5th World Congress of the International Federation of Neuroendoscopy

30 May - 3 June 2009
Athens, Greece

Congress President: S. Sgouros, Athens, Greece
IFNE Honorary President: B. Bauer, Hannover, Germany
IFNE President: S. Oi, Tokyo, Japan
IFNE Vice-President: S. Constantini, Tel Aviv, Israel
IFNE Scientific Programme Chairman: G. Cinalli, Napoli, Italy

International Faculty

L. Alonso, La Habana, Cuba
C. Alvarez Pena, Lima, Peru
C. Brusius, Porto Alegre, Brasil
P. Cappabianca, Napoli, Italy
S. Constantini, Tel Aviv, Israel
A. Cordova, Montevideo, Uruguay
A.C. de Alencastro, Porto Alegre, Brazil
A. de Johng, La Habana, Cuba
P. Decq, Paris, France
C. Deopujari, Mumbai, India
C. DiRocco, Rome, Italy
A. dos Santos, Sao Paulo, Brazil
J. Drake, Toronto, Canada
G. Fernandez Molina, La Plata, Argentina
C. Gagliardi, La Plata, Argentina
A. Grotenhuis, Nijmegen, Netherlands
D. Hellwig, Marburg, Germany
A. Kassam, Pittsburg, USA
C. Mallucci, Liverpool, United Kingdom
M. Ozek, Istanbul, Turkey
M. Qureshi, Nairobi, Kenya
H. Rekate, Phoenix, USA
C. Sainte-Rose, Paris, France
H. Schroeder, Greifswald, Germany
M. Souweidane, New York, USA
S. Tau Zymbeg, Sao Paulo, Brazil
H. Velazquez Santana, Guadalajara, Mexico
T.T. Wong, Taipei, Taiwan

Local Faculty

D. Sakas, Athens, Greece
A. Sismanis, Athens, Greece
K. Polizidios, Thessaloniki, Greece
Ph. Tsitsopoulos, Thessaloniki, Greece
C. Kourtopoulos, Larissa, Greece
J. Vassilouthis, Athens, Greece
P. Silviaridis, Thessaloniki, Greece
C. Tsonidis, Thessaloniki, Greece
E. Boviatsis, Athens, Greece
G. Stranjalis, Athens, Greece
A. Vakis, Heraklion, Greece
D. Bouramas, Athens, Greece
M. Torrens, Athens, Greece
N. Foroglou, Thessaloniki, Greece
P. Maragoudakis, Athens, Greece

5th World Congress Participants in Individual Country
Saturday 30th May 2009

Pre-Congress Cadaveric Workshop
“Attikon” University Hospital
Endoscopic transcranial neurosurgery

13.00-13.25  Registration
13.25-13.30  S. Sgouros: Welcome
13.30-13.45  C. Gagliardi: Endoscopic anatomy of the ventricular system
13.45-14.00  A. Grotenhuis: Endoscopic Third Ventriculostomy. Indications, technique, instrumentation
14.00-14.15  S. Oi: Endoscopic cyst fenestration and tumour biopsy. Indications and technique
14.15-14.30  C. Charalampaki: Endoscope assisted microneurosurgery. Indications and technique

14.30-14.45  Coffee Break
14.45-16.15  Practical Training 1: Basic setup, orientation, troubleshooting
16.15-16.30  Coffee Break
16.30-18.00  Practical Training 2: Endoscopic anatomy of the ventricles, Endoscopic Third Ventriculostomy, Pellucidostomy-Septostomy, Aqueductoplasty

Sunday 31st May 2009

Pre-Congress Cadaveric Workshop
“Attikon” University Hospital
Endoscopic transnasal skull base surgery

08.00-08.15  P. Cappabianca: Endoscopic anatomy of the nasal cavity and the sphenoid sinus
08.15-08.30  H. Schroeder: Endoscopic transnasal transphenoidal surgery for pituitary tumours and craniopharyngiomas
08.30-08.45  A. Grotenhuis: Endoscopic transnasal approaches for tumours of the anterior skull base, clivus and cranio-cervical junction
08.45-09.00  C. Charalampaki: Reconstruction techniques for transphenoidal skull base surgery

09.00-09.15  Coffee Break
09.15-10.30  Practical Training 3: Endoscopic anatomy of the nasal cavity, sphenoid sinus, pituitary region
10.30-10.45  Coffee Break
10.45-12.30  Practical Training 4: Endoscopic transphenoidal approach to the anterior skull base, suprasellar region, clivus, posterior fossa
12.30-13.00  Discussion and Closing Remarks
13.00-13.30  Lunch and End of the Course
Sunday 31st May 2009

PRE-CONGRESS MEETING of the ITALIAN SECTION of NEUROENDOSCOPY

“Applications of Neuroendoscopy in Neuro-Oncology”
Organised by P. Longatti, Secretary of the Italian Section
Official Language is English. Non-Italian Congress attendees are welcome to participate

15:00-18:30

■ Skull Base Tumours
Chairmen: P. Cappabianca – G. Frank

15.00-15.10 Endoscopy-assisted anterior skull base surgery in a pediatric series
L. Massimi, M. Rigante, G. Tamburrini, M. Caldarelli, C. Parrilla, J. Galli, E. Scarano, B. Pettorini,
G. Plaudetti G, C. Di Rocco (Rome)

