Martin Schuhmann | Tormod Selbekk | Nico Enslin

Faculty Stefan Wolfsberger (Austria) | Francesco Prada (Italy) | Tormod Selbekk (Norway) |
Susanne Kerscher (Germany)

08h30	Workshop Registration
08h30 – 11h30	Lectures: Basic Navigation and Ultrasound Application in Neurosurgery
	Basic principles of ultrasound and navigation – Tormod Selbekk
	Navigation in neuroendoscopy – Stefan Wolfsberger
	Diagnostic application in Neurosurgery – Llewellyn Padayachy
	<ul style="list-style-type: none"> • Paediatric applications • Hydrocephalus and trauma • Raised intracranial pressure
10h15 – 10h30	Refreshment Break
	Intraoperative navigation – Martin Schuhmann
	<ul style="list-style-type: none"> • Guidance in neuroendoscopy • V/P shunt placement • Tumor/lesion resection
	Advances in ultrasound imaging for neurosurgeons – Francesco Prada
	<ul style="list-style-type: none"> • Contrast enhanced ultrasound imaging • High intensity focused ultrasound – applications
11h30 – 12h30	Lunch
12h30 – 16h30	Hands-on Workshop and Demonstration
17h00 – 20h00	Registration and Informal Welcome & Trade Preview at Century City Conference Centre

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SCIENTIFIC PROGRAMME

Wednesday, 1 November

08h00 – 08h15	Opening Address – Allan Taylor (President of SNSA) and Llewellyn Padayachy (Congress Chair)	
SESSION	PLENARY I: STATE OF THE ART IN NEUROENDOSCOPY	
	VENUE Hall B & C	Chairs: Spyros Sgouros, Graham Fieggen
08h15 – 08h35	History and evolution of neuroendoscopy – James Goodrich	
08h35 – 08h55	Advances and developments in ventricular neuroendoscopy: The role of the IFNE – Shlomi Constantini	
08h55 – 09h15	The current status of endoscopic skullbase surgery: indications, limitations and results – Fred Gentili	
09h15 – 09h35	Application of endoscopy in the keyhole approach to gliomas – Charles Teo	
09h35 – 09h55	Endoscopic management of intraventricular tumors – Giuseppe Cinalli	
09h55 – 10h15	Spinal endoscopic surgery: state of the art – Joachim Oertel	
10h15 – 10h30	'Innovator in Neuroendoscopy' Award presentation – Recipient: Professor Shizuo Oi	
10h30 – 11h00	Refreshments	
SESSION	PLENARY II: TRAINING AND DEVELOPMENTS IN NEUROENDOSCOPY	
11h00 – 13h30	VENUE Hall B & C	Chairs: Llewellyn Padayachy, Jay Riva-Cambrin
	Invited Talks (20 minutes)	
11h00 – 11h20	Health care – contexts and challenges in Africa: the role of e-health in advancing quality of care – Rebecca Surender	
11h20 – 11h40	Education and ethics in neuroendoscopic surgery – Wan Tew Seow	
11h40 – 12h00	Presentation of the Encyclopedia of Neuroendoscopic procedures – Spyros Sgouros	
12h00 – 12h20	Developing World Perspective: Cure Hospital experience Uganda – Peter Ssenyonga	
	Mini – Symposium ETV and CPC trends and relevance (15 minutes)	
12h20 – 12h40	An overview of experience and review of outcomes from the ETV/CPC vs. V/P shunt in infant post-infectious hydrocephalus study – Benjamin Warf	
12h40 – 13h00	ETV and choroid plexus cauterisation: what does the literature say – Abhaya Kulkarni	
13h00 – 13h20	Should we be obliterating the choroid plexus? – Sanjiv Bhatia	
13h20 – 13h30	Long term risks and outcomes of choroid plexus coagulation for hydrocephalus: A cause for concern? – Richard Edwards	
	Discussion	
13h30 – 14h30	Lunch & Poster Viewing Exhibition Area	
	Lunchtime Symposium: Zeiss – Uwe Spetzger	
	Topic – First clinical experiences with the novel micro-inspection tool QEVO – a case series	
	VENUE HALL D	



SCIENTIFIC PROGRAMME

Wednesday, 1 November



Intracranial Cysts Ventricular Lesions	
Session	
14h30 – 16h30	VENUE HALL B Chair: David Oluoch-Olunya, Kenichi Nishiyama
14h30 – 15h30	Cysts – Invited talks (15 minutes)
14h30 – 14h45	Endoscopic management of suprasellar arachnoid cysts – Memet Ozek
14h45 – 15h00	Arachnoid cysts: Chilean experience – Sergio Valenzuela
15h00 – 15h15	Endoscopic management of colloid cysts – an ongoing rivalry – Ahmed Zohdi
15h15 – 15h30	Poster fossa cysts – endoscopic management – Paola Peretta
15h30 – 16h30	Ventricular Lesions
15h30 – 15h45	Intraventricular endoscopy: pineal region lesions – Andre Grotenhuis
15h45 – 16h00	Endoscopic evacuation of Intraventricular hemorrhage – Clemens Schirmer
16h00 – 16h15	Tumors of the posterior third ventricle – Carlos Brusius
16h15 – 16h30	Endoscopic management of V4 lesions, cysts – Alvaro Cordoba
	Discussion
16h30 – 17h00	Refreshments

