

Neuroendoscopy Committee Report

Chandrashekhar Deopujari and Mahmood Qureshi, Co-Chairs

Following the World Congress in Beijing, China, the Neuroendoscopy Committee had planned a vibrant set of Neuroendoscopy meetings. The Pandemic changed all our plans. In summary:

December 2019: in Mumbai, the Committee participated in the Indian Skull base Congress and later, at the Asian Australasian Congress. Each had 20 participants.

January 2020: in a highly successful course, the Committee Co-chair (C Deopujari) and three other Committee members joined the Naples Neuroendoscopy course.

From March 2020: all physical courses were cancelled, following an advisory from the WFNS President, Franco Servedei, and replaced by virtual online Webinars.

April 2020: The planned Neuroendoscopy Course in Cairo was changed to a virtual Webinar, conducted by Prof Nasser El Ghandour and joined by Committee Co-chair, Mahmood Qureshi.

Between April – June 2020: the Committee joined the Pakistan Neurosurgical Society and IFNE for the first four online Webinars.

From August 2020: the Neuroendoscopy Committee developed a series of Webinar courses, aimed primarily at Young Neurosurgeons and Residents in training. These have been conducted twice a month, held every alternate Fridays. There were very well received and appreciated.

We wish to acknowledge the excellent support received from Ms Teresa Chen (WFNS Central Office), who along with Mr Metin (in charge of IT services), provided a highly professional level of technical support. The response from global neurosurgical faculty and Neuroendoscopy Committee members was exceptionally positive. Participants from across the globe were regularly registered.

The list of the Neuroendoscopy Committee Webinar series is as follows:

Session 1: 28th August 2020: Moderator N K Venkatramana

Topic: Hydrocephalus

Speakers: Andre Grotenhuis, Mahmood Qureshi, Arthur Da Cunha, Abhya Kulkarni

Session 2: 11th September 2020: Moderator: Joachim Oertel

Topic: Hydrocephalus:

Speakers: Aaron Mohanty, Nasser El Ghandour, Azmi Alias, Llewallen Padayachy

Session 3: 25th September 2020: Moderator Henry Schroeder

Topic: Arachnoid Cysts

Speakers: Samer Elbaba, Gianpiero Tamburrini, Samuel Zymberg

Session 4: 9th October 2020: Moderator David Oluoch-Olunya

Topic: Endoscopy for tumours and cysticercosis.

Speakers: Henry Schroeder, Mohamed El Beltagy, Carlos Gagliardi, Tenoch Herrada

Session 5: 23rd October 2020: Moderator Albert Sufianov

Topic: Endoscopy for ventricular tumours and lesions
Speakers: J, Oertel, Kazihito Takeuchi, Guiseppe Cinalli, Aneela Darbar

Session 6: 6th November 2020: Moderator Paolo Capabianca
Topic: Endonasal Endoscopic Pituitary Surgery
Speakers: Javier Abarca-Olives, Waleed Azab, Nelson Oyeseke, Fred Gentili

Session 7: 20th November 2020: Moderator Sebastian Frolich
Topic: Extended Endonasal Skull base approaches
Speakers: Danial Pravedello, Daniel Kelly, Luigi Cavallo, Nishit Shah

Session 8: 4th December 2020: Moderator Jim Evans
Topic: Endonasal, Endoscopic Skull base - Special considerations
Speakers: Harman Singh, James Liu, Davide Milani

Session 9: 18th December 2020: Moderator Andre Grotenhuis
Topic: Skull base Endoscopy - Special consideration
Speakers: Stefan Wolfsbergere, Imad Kanaan, Roman Bosnjak, Henry Schroeder

Session 10: 8th January 2021: Moderators Salman Sharif, Mahmood Qureshi
Topic: Spinal Endoscopy
Speakers Hikmet Ulug, Joachim Oertel

Session 11: 22nd January 2021: Moderator Joachim Oertel
Topic: Advanced Spinal Endoscopy
Speakers: Shrinivas Rohindas, Salman Sharif

Session 12: 5th February 2021: Moderator Kenichi Nishiyama
Topic: Advances in Ventricular Endoscopy
Speakers: Connor Malluchi, Ulrich Thomale, Sergio Cavalheiro, Joachim Oertel, Subash Raju

Session 13: 19th February 2021: Moderators Sandi Lam, Martin Schumann
Topic: Novel Indications of Neuroendoscopy
Speakers: Annie Drapeau, Henry Schroeder, Stefan Wolfberger, P Sarat Chandra, Alvero Cordoba

Session 14th FINAL SESSION 12th March 2021: Moderator Andre Gotenhuis
Topic: Debates in Neuroendoscopy
Speakers: Samer Elbaba & S Sankhla; M Schumann & Henry Schroeder, R. Yadav & D Pravedello, S Froelich & C Sen, D Goto & P Gardner

The forums have been a remarkable insight into the value of online teaching. Vibrant discussions have been held. The Neuroendoscopy Committee will conclude the series after the next three remaining courses over the next 2 months.