15.10-15.20 Anatomical structures involved in extended endonasal approaches to the skull base
I. Esposito, F. Esposito, D. Solari, V. Stagno, L.M. Cavallo, P. Cappabianca (Napoli)

15.20-15.30 Endoscopic endonasal transeptal approach versus retrosigmoid approach to the clival and
petroclival regions. Anatomical considerations
M. de Notaris, J. Ensenat, A. Benet, A. Prats-Galino, I. Esposito, D. Solari, E. Ferrer, L.M. Cavallo,
P. Cappabianca (Napoli and Barcelona, Spain)

15.30-15.40 Microsurgery and Endoneurosurgery: Complementary techniques for minimally invasive
transcranial approach to anterior skull base and sellar/parasellar tumors
U. Godano, V. Meleddu, M. Bellinzona (Cagliari)

15.40-15.50 Rathke’s Cleft Cysts: endoscopic transphenoidal treatment
D. Mazzatenta, E. Pasquini, M. Zoli, G. Frank (Bologna)

15.50-16.00 Transmaxillo-pterigo endoscopic surgery to the pterygopalatine and infratemporal fossa
C. Bordonaro, D. Mazzatenta, E. Pasquini, M. Zoli, G. Frank (Bologna)

16.00-16.15 Coffee Break

■ Midline Tumours
Chairmen: P. Longatti – A. Delitala

16.15-16.25 Contribution of neuro-endoscopy in the management of pineal region germinomas
P. Spennato, C. Ruggiero, M. Barbarisi, F. Aliberti, L. Quaglietta, R. Migliorati, G. Cinalli (Napoli)

16.25-16.35 The role of transventricular neuroendoscopy in the management of suprasellar tumours in children
P. Spennato, C. Ruggiero, F. Aliberti, V. Trischitta, G. Cinalli (Napoli)

16.35-16.45 Endoscopic biopsy of a rare case of adult PNET of the pineal region. Case report
A. Romano, C. Iaccarino, P. Mainini, F. Servadei (Parma)

16.45-16.55 Endoscopic biopsy for pineal region lesions
C. Mascari, U. Godano, M. Le Fosse, V. Meleddu (Cagliari and Bologna)

16.55-17.05 Endoscopic transeptal-Interfornical approach to IIIrd ventricle colloid cysts
D. Catapano, M. Bianco, R. Latino, V. D’Angelo (San Giovanni Rotondo)

17.05-17.15 Cystic cranioopharyngioma: The role of endoscopic ventriculo-cysto-cisternostomy
A. Delitala, A. Brunori, N. Russo, V. Mingione, A. Menniti (Rome)

17.15-17.30 Coffee Break
### Ventricular Tumours

**Chairmen: M. Gangemi – U. Godano**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>17.30-17.40</td>
<td>Endoscopic surgery for intraventricular tumours</td>
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<tr>
<td></td>
<td>M. Gangemi, G. Colella, V. Seneca, F. Magro (Napoli)</td>
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<tr>
<td>17.40-17.50</td>
<td>A restricted neuroendoscopic approach for pathological diagnosis of intraventricular and paraventricular tumours</td>
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<td>A. Fiorindi, P. Longatti (Treviso)</td>
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<td>17.50-18.00</td>
<td>Endoscopic laser treatment of intraventricular lesions</td>
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<td>M. Vitali, V.M. Custodi, C. Arienta, D. Locatelli (Pavia)</td>
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<tr>
<td>18.00-18.10</td>
<td>The role of neuroendoscopy in multimodal management of pediatric brain tumours. Analysis of 74 patients</td>
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<td>F. Giordano, B. Spacca, F. Mussa, I. Sardi, L. Sardo, M. Sanzo, P.A. Donati, L. Genitori (Firenze)</td>
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<tr>
<td>18.10-18.20</td>
<td>Videoneuroendoscopy vs. Fibreneuroendoscopy: Our experience</td>
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<td>V. Dallolio (Lecco)</td>
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<tr>
<td>18.20-18.30</td>
<td>The solid state laser and radiowave microfibre in neuroendoscopy of ventricular tumours</td>
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<td>Oppido P.A., Cattani F., Morace E. (Rome)</td>
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<tr>
<td>16.00-19.00</td>
<td>IFNE Executive Board Meeting</td>
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<td>21.00-21.00</td>
<td>Welcome Reception</td>
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<td>Hotel Grand Bretagne</td>
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# 5th World Congress of IFNE