Quality Control Improving Outcomes Tumors CSF Fistulae	
Session	
14h30 – 16h30	VENUE HALL C Chair: Davide Locatelli, Nurperi Gaziloglu
14h30 – 15h30	Tumors (15 minutes)
14h30 – 14h45	Imaging of skullbase tumors – surgical/clinical relevance – Eugene Yu
14h45 – 15h00	Quality of life outcomes in endoscopic cranial base surgery – Lee Zimmer
15h00 – 15h15	Endoscopy assisted surgery for Olfactory Groove Meningiomas – Americo Dos Santos
15h15 – 15h30	Transorbital neuroendoscopic surgery – Darlene Lubbe
15h30 – 16h30	CSF Fistulae: Endoscopic Management and Prevention
15h30 – 15h45	Reconstruction of skullbase defects after expanded endonasal approach – Caroline Hayhurst
15h45 – 16h00	Endoscopic repair through a transpterygoid approach – Mahmoud Messerer
16h00 – 16h15	Prognostic scoring for CSF fistula – Salman Sharif
16h15 – 16h30	Endoscopic vascular decompression for trigeminal neuralgia – Tariq Salahuddin
	Discussion

Wednesday, 1 November



Invited Talks (15 minutes) Controversies and Dichotomies	
17h00 – 18h15	Chair: Alvaro Cordoba, Sergey Gorelyshev
17h00 – 17h15	Microsurgical technique during endoscopic endonasal surgery. Describing the feasibility of sophisticated surgical maneuver under the endoscope which is similar to those performed under the microscope during the transcranial surgery. – Taniguchi Masaaki
17h15 – 17h30	ETV outcome in the fetal in-utero repair of MMC population: HCP outcome compared to MOMS trial – Samer Elbabaa
17h30 – 17h45	Endoscopic management of carpal tunnel syndrome – David Jimenez
17h45 – 18h00	ETV in communicating HCP – Masakazu Miyajima

Invited Talks (15 minutes) Complications, Failures and Lessons Learned	
17h00 – 18h15	Chair: Wan Tew Seow, Sanjiv Bhatia
17h00 – 17h15	Complication avoidance in skullbase neuroendoscopy - Dimitrios Pareskevopoulos
17h15 – 17h30	Indications and complications of ETV in children – Hakan Karabagli
17h30 – 17h45	Disastrous complications in neuroendoscopy – Hemant Bhartiya
17h45 – 18h00	Defining ETV failure in children – Rolando Jiminez Guerra
18h00 – 18h15	Hemostasis in Neuroendoscopy – Vicknes Waran

Roundtable Debate	
18h00 – 18h30	Limits of Intraventricular Endoscopic Tumour Surgery
	Giuseppe Cinalli (Mod)
	Andre Grotenhuis (Limits)
	Chandrashekar Deopujari (When to operate)
	Memet Ozek (Conclusion)

Roundtable Debate	
18h00 – 18h30	Complications: How to Avoid and Manage Them
	Shlomi Constantini
	Wan Tew Seow
	Joachim Oertel
	Sanjiv Bhatia

Close

SCIENTIFIC PROGRAMME

Thursday, 2 November



07h00 – 08h00	Sunrise Symposium – Hydrocephalus & Meet the Experts, Controversies and Case Discussions
	VENUE HALL D
SESSION	PLENARY III: HYDROCEPHALUS and INTRAVENTRICULAR NEUROENDOSCOPY – Plenary talks (20 minutes)
08h00 – 10h00	VENUE HALL B & C Chair: Shlomi Constantini, Andre Grotenhuis
08h00 – 08h20	Neuroendoscopy: what the future holds (<i>Award for Lifetime Outstanding Contribution to the Research and Clinical Practice of Hydrocephalus and Neuroendoscopy</i>) – James Drake
08h20 – 08h40	Recent concepts on physiology and dynamics of the CSF – Charles Raybaud
08h40 – 09h00	New insights in to HCP by real time MRI – Hans Ludwig
09h00 – 09h20	Relationship between treated large ventricles (ETV) and neuropsychological outcomes in hydrocephalus – Jay Riva-Cambrin
09h20 – 09h40	The international infant hydrocephalus study – neurocognitive results – Abhaya Kulkarni
09h40 – 09h45	Prelude to IFNE2019 – St Louis Missouri – Samer Elbabaa
09h45-10h30	Presidential oration – Spyros Sgouros
10h30 – 11h00	Refreshments