WFNS NEUROENDOCRINE ONLINE SYMPOSIUM

30, 31 JANUARY 2021

**Block
your
Dates!**

Register Online at :

<https://wfnsneuroendocrine2021.vama.events/Index/RegEmail>

WELCOME MESSAGE



Dear Colleague,

The WFNS Neuro Endocrine Symposium is being held on the 30th and 31st of January 2021. This interesting meeting is completely virtual/online. Straddling topics of interest to all neurosurgeons, we hope this will be a learning opportunity to hear from and interact with leading luminaries in the field.

Registration is compulsory but free! The digital management group for the meeting promise an engaging experience.

The organizing committee extends a warm and a personal invite. Please mark your calendar for the meeting. We request you to pass the message to interested colleagues and your trainees. Looking forward to welcome you at the WFNS Neuro Endocrine Symposium 2021!

Chandrashekhar Deopujari
Co-Chairman

Mahmood Qureshi
Co-Chairman

Vikram Karmarkar
Scientific Co-ordinator

Krishna Shroff
Program Co-ordinator

PROGRAM



Saturday, 30th January 2021

All times Indian Standard time (GMT+5 ½ hours)

1615-1620 hrs Welcome Address : ChandrashekharDeopujari, Mahmood Qureshi

1620-1630 hrs Neurosurgical education in COVID times: Dr. Franco Servadei, President – WFNS

Guest of Honour: A.K. Banerji

Session I : Keynote Lectures- Chairperson: R. Fahlbusch, Geeta Chacko, Engelbert Knosp, Lokendra Singh

1630-1645 hrs Neuroendocrine Surgery: Historical Aspects and Eraritjaritjaka

Anil Nanda

1645-1700 hrs Newer Pathological classification for clinicians

Geeta Chacko

1700-1715 hrs Impact of newer classification on neurosurgical practice

Ari Chacko

1715-1730 hrs Update on Cushing's disease

Nalini Shah

1730-1750 hrs Principles of surgery in functioning microadenomas

Rudolf Fahlbusch

1750-1810 hrs Surgery for large functioning tumours

Nelson Oyesiku

1810-1830 hrs Role of Transcranial surgery in functioning pituitary tumours

William Couldwell

1830-1840 hrs DISCUSSION

PROGRAM



Saturday, 30th January 2021

All times Indian Standard time (GMT+5 ½ hours)

Session II: Chairperson: William Couldwell, N Muthukumar, Bhawani Shankar Sharma, Fred Gentili

1840-1855 hrs	Functioning tumours with cavernous sinus involvement
1855-1910 hrs	Recurrent non-functional tumours
1910-1925 hrs	Management of recurrent functioning tumours
1925-1940 hrs	Management of pituitary apoplexy
1940-1955 hrs	Hormonal outcome after surgery for large pituitary adenomas
1955-2005 hrs	DISCUSSION

**Engelbert Knosp
Fred Gentili
Edward Laws
Natarajan Muthukumar
Vedantam Rajshekhar**

Session III : Chairperson: Daniel Prevedello, Sanjay Behari, Yad Ram Yadav, R C Mishra

2005-2020 hrs	Surgery for Prolactinomas
2020-2035 hrs	Surgery for Acromegaly
2035-2050 hrs	Surgery for Cushing's disease
2050-2105 hrs	Surgery for Recurrent functional pituitary tumours
2105-2120 hrs	New aspects of medical management of Cushing's disease
2120-2135 hrs	Endocrine outcome in Paediatric Pituitary Tumours
2135-2145 hrs	DISCUSSION

**Manas Panigrahi
Daniel Prevedello
Deepu Banerji
James Evans
Marie Couldwell
Ajay Sinha**

PROGRAM



Saturday, 30th January 2021

All times Indian Standard time (GMT+5 ½ hours)

Session IV : Chairperson: Salman Sharif, Suresh Nair, Mahesh Chaudhari, Manmohan Singh