**Monday 1st June 2009**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08.45-09.00</td>
<td>Meeting Opening</td>
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| **09.00-09.20** | The application of neuroendoscopical techniques in improving altered CSF physiology  
                        S. Oi (Tokyo, Japan) |
| 09.20-09.30 | Mobile Neuroendoscopy as an outreach service - A Kenyan approach  
                        M.M. Qureshi (Nairobi, Kenya) |
| 09.30-09.40 | Using the ETV success score to compare success of endoscopic third ventriculostomy versus  
                        cerebrospinal fluid shunt  
                        A.V. Kulkarni and collaborators for the Canadian Pediatric Neurosurgery Study Group (Toronto, Canada) |
| 09.40-09.50 | Trans-fourth ventricular aqueductoplasty and stenting in isolated fourth ventricle  
                        Y. Ersahin, T. Turhan (Izmir, Turkey) |
| 09.50-10.00 | CSF distribution changes after endoscopic third ventriculostomy in children  
                        Sainte-Rose (Paris, France) |
| **10.00-10.20** | State of the art of MR CSF flow imaging  
                        J. Hodel (Paris, France) |
| 10.20-10.30 | The role of endoscopic third ventriculostomy in the management of acute shunt malfunction  
                        C. Ruggiero, P. Spennato, F. Aliberti, V. Trischitta, G. Cinalli (Napoli, Italy) |
| 10.30-10.40 | Unusual Indications for ETV  
                        J.A. CostaVal (Nova Lima, Brazil) |
| 10.40-10.50 | Endoscopic management of hydrocephalus in special situations  
                        C. Brusius, R. Borba, S. Cavalheiro (Porto Alegre, Brazil) |
| 10.50-11.00 | Shunt removal and endoscopic treatment of obstructive hydrocephalus: A "road map" for safe  
                        management  
                        G.M. Ravegnani, A. Cama (Genova, Italy) |
| **11.00-11.20** | Coffee Break |

**Session 2 - Hydrocephalus**

*Chairman: C. Di Rocco (Rome, Italy)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 12.00-12.10 | Endoscopic third ventriculostomy versus cerebrospinal fluid shunt in the treatment of  
                        hydrocephalus in children: A propensity score – adjusted analysis  
                        A.V. Kulkarni, J.M. Drake, J.R.W. Kestle, C.L. Malluci, S. Sgouros, S. Constantini and the  
                        Canadian Pediatric Neurosurgery Study Group (Toronto, Canada; Salt Lake City, USA; Liverpool,  
                        United Kingdom; Birmingham, United Kingdom and Athens, Greece; Tel Aviv, Israel) |

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*J. Hydrocephalus, Vol. 1, No. 1, 2009*
12.10-12.20  Effectiveness of endoscopic third ventriculostomy in children in relation to age and aetiology of hydrocephalus  
M. Mandera, W. Szopa (Katowice, Poland)

12.20-12.30  Third Ventriculostomy in infants under 1 year of life. Report of 25 cases  
M. Rial, A Cordoba (Montevideo, Uruguay)

12.30-12.40  Endoscopic third Ventriculostomy in patients younger 2 years  
A. Sufianov, Iu. Iakimov, G. Sufianova (Irkutsk, Russia)

12.40-12.50  Evaluation of the age limit of 1 year to treat the hydrocephalus by endoscopy  
H. Kadri, A.A. Mawla (Damascus, Syria)

12.50-13.00  Radiological features of hydrocephalus due to isolated aqueduct stenosis in children in the first 2 years of life. Qualitative analysis of neuroradiological material of the International Infant Hydrocephalus Study  
K. Papademetriou, S. Sgouros, A. Kulkarni, S. Constantini and the Investigators of the International Infant Hydrocephalus Study (Athens, Toronto, Tel Aviv)

13.00-13.20  International trials and collaborative studies in neuroendoscopy: progress so far and future potential  
S. Constantini (Tel Aviv, Israel)

13.20-13.30  Endoscopic treatment for posthemorrhagic hydrocephalus in premature newborns  
R. Lipina, H. Podesova, L. Novackova (Ostrava, Czech Republic)

13.30-13.40  Removal of ventricular catheters in secondary neuroinfection and infection of the derivative system  
J.F. Ramon (Bogota, Colombia)

C.E. Gagliardi, L.M. Cuello, P.Z. Maggiora (La Plata, Argentina)

13.50-14.00  Endoscopic Third Ventriculostomy in the treatment of hydrocephalus in posterior fossa tumours in children: Our experience  
C. Ruggiero, P. Spennato, F. Aliberti, V. Trischitta, G. Cinalli (Napoli, Italy)

14.00-14.20  “Pioneer in Neuroendoscopy” Awarded to Dr Axel Pernecky  
The “Axel Pernecky Lecture” - Historical trends of neuroendoscopic surgery  
B. Bauer (Hannover, Germany)

14.20-15.00  Lunch

Session 3 - Hydrocephalus  
Chairmen: K.D.M. Resch – A. Kulkarni

15.00-15.20  Controversies in the endoscopic management of various forms of hydrocephalus  
G. Cinalli (Napoli, Italy)

15.20-15.30  The influence of ETV on the width of the third ventricle in different causes for obstructive hydrocephalus  
Y. Mondorf, M.R. Gaab, J. Oertel (Hannover and Mainz, Germany)

15.30-15.40  Is endoscopic aqueductoplasty really an alternative to endoscopic third ventriculostomy in the treatment of hydrocephalus caused by aqueductal stenosis?  
H.W.S. Schroeder, J. Baldauf, J. Oertel, M.R. Gaab, M. Fritsch (Hannover, Mainz and Greifswald, Germany)
15.40-15.50  Report of 360 neuroendoscopic procedures: Results, analysis and discussion  
A. Cordoba (Montevideo Uruguay)