Thursday, 2 November

Paediatric I		Skullbase Expanded Approaches and Indications – Tips and How We Do It		SPINE Craniovertebral junction, Cervical and Thoracic Spine	
SESSION	VENUE HALL A Chair: Abhaya Kulkarni, James Goodrich	SESSION	VENUE HALL B Chair: Wouter Van Furth, Sam Mokgokong	SESSION	VENUE HALL C Chair: Crispin Thompson, Salman Sharif
11h00 – 13h00	Invited talks (15 minutes)	11h00 – 13h00	Invited talks (15 minutes)	11h00 – 13h00	Invited talks (15 minutes)
11h00 – 11h15	Advanced imaging of paediatric hydrocephalus – Charles Raybaud	11h00 – 11h15	Surgical anatomy for control of ethmoidal arteries during extended endoscopic endonasal or microsurgical resection of vascular anterior skullbase meningiomas – Mohammed El Fiki	11h00 – 11h15	Endoscopic screw fixation of odontoid fractures – Alberto Delitala
11h15 – 11h30	Use of adjuvant technologies in paediatric neuroendoscopy – Zulma Tovar-Spinoza	11h15 – 11h30	Sinonasal malignancies of the anterior skullbase – histology driven treatment strategies – Paolo Castelnuovo	11h15 – 11h30	Endoscopic anterior cervical discectomy and canal decompression a motion segment preserving surgery – Destandau's technique. – Srinivas Rohidas
11h30 – 11h45	Neuroendoscopic surgery for paediatric intraventricular cystic lesions – Nobuhita Morota	11h15 – 11h30	The medial transnasal and lateral transthemoidal endoscopic approach to the central skull base – Robert Reisch	11h30 – 11h45	Endoscopic posterior cervical foraminotomy for the treatment of osseus foraminal stenosis – Benedikt Burkhardt
11h45 – 12h00	Endoscopic approaches to paediatric epilepsy surgery – Sandi Lam	11h30 – 11h45	Modular study of transphenoidal surgery: anatomical study with clinical implication – Francesco Doglietto	11h45 – 12h00	Thoracoscopic assisted microdiscectomy – Erwin Cornips
12h00 – 12h15	Neuroendoscopic lavage in posthemorrhagic hydrocephalus – Ulrich Thomale	11h45 – 12h00	Suprasellar meningioma: endoscopic transnasal excision versus transcranial approach: Ain Shms Univ – Adel Elhakim	12h00 – 12h15	Thoracoscopic approach to spine neoplasms and neurogenic spinal tumors – Artem Gushcha
12h15 – 12h30	Ventricular stents – neonates – Benedetta Pettorini	12h00 – 12h15	Microvascular decompression and partial sensory rhizotomy for trigeminal neuralgia with special reference to endoscopic-assisted microsurgery – Jorg Baldauf	12h15 – 12h30	Thoracoscopic sympathectomy for hyperhidrosis – Noel Perin
	MINI-SYMPOSIUM Endoscopic Repair in Craniosynostosis	12h15 – 12h30	Endoscopic endonasal approaches to clivus chordomas and chondrosarcomas – Savas Ceylan	12h30 – 12h45	Transforaminal endoscopic discectomy to thoracic and lumbar spine – Robert Saffic
12h30 – 12h45	Endoscopy-assisted treatment of craniosynostosis – Jose Hinojosa	12h30 – 12h45	Endoscopic treatment of dysthyroid optic neuropathy – Moncef Berhouma		
12h45 – 13h00	Endoscopic treatment of single suture synostosis – Hans Delye	12h45 – 13h00			
13h00 – 13h15	Endoscopic management of multiple synostosis – David Jimenez				
	Discussion				
13h30 – 14h30	Lunch – VENUE Exhibition Area	Lunch Symposium Minimally Invasive Spine Surgery (Storz)			
					VENUE HALL D Chair

Thursday, 2 November

Intracranial Endoscopy-Assisted Intracranial Surgery	
SESSION	VENUE HALL A Chair: Charlie Teo, Anthony Figaji
14h00 – 15h32	Invited talks (15 minutes)
14h00 – 14h15	Endoscopic assisted glioma surgery – Puneet Plaha
14h15 – 14h30	Endoscope-assisted microsurgery (in brain tumors) – Sergey Gorelyshev
14h30 – 14h45	Endoscopy for pineal tumors – Lilliana Goumnerova
14h45 – 15h00	Endoscopic Parenchymal hematoma evacuation – Hisayuki Murai
15h00 – 15h32	Platform Presentations (8 minutes)
15h00 – 15h08	Purely endoscopic resection of pineal and Posterior Thalamic tumours using infra tentorial supradellar approach – Xiaobiao Zhang
15h08 – 15h16	Complex pineal region tumors: Let's take an EESI approach – Elizabeth Culpin / Matthew Crank
15h16 – 15h24	Minimally invasive endoscopic assisted evacuation of large Intra-Cerebral Hemorrhage – Aneela Darbar
15h24 – 15h32	High grade glioma: Fully endoscopic resection using – 5 Aminolevulinic Acid Fluorescence – Omar Al Awar

Skullbase Endonasal Endoscopic Approaches	
SESSION	VENUE HALL B Chair: Basil Enicker, Americo dos Santos
14h00 – 14h41	Invited talks (15 minutes)
14h00 – 14h15	Endoscopic endonasal approaches to sellar tumors – Roy Thomas Daniel
14h15 – 14h30	Endoscopic endonasal approach for the treatment of parasellar lesions – Masahiro Toda
14h30 – 14h45	Advances in endoscopic pituitary surgery and preservation of the normal pituitary gland – Neelam Venkataramana
14h45 – 15h41	Platform Presentations (8 minutes)
14h45 – 14h53	Transphenoidal endoscopy for pituitary adenomas and its associated learning curve – An institutional review – Ribhav Pasricha
14h53 – 15h01	Endoscopic endonasal 'cross-court' approach for small tuberculum sellae meningioma juxta-optic canal: surgical technique and outcome of visual function – Kiyohiko Sakata
15h01 – 15h09	Pre-operative evaluation of the interface between tuberculum sellae meningioma and the optic nerves on MRI for extended endoscopic endonasal transphenoidal surgery – Yasuhiko Hayashi
15h09 – 15h17	Outcome of microscopic vs. endoscopic Transphenoidal surgery for Large/Giant Pituitary adenomas – Zvi Ram
15h17 – 15h25	Endoscopy assisted surgery in anterior fossa lesions – Simon Mueller
15h25 – 15h33	Giant pituitary adenomas - How I do it and lessons learned – Patrick Legwara
15h33 – 15h41	Endonasal endoscopic excision of orbital lesions – Awadesh Jaiswal