2145-2200 hrs	Oncological perspective for pituitary tumours
2200-2215 hrs	Confocal endoscopy in pituitary tumours
2215-2230 hrs	Pituitary Carcinoma
2230-2245 hrs	Radiosurgery for functioning pituitary tumours
2245-2300 hrs	Radiotherapy for pituitary tumours
2300-2310 hrs	DISCUSSION

**Akanksha Sharma
Alvaro Cordoba
Henry Schroeder
V P Singh
Tejpal Gupta**

PROGRAM



Sunday, 31st January 2021

All times Indian Standard time (GMT+5 ½ hours)

Session V: Chairperson: Mahmood Qureshi, Henry Schroeder, Suresh Sankhla, Ashis Pathak

1330-1345 hrs	Surgical classification of Pituitary tumours
1345-1400 hrs	Predictive factors in Pituitary surgery
1400-1415 hrs	Presurgical Planning for Sellar and Suprasellar surgery
1415-1430 hrs	Training for endonasal pituitary and skull-base surgeries
1430-1445 hrs	Uni-nostril vs. bi-nostril techniques for trans-nasal surgery
1445-1500 hrs	Pure Endoscopic vs Microscope/Endo assistance in trans-nasal surgery
1500-1515 hrs	Endoscope assisted microsurgery for sellar/suprasellar lesions
1515-1525 hrs	DISCUSSION

**Atul Goel
Hemant Bhartiya
Stefan Wolfsberger
Sébastien Froelich
Joachim Oertel
Ashish Suri
Imad Kanaan**

Session VI : Chairperson: Keki Turel, Nishit Shah, Dilip Panikar, Rajan Shah

1525-1540 hrs	Management of the carotid artery in endonasal pituitary surgery
1540-1555 hrs	Complication avoidance in trans-nasal surgery with focus on CSF leak
1555-1610 hrs	The past and future of neuroendoscopic skull-base surgery Janus
1610-1620 hrs	DISCUSSION

**Roman Bosnjak
Domenico Solari
Andre Grotenhuis**

PROGRAM



Sunday, 31st January 2021

All times Indian Standard time (GMT+5 ½ hours)

Session VII : Chairperson: R Boop, Vedantam Rajshekhar, Suneel Shah, Basant Misra

1620-1635 hrs	Radical Vs. Conservative surgery for craniopharyngiomas
1635-1650 hrs	Surgery for craniopharyngiomas in Adults
1650-1705 hrs	Surgery for craniopharyngioma in Children
1705-1720hrs	Surgical approaches to craniopharyngioma. Personal experience
1720-1735 hrs	Surgery for Recurrent craniopharyngiomas
1735-1745 hrs	DISCUSSION

**Rick Boop
Henry Schroeder
James Liu
Basant Misra
Davide Locatelli**

Session VIII: Chairperson: RakeshJalali, G Tamburrini, Vernon Velho, Giuseppe Cinalli

1745-1800 hrs	Intra-cystic treatments for craniopharyngiomas
1800-1815 hrs	Endoscopic management of Intraventricular craniopharyngiomas
1815-1830 hrs	Radiotherapy and role of Proton Beam therapy for craniopharyngiomas
1830-1845 hrs	Radiosurgery for craniopharyngiomas
1845-1855 hrs	DISCUSSION

**Gianpiero Tamburrini
Sergio Cavalheiro
Rakesh Jalali
Manjul Tripathi**

PROGRAM



Sunday, 31st January 2021

All times Indian Standard time (GMT+5 ½ hours)

Session IX: Chairperson: Anand Germanwala, P Sarat Chandra, N K Venkatramana, Rully Dahlan

1855-1910 hrs	Newer frontiers in skull base reconstruction	Anand Germanwala & Chirag Patel
1910-1925 hrs	Endocrine Preservation: Gland Preservation Techniques and Surgical Nuances in the Management of Complex, Vascular and Invasive Sellar/Parasellar Lesions	Amin Kassam
1925-1940 hrs	Surgery for Unusual sellar lesions	Waleed Azab
1940-1955 hrs	Management of Rathke Cleft Cysts	Chandrashekhara Deopujari
1955-2010 hrs	Update on Management of Hypothalamic Hamartomas	P Sarat Chandra
2010-2025 hrs	Neuroendocrine issues in Head Injury	Matthew Joseph
2025-2040 hrs	Management of Hypophysitis: Is there a role for surgery?	Vikram Karmarkar
2040-2050 hrs	DISCUSSION	

2050-2100 hrs Closing Remarks