15.50-16.00  The course of the Sella-Media-Index according to Schiersmann after ETV in different causes for obstructive hydrocephalus
Y. Mondorf, M.R. Gaab, J. Oertel (Hannover and Mainz, Germany)

16.00-16.10  Endoscopic Third Ventriculostomy in extraventricular intracisternal obstructive hydrocephalus
Y. Ersahin, T. Turhan (Izmir, Turkey)

16.10-16.20  Thirty years of experience with Endoscopic Third Ventriculostomy
V. Sammons, D. Kadrian, J. van Gelder, D. Florida, R. Jones, M. Coughlan, E. Jacobson, M. Vonau, C. Teo, W. Stening, B. Kwok (Sydney and Canberra, Australia)

16.20-16.30  Neuroendoscopic approach to multilocular hydrocephalus
A-E. Shehab-Eldien, M.S. Abd-Elmoneim (Cairo, Egypt)

16.30-16.40  Third Ventriculostomy in malformation of the Posterior Fossa
Y. Mondorf, M.R. Gaab, J. Oertel (Hannover and Mainz, Germany)

16.40-16.50  Efficacy of Endoscopic Third Ventriculostomy in children with craniosynostosis
F. Di Rocco, E. Juca, R. Ven, E. Arnaud, D. Renier (Paris, France)

16.50-17.00  Graphic results of Endoscopic Third Ventriculostomy in hydrocephalic patients
J. Chrastina, Z. Novak, I. Riha, V. Feitová, K. Ghallab (Brno, Czech Republic)

17.00-17.20  Coffee Break

- Session 4 - Hydrocephalus
Chairmen: M. Roszkowski – F. Di Rocco

17.20-17.30  Complication avoidance during Endoscopic Third Ventriculostomy
L. Bognar, B. Markia, L. Novak (Debreecen, Hungary)

17.30-17.40  Endoscopic Third Ventriculostomy: Analysis of factors associated with failure of the procedure
C.E. Gagliardi, L.M. Cuello, P.Z. Maggiora (La Plata, Argentina)

17.40-17.50  ETV-Registry in Germany: Concept and current status
M.J. Fritsch, H.W.S. Schroeder and The ETV-Registry Group Germany (Greifswald, Germany)

17.50-18.00  Is the distance between mammillary bodies predictive of successful third ventriculostomy?
C. Iaccarino, E. Tedeschi, A. Rapana, M. Quarangetti, A. Bellotti, F. Servadei (Parma, Caserta and Napoli, Italy)

18.00-18.10  Neuropsychological stability after endoscopic third ventriculostomy treatment of longstanding overt ventriculomegaly in adults (LOVA)
M. Al-Jumaily, M.D. Jenkinson, C. Hayhurst, P. Murphy, C. Mallucci (Liverpool, United Kingdom)

18.10-18.20  Morphological study of the variants of the third ventricle applied to endoscopic neurosurgery
C.E. Gagliardi, L.M. Cuello, P.Z. Maggiora (La Plata, Argentina)

18.20-18.30  Analysis of the endoscopic technique in the treatment of hydrocephalus: 14 year experience
G. Fernandez Molina, R. Jaimovich, D. Dosvaldo, J. Bocchiardo (La Plata, Argentina)

18.30-18.40  Neuroendoscopy in multicompartimental hydrocephalus
J.F. Ramon (Bogota, Colombia)

18.40-18.50  Incomplete size reduction but complete clinical recovery, in patients with ETV after years of shunt dependency
Lj. Vujotic, D. Grujicic, D. Radulovic, V. Bascarevic, I. Piscievic (Belgrade, Serbia)

18.50-19.00  Endoscopic interventions in obstructive hydrocephalus
N. Paidakakos, D. Bouramas, E. Antoniou, K. Papachristou, M. Sklavouroun, K. Kouzounias, A. Seretis (Athens, Greece)
## Session 5 - Pituitary Tumours