Lumbar and Complex Spine	
SESSION	VENUE HALL C Chair: Joachim Oertel, Roger Smith
14h00 – 15h52	Invited talks (15 minutes)
14h00 – 14h15	Lumbar Micro-Endoscopic Discectomy: Surgical Technique and Nuances – Waleed Azab
14h15 – 14h30	Lumbar spine endoscopy – Wesley Alaba
14h30 – 14h45	Combined multidisciplinary approach to management of painful metastatic disease – Roger Smith
14h45 – 15h00	Endoscopic postero-lateral Microdiscectomy and Foramina decompression - Guided with GPS and Intraoperative Monitoring (IOM) – John Chiu
15h00 – 15h15	The flexible endoscopy in treatment of spinal arachnoiditis and spinal arachnoid cysts – Artem Guscha
15h15 – 15h30	Topic TBC – Satishchandra Gore
15h30 – 15h52	Platform Presentations (8 minutes)
15h30 – 15h38	Less traumatic endoscopic laser thero-neurectomy for intractable Sacroiliac Joint (SIJ) Pain syndrome – John Chiu
15h38 – 15h46	Anterior Cervical Endoscopy 70 patients – Gilbert Mawera
15h46 – 15h52	Posterior Cervical Decompression/Fusion with Cervical Facet Cage (DTRAX) for Treatment of Herniated Cervical Spondylotic Radiculopathy

Thursday, 2 November

Intracranial Endoscopy-Assisted Intracranial Surgery		Skullbase Endonasal Endoscopic Approaches		Lumbar and Complex Spine	
SESSION	VENUE HALL A Chair: Charlie Teo, Anthony Figaji	SESSION	VENUE HALL B Chair: Basil Enicker, Americo dos Santos	SESSION	
15h32 – 15h49	Flash Presentations (5 minutes)	15h41 – 16h01	Flash Presentations (5 minutes)		
15h37 – 15h49	Management options in patients presenting with arachnoid cyst. A 9-year experience in a single centre – Paul Chumas	15h41 – 15h46	Outcome of comprehensive strategy in Endoscopic transsphenoidal surgery for pituitary acromegaly – Mohamed El-Fiki		
15h37 – 15h42	Classification of colloid cyst of the 3rd ventricle based on anatomical growth pattern confirmed by endoscopic management – Tarek Lofty Salem	15h46 – 15h51	Endonasal endoscopic repair of CSF leaks – Prashanth Maharaj		
15h42 – 15h49	The effectiveness of neuroendoscopic versus non-neuroendoscopic procedures in the treatment of lateral ventricular cysts: a retrospective medical record review study – Yuping Peng	15h51 – 15h56	Endonasal endoscopic approach for repair frontal sinus CSF leaks – Maqsood Ali Khan		
	Discussion	15h56 – 16h01	CSF leak: an unusual location – Davendran Kanesan		
			Discussion		
16h00 – 16h15	Refreshments				

SCIENTIFIC PROGRAMME

Thursday, 2 November



Intracranial Endoscopic Intraventricular Surgery	
SESSION	VENUE HALL A Chair: Martin Schuhmann and Samer Elbabaa
16h15 – 17h15	Invited talks (15 minutes)
16h15 – 16h30	Endoscopic treatment of complex hydrocephalus – Nasser El-Ghandour
16h30 – 16h45	Endoscopic foraminoplasty for idiopathic foramen of Monro occlusion – Waleed Azab
16h45 – 17h00	Endoscopic aqueductoplasty / stenting – Wolfgang Wagner
17h00 – 17h15	Endoscopic management of arachnoid cysts – Tenoch Herreda-Pineda
17h15 – 17h47	Platform Presentations (8 minutes)
17h15 – 17h23	Evolution of the Choroid plexus as a portal for homeostasis – Alexandra Kunz
17h23 – 17h31	Endoscopic approach to 4th ventricle cysticercosis – Humberto Belem de Aquino
17h31 – 17h39	Pure ventricular neuroendoscopic approach to the 3rd ventricle cystic craniopharyngioma – Piero Oppido
17h39 – 17h47	Potential and limitations in 3rd ventricle endoscopy: tailoring the approach – Samir Matloob/Dimitrios Paraskevopoulos

Skullbase Endonasal Approaches	
SESSION	VENUE HALL B Chair: Femi Bankole, Darlene Lubbe
16h15 – 17h00	Invited talks (15 minutes)
16h15 – 16h30	Supra-orbital keyhole approach or endoscopic endonasal approach in case of tuberculum sellae meningioma: which surgical route should be favoured – Stefan Linsler
16h30 – 16h45	Neuroendoscopic treatment of invasive cavernous sinus of pituitary adenoma – Yazhuo Zhang
16h45 – 17h00	Adult pituitary endoscopic transphenoidal series – emphasis on complications and their avoidance – Ajay Sinha
17h00 – 17h24	Platform Presentations (8 minutes)
17h00 – 17h08	Endoscopic treatment of skullbase chordoma – Yazhuo Zhang
17h08 – 17h16	Extracapsular dissection techniques for pituitary adenomas through an endonasal endoscopic transphenoidal approach – experiences and lessons we learned in TCVGH – Wen-Yu Cheng
17h16 – 17h24	Lessons learned from the Endoscopic Transsphenoidal Surgery for recurrent and/or residual pituitary adenomas – Hasan Jalalod'din

General Endoscopy	
SESSION	VENUE HALL C Chair: Peter Ssenyonga, Shazad Shahmim
16h15 – 17h00	Invited talks (15 minutes)
16h15 – 16h30	Neuroendoscopic simulation and medical education – Giselle Coelho
16h30 – 16h45	Endoscopic management of post-infectious hydrocephalus – Raji Mahmud
16h45 – 17h00	Neurosurgical training with resource restraints – Shahzad Shamim
17h00 – 17h32	Platform Presentations (8 minutes)
17h00 – 17h08	Changes in arachnoid cyst volume following successful endoscopic fenestration in symptomatic children – Marina Pitsika
17h08 – 17h16	A special burrhole reservoir for endoscopic-assisted ventricle catheter placement – Sebastian Antes/Simon Mueller
17h16 – 17h24	Endoscopic approach to tumors of the third ventricle: technical considerations for use of solid or flexible systems – Abdel Latif
17h24 – 17h32	A comparison of surgical treatments for cranial arachnoid cysts: a single centre experience – Samuel Hall

Thursday, 2 November

Intracranial Endoscopic intraventricular surgery		Skullbase Endonasal approaches		General Endoscopy	
SESSION	VENUE HALL A Chair: Martin Schuhmann, Tenoch Herreda-Pineda	SESSION	VENUE HALL B Chair: Femi Bankole, Darlene Lubbe	SESSION	VENUE HALL C Chair: Peter Ssenyonga, Shazad Shahmim
17h47 – 17h57	Flash Presentations (5 minutes)	17h24 – 18h00	Round Table Discussion	17h32 – 17h57	Flash Presentations (5 minutes)
17h47 – 17h52	Long-term reliability of aqueductoplasty in idiopathic aqueductal stenosis related hydrocephalus – Sascha Marx	17h24 – 18h00	Anterior skullbase meningiomas: pros and cons for Endonasal approach Henry Schroeder (Mod) Daive Locatelli (Pro) Daniel Prevedello (Cons) Savas Ceylan (Conclude)	17h32- 17h37	Clinical characteristics and efficacy of endoscopic third ventriculostomy in symptomatic persistent Blake's pouch cyst in adults – Yasuo Sasagawa
17h52 - 17h57	Treatment of Multiloculated hydrocephalus using endoscopic cyst fenestration and endoscopic guided VP shunt insertion – Sirachai Piyachon			17h37 – 17h42	Spontaneous resolution of iatrogenic metastasis of a Colloid cyst. A case report – Sergey Abeshaus
17h57 – 18h02	Transcortical Transventricular Approach for cystic craniopharyngioma: Personal case series – Dhaval Shukla			17h42 – 17h47	Intraventricular cystic treatment by endoscopy in Mali – Omar Diallo
				17h47 – 17h52	Intra-catheter endoscopy with the shunt scope – Simon Müller
				17h52 – 17h57	Evaluation of the use of stents to augment endoscopic fenestration of cranial arachnoid cysts – Samuel Hall
				17h57– 18h02	Endoscopic removal of suprasellar arachnoid cyst – is final cyst-cisternostomy always mandatory? – Christoph Wiegand

20h00

Celebration Dinner | Century City Conference Centre

Friday, 3 November

07h00 – 08h00	Sunrise Symposium (Lisa Laser/AHG) – Adjuncts in Neuroendoscopy: Use of the Thulium Laser	
	VENUE HALL D	
	Chair: Patrick Semple, Stefan Wolfsberger	
PLENARY IV: SKULLBASE – Plenary talks (20 minutes)		
08h00 – 10h30	VENUE 1	
08h00 – 08h20	Craniopharyngiomas: Endoscopic options in recurrence – Davide Locatelli	
08h20 – 08h40	Cavernous sinus approach in Endoscopic Pituitary Surgery – Deopujari Chandrashekhar	
08h40 – 09h00	Endoscope-assisted microsurgical skullbase surgery of the CP angle – technique and indications – Henry Schroeder	
09h00 – 09h20	Intact orbit endoscopic surgical approaches – Paulo Castelnuovo	
09h20 – 09h40	From sinus to skull base surgery, valid information for the Neurosurgeon – Daniel Simmen	
09h40 – 10h00	Teamwork and setting up your practice in endoscopic skullbase/pituitary surgery – Wouter Van Furth	
10h00 – 10h20	Limits of Endoscopic endonasal surgery – Daniel Prevedello	
10h30 – 11h00	Refreshments	
Intracranial Endoscopy-assisted intracranial surgery		
11h00 – 13h00	VENUE HALL A Chair: Puneet Plaha, Sally Rothemeyer	
11h00 – 11h45	Invited Talks (15 minutes)	
11h00 – 11h15	Anterior and posterior commissurotomy in epilepsy surgery – Albert Sufjanov	
11h15 – 11h30	Endoscopic surgery in hypothalamic hamartoma as treatment for gelastic seizures – Flavio Giordano	
11h30 – 11h45	Endoport guided endoscope-assisted microsurgical removal of deep brain and intraventricular lesions – Roman Bosnjak	
Paediatrics II & General		
11h00 – 13h00	VENUE HALL B Chair: Paul Chumas, Liliana Goumerova	
11h00 – 11h45	Invited Talks (15 minutes)	
11h00 – 11h15	Endoscopic surgery in paediatric neurosurgery using a flexible endoscope – Kazuaki Shimoji	
11h15 – 11h30	Endoscopic endonasal surgery in children with non-pneumatized sphenoid sinuses – James T Goodrich	
11h30 – 11h45	CSF fistula after intraventricular procedures as an underestimated complication in kids and their consecutive repair – Christoph Wiegand	
Technology & Innovation		
11h00 – 13h00	VENUE HALL C Chair: John Ouma, Benedetta Pettorini	
11h00 – 12h15	Invited Talks (15 minutes)	
11h00 – 11h15	Innovation and future advancements in Neuroendoscopy – Samuel Browd	
11h15 – 11h30	Navigation and Robotics for Neuroendoscopy – Stefan Wolfsberger	
11h30 – 11h45	Recent advances in endoscopic ICG angiography – Veit Rohde	
11h45 – 12h00	Comparison of 2D and 3D endoscopy during surgery for perisellar pathology – Rudiger Gerlach	
12h00 – 12h15	High-tech innovation in surgical scope system – Kenichi Nishiyama	