*Chairmen: M. Gangemi – C. Gagliardi*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>09.00-09.20</td>
<td>Current status and future developments of neuroendoscopical management of pituitary tumours and craniopharyngiomas</td>
<td>F. Cappabianca (Napoli, Italy)</td>
</tr>
<tr>
<td>09.20-09.30</td>
<td>Results of endoscopic endonasal transphenoidal surgery for acromegaly</td>
<td>E.J. van Lindert, J.A. Grotenhuis, M.A.E.M. Vegt-Wagenmakers, R.T. Netea-Maier, A.R.M.M. Hermus (Nijmegen, The Netherlands)</td>
</tr>
<tr>
<td>09.30-09.40</td>
<td>Endoscopic pituitary surgery with the Minop trend system</td>
<td>J.A. Horaczek, A. Joedicke (Berlin, Germany)</td>
</tr>
<tr>
<td>09.40-09.50</td>
<td>Endonasal endoscopic transphenoidal surgery: The patient’s perspective</td>
<td>E.J. Van Lindert, J.A. Grotenhuis (Nijmegen, The Netherlands)</td>
</tr>
<tr>
<td>09.50-10.00</td>
<td>Closure methods for extended endoscopic transphenoidal approaches</td>
<td>K. Koc, I. Anik, S. Ceylan (Kocaeli, Turkey)</td>
</tr>
<tr>
<td>10.00-10.10</td>
<td>Role of endoscopic endonasal surgery for pituitary adenomas</td>
<td>C.E. Deopuji, N. Shah (Mumbai, India)</td>
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<tr>
<td>10.10-10.20</td>
<td>Prospective comparative study on 50 patients between microsurgical sublabial transphenoidal approach and endoscopic endonasal transphenoidal approach</td>
<td>J. Ensenat, M. De Notaris, J. Aparicio, L.M. Cavallo, S. Candela, E. Ferrer (Barcelona, Spain and Napoli, Italy)</td>
</tr>
<tr>
<td>10.20-10.30</td>
<td>Improved resection rate with use of angled optics in endoscopic sellar surgery</td>
<td>J. Oertel, M.R. Gaab (Mainz and Hannover, Germany)</td>
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<tr>
<td>10.30-10.40</td>
<td>Endoscopic pituitary surgery: Preliminary experience at the American University of Beirut</td>
<td>M. Najjar, G. Haddad, U. Hadi (Beirut, Lebanon)</td>
</tr>
<tr>
<td>10.40-10.50</td>
<td>Endoscopic surgery for pituitary adenomas: Analysis of over 100 consecutive cases from a prospective database</td>
<td>S. Tjoumakaris, M. Rosen, J. Evans (Philadelphia, USA)</td>
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<tr>
<td>10.50-11.00</td>
<td>Endoscopic transphenoidal endonasal approach for large pituitary adenoma with extra/parasellar extension</td>
<td>A. Ayyad, C. Charalampaki, A. Perneczky (Mainz, Germany and Graz, Austria)</td>
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<tr>
<td>10.00-11.00</td>
<td>International Infant Hydrocephalus Study (IIHS) Investigators meeting</td>
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<td>11.00-11.20</td>
<td>Coffee Break</td>
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### Session 6 - Pituitary Tumours - Craniopharyngioma

**Chairmen:** S.T. Zymberg – C. Charalampaki

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>11.20-11.40</td>
<td>Current status and future developments of neuroendoscopically assisted neurosurgery</td>
<td>H. Schroeder (Greifswald, Germany)</td>
</tr>
<tr>
<td>11.40-11.50</td>
<td>Image-guided pure endoscopic endonasal binostril approach for resection of giant pituitary adenoma</td>
<td>P. Vacek, V. Hrabe, J. Mracek (Plzen, Czech Republic)</td>
</tr>
<tr>
<td>11.50-12.00</td>
<td>Endoscopic cavernous sinus surgery in pituitary adenomas</td>
<td>G. Frank, E. Pasquini, D. Mazzatenta, M. Zoli (Bologna, Italy)</td>
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<tr>
<td>12.00-12.10</td>
<td>Endonasal endoscopic approach in pituitary adenomas</td>
<td>L. Arbolay Omar, G. Gonzalez Justo (La Habana City, Cuba)</td>
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<tr>
<td>12.10-12.20</td>
<td>Preservation of normal pituitary gland in endoscopic transphenoidal surgery for intrasellar and suprasellar lesions</td>
<td>A. Alias, N. Ariffin, M. Saffari (Kuala Lumpur, Malaysia)</td>
</tr>
<tr>
<td>12.20-12.30</td>
<td>Decision making in skull base surgery - Transnasal or Transcranial</td>
<td>M. Betttag, P. Schaefer, C. Busert (Trier, Germany)</td>
</tr>
<tr>
<td>12.30-12.40</td>
<td>The role of endoscopic endonasal surgery in the treatment of craniopharyngiomas</td>
<td>D. Mazzatenta, E. Pasquini, F. Calbucci, M. Zoli, G. Frank (Bologna, Italy)</td>
</tr>
<tr>
<td>12.40-12.50</td>
<td>Extended endoscopic endonasal approach for craniopharyngiomas</td>
<td>L.M. Cavallo, F. Esposito, D. Solari, O.V. Corriero, O. de Divitiis, P. Cappabianca (Napoli, Italy)</td>
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<tr>
<td>12.50-13.00</td>
<td>Endoscopic assistance in craniopharyngioma surgery</td>
<td>C.E. Deopujiar, N. Shah (Mumbai, India)</td>
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<tr>
<td>13.00-13.10</td>
<td>Neuroendoscopic treatment of cystic craniopharyngiomas</td>
<td>H. Murai, N. Saeki, Y. Hasegawa (Chiba, Japan)</td>
</tr>
<tr>
<td>13.10-13.20</td>
<td>Positioning of intracystic catheter for craniopharyngioma by a single burr-hole endoscopic technique</td>
<td>G. Tamburrini, B.L. Pettorini, L. Massimi, M. Caldarrelli, C. Di Rocco (Rome, Italy)</td>
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<tr>
<td>13.20-13.30</td>
<td>Endoscopy help to understand the physiopathology of the cyst in craniopharyngiomas</td>
<td>M.A. Barajas Romero, H. Velazquez Santana, R. Lopez Elizalde, A. Santana Velazquez, J. Ceballos Ceballos, M. Guadalupe Ramirez Guzman (Guadalajara, Mexico)</td>
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<tr>
<td>13.30-13.40</td>
<td>Endoscopic considerations in the ventricular and supraorbital approaches for craniopharyngiomas (minimally invasive surgery…?)</td>
<td>H. Velazquez-Santana, M.A. Barajas, R. Lopez, A. Santana (Guadalajara, Mexico)</td>
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<tr>
<td>13.40-13.50</td>
<td>Endoscopic repair of sphenoid lateral recess meningoencephaloceles and CSF leaks via a transpterygopalatine fossa approach</td>
<td>R.G. Kerr, Philip V. Theodosopoulos, T.A. Tami (Cincinnati, USA)</td>
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</table>