Friday, 3 November

Intracranial Endoscopy-assisted intracranial surgery	
SESSION	VENUE HALL A Chair: Puneet Plaha, Sally Rothemeyer
11h45 – 12h41	Platform Presentations (8 minutes)
11h45 – 11h53	Endoscopic controlled keyhole approaches for clipping of anterior circulation aneurysms: a single centre experience over 2 years – Satish Verma
11h53 – 12h01	The basic and advanced neuroendoscopic techniques in intraventricular tumor surgery, focusing on hemostasis – Ryuhei Kitai
12h01 – 12h09	NPH... Does ETV have a role? – Salman Sharif
12h09 – 12h17	Endoscopic neurosurgery: how have we progressed especially in the field of endoscopic assisted surgery – Vayara Perumall
12h17 – 12h25	Value of early post op MRI in predicting ETV failure – Suhas Udayakumaran
12h25 – 12h33	Lumbar punctures in the management of post-op CSF leaks following endoscopic third ventriculostomy – Abdel Latif
12h33 – 12h41	Application of neuroendoscope in thalamic gliomas operation – Zhiqiang Hu

Paediatrics II & General	
SESSION	VENUE HALL B Chair: Paul Chumas, Liliana Goumerova
11h45 – 12h33	Platform Presentations (8 minutes)
11h45 – 11h53	Transfrontal, transsphenoidal, transventricular, which endoscopic route in paediatric craniopharyngioma – Christoph Wiegand
11h53 – 12h01	Comparison of traditional methods versus combined use of an Aspirating/Resecting device for stoma creation during ETV in paediatric patients – Kaine Onwuzulike
12h01 – 12h09	Reconsidering therapeutic effect of endoscopic third ventriculostomy in communicating hydrocephalus with normal pressure hydrocephalus symptoms – Masakazu Miyajima
12h17 – 12h25	Endoscopic trans-sphenoidal surgery and intra-operative MRI scanning in paediatric pituitary tumours – Matthew Crank
12h25 – 12h33	Benefits of routine insertion of Ventricular Access Device (VAD) during ETV in paediatric population – Marina Pitsika
12h47 – 12h55	Use of a novel intra-operative ultrasound imaging technique in multiloculated hydrocephalus – Emmanuel Wegoye (12h47 – 12h55)

Technology & Innovation	
SESSION	VENUE HALL C Chair: John Ouma, Benedetta Pettorini
11h00 – 13h00	Platform Presentations (8 minutes)
12h15 – 12h23	Development of a synthetic simulator for endoscopic-assisted repair of metopic and sagittal synostosis – James Drake
12h23 – 12h31	Development of an ETV simulator – Deopujari Chandrashekhar
12h31 – 12h39	Development of neuroendoscopy and minimally invasive surgery at Taichung Veterans General Hospital, Taiwan – Chiung-Chyi Shen
12h39 – 12h47	Cost effective biodegradable ETV training model – Ramesh Teegala
12h47 – 12h55	Using the TIME- SLIP MRI to establish patency between adjacent CSF spaces in children with Sylvian arachnoid cysts treated with endoscopic fenestration – Oscar Guillermo Garcia Gonzales
ALTERNATIVE TALK IF NO GARCIA GONZALEZ:	

SCIENTIFIC PROGRAMME

Friday, 3 November



Intracranial Endoscopy-Assisted Intracranial Surgery		Paediatrics II & General		Technology & Innovation	
SESSION		SESSION		SESSION	
	VENUE HALL A Chair: Puneet Plaha, Sally Rothemeyer		VENUE HALL B Chair: Paul Chumas, Liliana Goumerova		VENUE HALL C Chair: John Ouma, Benedetta Pettorini
12h41 – 13h01	Flash Presentations (5 minutes)	12h33 – 13h03	Flash Presentations (5 minutes)	12h33 – 12h58	Flash Presentations (5 minutes)
12h41 – 12h46	Intrinsic temporal lobe tumors -endoscopic resection – Alexandros Boukas	12h33 – 12h38	Clinical and treatment pattern of children with hydrocephalus who underwent endoscopic third ventriculostomy (ETV) at Muhimbili Orthopedic Hospital (MOH) – Happiness Rabel	12h33 – 12h38	Development and evaluation of a patient specific simulator for endoscopic Colloid cyst resection – James Drake
12h46 – 12h51	Evaluation of the use of stents to augment endoscopic fenestration of cranial arachnoid cysts – Samuel Hall	12h38 – 12h43	Navigated endoscopic treatment of paediatric multiloculated hydrocephalus at IALCH – Basil Enicker	12h38 – 12h43	Make your own' Endoscopy simulator for practising Hand-Eye coordination for endonasal and skullbase endoscopy – Adesh Shrivastava
12h51 – 12h56	Neuronavigation assisted endoscopy for intracranial tumor – Li Xuqin	12h43 – 12h48	Sagittal synostosis: Endoscopic suturectomy without helmet. Two case reports Jimenez – Rolando Jimenez-Guerra	12h43 – 12h48	Endoscopic laser for arachnoid cysts – Sebastian Eibach
12h56 – 13h01	Fully endoscopic intraventricular callosotomy epilepsy – Albert Sufianov	12h48 – 12h53	Neuroendoscopic management for pineal tumors in paediatric patients – Sergio Valenzuela	12h48 – 12h53	Frequency and treatment of hydrocephalus prior to and after surgery for posterior fossa tumors in adults – Sascha Marx
	Discussion	12h53 – 12h58	Role of Intra-operative MRI in resection of paediatric anterior skullbase lesions – initial experience with endoscopic skullbase surgery – Ajay Sinha	12h53 – 12h58	A case of obstructive tetraventricular hydrocephalus successfully freed from shunt by endoscopic third ventriculostomy (ETV) with aid of continuous ICP monitoring – Marika Furlanetto
		12h58 – 13h03	Frameless stereotactic-guided procedures in paediatric brain tumors – Mohamed Alsawy	12h58 – 13h03	Radiological Biomarkers of ETV outcome – Bronwyn Gavine
			Discussion		Discussion
13h00 – 14h00	Lunch	Lunch Symposium Endoscopic Skullbase Approaches: How I do it (video session)		VENUE HALL D	

Friday, 3 November

Intracranial Challenges And Pushing Boundaries	
SESSION	VENUE HALL A Chair: Sergio Valenzuela, Wolfgang Wagner
14h00 – 15h00	Invited talks (15 minutes) Endoscopic ventricular anatomy – Roberto Dezena
14h00 – 14h15	Endoscopic neurosurgery of intracranial potential spaces – Azmi Alias
14h15 – 14h30	ETV in Chiari I malformation – Guirish Solanki
14h30 – 14h45	Ultrasound navigation instead of frameless intraoperative navigation during endoscopic procedures – Martin Schuhmann
14h45 – 15h00	Platform Presentations (8 minutes) Predictors of ETV-CPC success in a North American setting: An HCRN study – Jay Riva-Cambrin
15h00 – 15h08	CSF upward flow during neuroendoscopy of obstructive HCP: What can we learn from realtime MRI? – Hans Ludwig
15h08 – 15h16	Alteration in ventricular dimensions after ETV and its correlation with neurodevelopmental outcome – Subodh Raju
15h16 – 15h24	Experience of obstructive hydrocephalus management secondary to intraventricular haemorrhage: a review between EVD alone vs. endoscopic washout with EVD – Naavin Balakrishnan
15h24 – 15h32	Division of the choroid fissure and massa intermedia to allow endoscopic monoportal combined third ventriculostomy and pineal region tumor debulking – Charlotte Burford
15h32 – 15h40	Purely endoscopic technique used in removal of intraventricular tumors – Yuping Peng
15h40 – 15h48	

Skullbase Endonasal Endoscopic Approach	
SESSION	VENUE HALL B Chair: Clemens Schirmer, Lee Zimmer
14h00 – 14h45	Invited talks (15 minutes) Endoscopic exposure of the infratemporal fossa – Philip Theodosopoulos
14h00 – 14h15	Endoscopic endonasal surgery for recurrent pituitary adenoma: Technical challenges and clinical outcome – Suresh Sankhla
14h15 – 14h30	Endoscopic pituitary surgery for Cushing's disease – Nurperi Gazioglu
14h30 – 14h45	Platform Presentations (8 minutes) Learning curve for the endoscopic endonasal approach for suprasellar craniopharyngioma – Ye Gu
14h45 – 14h53	Endonasal transphenoidal approach for skullbase Lesions – Bagathsingh Karuppanan
14h53 – 15h01	Analysis of clinical factors in predicting prognosis of patients with clival chordomas – Yixuan Zhai
15h01 – 15h09	Anatomy and application of endoscopic endonasal trans-ACP approach – Tao Hong
15h09 – 15h17	Anatomy and application of endoscopic endonasal trans-ACP approach – Tao Hong
15h17 – 15h25	Endoscopic CSF Fistula Repair Evaluation Score, can it be validated – Yousuf Shaikh
15h25 – 15h33	

Technology and Innovation	
SESSION	VENUE HALL C Chair: Ulrich Wilhelm Thomale, Moncef Berhouma
14h00 – 15h00	Invited talks (15 minutes) Role of endoscope holder devices – Dimitrios Paraskevopoulos
14h00 – 14h15	Lasers in Neuroendoscopy – Piero Oppido
14h15 – 14h30	Ultrasonic aspirator in neuroendoscopy – Bassel Zebian
14h30 – 14h45	Use of 3D endoscopy in neurosurgery – Giuseppe Catapano
14h45 – 15h00	Platform Presentations (8 minutes) First laboratory and clinical experiences with a new 3D/HD exoscope for transcranial neurosurgical procedures – Peter Prommel
15h00 – 15h08	Current techniques of imaging and projection in neuroendoscopic surgery – Kenichi Nishiyama
15h08 – 15h16	Fenestration of third ventricular floor with a 0 degree endoscope – Asheesh Tandon
15h16 – 15h24	Initial impressions of 3D endoscope for Transphenoidal surgery – David Roytowski
15h24 – 15h32	Minimal tubular access surgery: a single surgeon's experience in the corridors of the neuraxis – Nirmeen Zagzoog
15h32 – 15h40	Operative planning and navigation in neuroendoscopy, a tailored approach for accuracy – Ulrich Thomale
15h40 – 15h48	