**14.00-14.20** President’s Lecture  
**Man-to-Machine interface in neuroendoscopy equipment**  
S. Sgouros (Athens, Greece)

**14.20-15.00** Lunch
**Session 7 - Skull Base Tumours**

*Chairmen: C. Deopujari – J.A. Ramirez Ceballos*

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<th>Time</th>
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<th>Authors/Institutions</th>
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<tbody>
<tr>
<td>15.00-15.10</td>
<td>Endoscopic skull base surgery using a novel three-dimensional system</td>
<td>O. Wasserzug, N. Margalit, Z. Ram, D.M. Fliss, Z. Gil (Tel-Aviv, Israel)</td>
</tr>
<tr>
<td>15.10-15.20</td>
<td>Extended endoscopic endonasal removal of cranial base meningiomas</td>
<td>F. Esposito, L.M. Cavallo, I. Esposito, O.V. Corriero, V. Stagno, O. de Divitiis, P. Cappabianca (Napoli, Italy)</td>
</tr>
<tr>
<td>15.20-15.30</td>
<td>Transnasal and transoral approach to midline skull base: Comparison in anatomy between endoscopic and microscopic routes</td>
<td>M. Song, A. Pei, P. Zhao, S-bi Gui, Y.-h. Yan, Y.-z. Zhang (Beijing, China)</td>
</tr>
<tr>
<td>15.30-15.40</td>
<td>Use of vegetable (Ricinus Communis) polymer for skull base reconstruction in extended endoscopic endonasal neurosurgery</td>
<td>R.P. Santos, S.T. Zymberg, F.M.J. Vieira, S. Cavalheiro, H. Feres Jr., F.V. Guimaraes Filho (Sao Paulo, Brazil)</td>
</tr>
<tr>
<td>15.40-15.50</td>
<td>Frameless face-mask based navigation during endoscopic transphenoidal skull base surgery. Technique and results</td>
<td>V.I. Vougioukas, M. Shah (Freiburg, Germany)</td>
</tr>
<tr>
<td>15.50-16.00</td>
<td>Extended endoscopic endonasal transphenoidal approach for skull base lesion: Availability of multilayered reconstruction method</td>
<td>S. Yano, T. Kawano, M. Kudo, J-i. Kuratsu (Kumamoto, Japan)</td>
</tr>
<tr>
<td>16.00-16.10</td>
<td>The endonasal endoscopic transpterygoidal approach: Indications and techniques in endoscopic endonasal surgery</td>
<td>D. Locatelli, F.R. Canevari, M. Vitali, V.M. Custodi, F. Simoncelli, A. Pistochini, P. Castinuovo (Pavia, Italy)</td>
</tr>
<tr>
<td>16.10-16.20</td>
<td>Skull base endoscopic endonasal approaches: Experience of 50 serial cases</td>
<td>A.R. Leite dos Santos, R.M. Fonseca, P.R. Lazarini, J.C.E. Veiga (Sao Paulo, Brazil)</td>
</tr>
<tr>
<td>16.40-16.50</td>
<td>Vascularised pedicled flap of posterior nasoseptal mucoperiosteum and mucoperichordium in endoscopic endonasal surgery for midline skull base lesions: Early experience and short term outcome</td>
<td>A. Alias, N. Ariffin, M. Saffari (Kuala Lumpur, Malaysia)</td>
</tr>
<tr>
<td>16.50-17.00</td>
<td>Extended endoscopic transphenoidal surgery for tuberculum sellae meningiomas</td>
<td>S. Ceylan, K. Koc, I. Anik (Kocaeli, Turkey)</td>
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<tr>
<td>17.00-17.20</td>
<td>Coffee Break</td>
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**Session 8 - Skull Base Tumours**

*Chairmen: P. Zhao - H. Velazquez Santana*

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<th>Time</th>
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<tbody>
<tr>
<td>17.20-17.40</td>
<td>Integrating endoscopy in the technological environment of the modern neurosurgical operating room</td>
<td>D. Hellwig (Hannover, Germany)</td>
</tr>
<tr>
<td>17.40-17.50</td>
<td>Extended endoscopic endonasal approach to skull base</td>
<td>O. Lopez Arbolay, J. Gonzalez Gonzalez (La Habana City, Cuba)</td>
</tr>
</tbody>
</table>
17.50-18.00 Endoscopic transphenoidal surgery of chordoma
Y. Zhang, Z-c. Wang, De-an Zhao, Y. Zhou, Z. Shiyuan, X. Zong, M. Song, Ao Pei, P. Zhao (Beijing, China)