SCIENTIFIC PROGRAMME

Friday, 3 November

Intracranial Challenges and Pushing Boundaries		Skullbase Endonasal Endoscopic Approach		Technology and Innovation	
SESSION	VENUE HALL A Chair: Sergio Valenzuela, Wolfgang Wagner	SESSION	VENUE HALL B Chair: Clemens Schirmer, Lee Zimmer	SESSION	VENUE HALL C Chair: Ulrich Wilhelm Thomale, Moncef Berhouma
15h48 – 16h23	Flash Presentations (5 minutes) Endoscopic third ventriculostomy – case selection and avoidance – Sunil Kumar Singh	15h33 – 15h53	Flash Presentations (5 minutes) Endoscope-assisted microvascular decompression of Cranial nerves – Ramesh Teegala	15h48 – 16h03	Flash Presentations (5 minutes)
15h48 – 15h53	Endoscopic treatment of Juan Barges Colloid cyst of the third ventricle: technical note – Sebastien Freppel / Sylvain Portet	15h33 – 15h38	Rare giant sellar, parasellar, suprasellar mass – How we missed it? – learning from hindsight – Mahendra Singh Chouhan	15h48 – 15h53	Neuroscopes in aneurysm clipping – Santhana Krishnan
15h53 – 15h58	Endoscopic assisted evacuation of chronic subdural hematoma – Netanel Benshalom	15h38 – 15h43	Long term follow-up of growth-hormone secreting pituitary adenomas submitted to endoscopic endonasal surgery – Americo Dos Santos	15h53 – 15h58	Endoscopic monoportal resection of a giant Colloid cyst in a child – Bassel Zebian / Nida Kalyal
15h58 – 16h03	Endoscopic management of intracranial cystic lesions – Hasan Jalalod'din	15h43 – 15h48	Transnasoseptosphenoïdal surgeries in Korle Bu teaching Hospital, Ghana: A 12-year experience with microscopic and endoscopic approaches – Ubong Ekpene	15h58 – 16h03	Endoscopic transventricular stenting of a symptomatic midbrain tumor cyst – Bassel Zebian / Nida Kalyal
16h03 -16h08	Long-term reliability of aqueductoplasty in idiopathic aqueductal stenosis related hydrocephalus – Sascha Marx	15h48 – 15h53			
16h08 -16h13	Frequency and treatment of hydrocephalus prior to and after surgery for posterior fossa tumors in adults – Sascha Marx				
16h13 – 16h18	in a patient with a basilar artery aneurysm – case report and review of the literature – Ali Shah				
16h18 – 16h23	Discussion				
			Round table discussion: Craniopharyngioma: pros and cons for endonasal approach – Eugene Yu (Moderator) – Fred Gentili (Pros) – Chandrashekhar Deopujari (Cons) – Philip Theodosopoulos (Conclude)		Round table discussion: 2D or 3D endonasal skullbase surgery – Robert Reisch (Moderator) – Rudiger Gerlach (3D) – Giuseppe Catapano (2D) – Patrick Semple (Conclude)
17h00	Closing Address VENUE HALL A				

Saturday 4 November

Endoscopic Approaches to the Skullbase (Combined ENT and Neurosurgery Workshop – Cadaver Based)

Venue	Surgical Skills Laboratory, 6th floor, Institute for Child Health, Red Cross War Memorial Children's Hospital
Local Convenors	Patrick Semple (Neurosurgery), Darlene Lubbe (ENT)
Faculty	Davide Locatelli (Neurosurgeon) , Paolo Castelnovo (ENT), Daniel Simmens (ENT), Robert Reisch (Neurosurgery), Henry Schroeder (Neurosurgery), Charles Teo (Neurosurgery), Rudiger Gerlach (Neurosurgery), Fred Gentili (Neurosurgery), Lee Zimmer (ENT)

07h30	Workshop Registration
08h30 – 09h45	Lectures
	Basic anatomy: sinuses – Lee Zimmer (ENT)
	Basic anatomy: skullbase – Robert Reisch (Neurosurgery)
	Transtuberculum-transplanum approach – Daniel Simmen (ENT)
	Transsellar approach – Ruediger Gerlach (Neurosurgery)
	Transtuberculum-transplanum approach – Henry Schroeder (Neurosurgery)
09h45 – 10h00	Refreshment break
10h00 – 11h30	Transclival approach – Charles Teo (Neurosurgery)
	Transpterygoid approach – Daniel Prevedello (Neurosurgery)
	Transcavernous approach – Davide Locatelli (Neurosurgery)
	Transorbital approaches – Paolo Castelnovo (ENT)
	Complication avoidance – Fred Gentili (Neurosurgery)
	Discussion
11h30 – 12h30	Lunch
12h30 – 17h00	Hands-on Dissection

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