18.00-18.10 Improvement of suction elevator for endoscopic endonasal transphenoidal surgery: Technical note
M. Mase, M. Nishio, M. Tanikawa, K. Yamada (Nagoya, Japan)

18.10-18.20 A new navigation guided expandable brain cannula for neuroendoscopy
V. Waran, N. Vairavan, N.F.A. Bahuri, D.Ganesan, B.J.J. Abdullah (Kuala Lumpur, Malaysia)

18.20-18.30 Pitfalls and rare indications for cranial endoscopy
L.R. Mello, C.I. Bernardes, D. Lara, L.J. Haas, V.H. Boer (Blumenau, Sta. Catarina, Brazil)

18.30-18.40 Application of endoscopes in minimally invasive neurosurgery
C-C. Shen, W-Y. Cheng, S-D. Lee, M-Y Yang (Taipei, Taiwan)

18.40-18.50 Endoscopic Third Ventriculostomy for hydrocephalus complicating brain infections in children
L. Padayachy, A.G. Fieggen, A.A. Figaji (Cape Town, South Africa)

18.50-19.00 Prevention of CSF leakage after Endoscopic Third Ventriculostomy (ETV)
D.A. Karabetsos , N.A. Chochlíthakis, A.F. Vakis (Heraklion, Greece)

21.00-23.00 Gala Dinner
“Zappion Megaron”, Athens

Wednesday 3rd June 2009

Session 9 - Technology and Instrumentation
Chairmen: G. Molina Fernandez – E. Van Lindert

09.00-09.20 Neuroendoscopic instruments and surgical technique
A. Grotenhuis (Nijmegen, The Netherlands)

09.20-09.30 Initial experience with a new multipurpose Ventriculoscope
H.W.S. Schroeder (Greifswald, Germany)

09.30-09.40 Value of High Definition (HD) imaging in Neuroendoscopy
H.W.S. Schroeder, M. Nehlsen (Greifswald, Germany)

09.40-09.50 The impact of 3D Endoscopy on extended transphenoidal surgery – A work in evolution
Z. Ram (Tel Aviv, Israel)

09.50-10.00 Electromagnetic neuronavigation-guided endoscopic biopsies of paediatric brain tumours
M. Roszkowski, S. Barszcz, W. Grajkowska, P. Daszkiewicz, A. Maryniak, E. Jurkiewicz (Warszawa, Poland)

10.00-10.10 Safety in Endo-Neurosurgery: Parameters of ergonomics in Neuroendoscopy
K.D.M. Resch, Ch.B. Lumenta (Muenchen, Germany)

10.10-10.20 A novel design for steerable endoscopic instruments

10.20-10.30 Sonography-assisted Cranial Neuroendoscopy
K.D.M. Resch, Ch.B. Lumenta (Muenchen, Germany)

10.30-10.40 Neoderma: A new model for training in Neuroendoscopy
S.T. Zymberg, M.A.R. Lyra, F.V. Guimaraes-Filho (Sao Paulo, Brazil)
10.40-10.50  Endoscopy guided by sonography  
H. Velazquez-Santana, A. Santana, M.A. Barajas, R. Lopez (Guadalajara, Mexico)

10.50-11.00  Further experience with contact ultrasonic microprobe in adult and paediatric neuroendoscopy  

**Parallel Session**

■ **Session 10 – Spinal Disorders – Parasitic Infections**  
**Chairmen: T. Watabe – A. Vakis**

### Spinal Disorders

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<tbody>
<tr>
<td>09.00-09.20</td>
<td>Neurondoscopy in spinal pathology: experience, latest trends and future developments</td>
<td>A. Cordova (Montevideo, Uruguay)</td>
</tr>
<tr>
<td>09.20-09.30</td>
<td>Evaluation of endoscopic discectomy and/or foraminotomy in lumbar radiculopathy</td>
<td>O.Y. Hammad (Cairo, Egypt)</td>
</tr>
<tr>
<td>09.30-09.40</td>
<td>Endoscopic lumbar spine surgery with a new device</td>
<td>J.M.K. Oertel, M.R. Gaab (Mainz and Hannover, Germany)</td>
</tr>
<tr>
<td>09.40-09.50</td>
<td>Endoscopic transnasal odontoideotomy – A minimally invasive approach to decompression</td>
<td>Y-S. Yen, J-C. Wu, C-I. Ho, M-L. Liang, Y-H. Shih, T-T. Wong (Taipei, Taiwan)</td>
</tr>
<tr>
<td>09.50-10.00</td>
<td>Endoscopic assisted far lateral approach to craniovertebral junction</td>
<td>C. Martins, A.C. Capel, L.F. Alencastro, A. Campero, A. Yasuda, J. Souza, C. Vidal, C.S. Leao, L.C. Alencastro, A.L. Rhoto Jr. (Recife, Brazil; Porto Alegre, Brazil; Florida, USA)</td>
</tr>
<tr>
<td>10.00-10.10</td>
<td>Endoscopic C2 odontoid screw fixation with assistance of self-made bevel-shaped syringe tube</td>
<td>S. Chen, B. Teo, T. Wu (Chiayi County, Taiwan)</td>
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### Parasitic Infections

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<th>Time</th>
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<tr>
<td>10.20-10.30</td>
<td>Endoscopic treatment of brain cysticercosis</td>
<td>J.A. Ramirez-Ceballos, R.M. Marquez-Castillo (Oaxaca, Mexico)</td>
</tr>
<tr>
<td>10.30-10.40</td>
<td>Endoscopy supra and infratentorial in venricular cysticercosis</td>
<td>H. Velazquez-Santana, M.A. Barajas (Guadalajara, Mexico)</td>
</tr>
<tr>
<td>10.40-10.50</td>
<td>The role of endoscopy in the treatment of subarachnoid cysticercosis</td>
<td>H. Velazquez-Santana, M.A. Barajas, A. Santana, R. Lopez (Guadalajara, Mexico)</td>
</tr>
<tr>
<td>10.50-11.00</td>
<td>The role of the endoscopy in persistent ventricular neuroinfection</td>
<td>H. Velazquez-Santana, M.A. Barajas (Guadalajara, Mexico)</td>
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11.00-11.20  Coffee Break

■ **Session 11 - Arachnoid cysts**  
**Chairmen: L. Vujotic – M. Mandera**

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<tr>
<th>Time</th>
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<tr>
<td>11.20-11.40</td>
<td>Use of neuroendoscopy in the management of middle fossa arachnoid cysts</td>
<td>C. Di Rocco (Rome, Italy)</td>
</tr>
<tr>
<td>11.40-12.00</td>
<td>Neuroendoscopic management of suprasellar arachnoid cysts</td>
<td>M. Ozek (Istanbul, Turkey)</td>
</tr>
</tbody>
</table>
12.00-12.10 Double restore technique in suprasellar cysts: Cysto-ventriculo-cisternostomy followed by shrinkage coagulation
V. Etus, S. Ceylan (Kocaeli, Turkey)

12.10-12.20 The role of ventriculo-cysto-cisternostomy as the sole treatment modality in suprasellar arachnoid cysts
N. Gazioglu, A. Kafadar, H. Biceroglu, B. Abuzayed, M.Y. Kaynar (Istanbul, Turkey)

12.20-12.30 Posterior fossa arachnoid cysts: endoscopic treatment in five cases
U. Godano, C. Mascari, V. Meleddu, L. Aste (Cagliari, Italy)

12.30-12.40 The endoscopic management of intracranial cystic lesions
T. Inagaki, K. Kawamoto (Moriguchi and Hirakata, Japan)

12.40-12.50 Neuroendoscopic treatment of intracranial cysts
L. Novak, B. Markia, L. Bognar (Debrece, Hungary)

12.50-13.00 Endoscopic treatment of posterior fossa arachnoid cysts in paediatric age. A series of 6 cases
P. Peretta , P.P. Gaglini., P. Ragazzi (Torino, Italy)

13.00-13.10 Neuroendoscopic treatment of middle fossa arachnoid cysts
G. Fernandez Molina, R. Jaimovich, R. Aldinio (Buenos Aires, Argentina)

13.10-13.20 Endoscopic treatment of intracranial arachnoid and ventricular cysts in a paediatric series
C. Faria, J. Miguens (Lisbon, Portugal)

13.20-13.40 Endoscopic fenestration as treatment of choice for middle fossa arachnoid cysts. A series of forty patients
B. Spacca, J. Kandasamy, F. Giordano, L. Genitori, C.L. Mallucci (Firenze, Italy; Liverpool, United Kingdom)

13.40-13.50 The neuroendoscopic treatment of cysts in the lateral ventricle
P. Zhao, X. Zong, X. Wang, S. Gui, F. Liu, Y. Zhang (Beijing, China)

13.50-14.00 Neuroendoscopic surgery of intracranial arachnoid cysts
Z. Novak, J. Chrastina, V. Feitova, I. Riha (Brno, Czech Republic)

Parallel Session

■ Session 12 – Colloid Cysts – Pineal Tumours
Chairmen: L. Bognar – C. Tsonidis

Colloid Cysts

11.20-11.40 Neuroendoscopic management of colloid cysts
P. Decq (Paris, France)

11.40-11.50 Endoscopic trans-ventricular trans-choroidal approach for colloid cyst resection
V. Meleddu, U. Godano, C. Mascari, M. Bellinzona (Cagliari, Italy)

11.50-12.00 Neuroendoscopic removal of colloid cysts. Tap and Pullout Technique
E. Ferrer, J. Poblete, J. Gonzalez, L. Caral (Barcelona, Spain)

12.00-12.10 Endoscopic treatment of colloid cysts
C. Mascari, U. Godano, M.Le Fosse, V. Meleddu (Bologna and Cagliari, Italy)

12.10-12.20 Supraorbital endoscopic resection of colloid cyst
A. Delitala, A. Brunori, V. Mingione, A. Menniti, N. Russo (Rome, Italy)

12.20-12.30 Microneurosurgery for colloid cyst excision
I. Sbeih (Amman, Jordan)

12.30-12.40 Endoscopic removal of colloid cysts of the 3rd ventricle
D. Bouramas, A. Mitropoulos, N. Paidakakos, P. Sioutos, N. Gekas, F. Sotiriou, A. Seretis (Athens, Greece)
Pineal Tumours

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<tr>
<td>12.40-13.00</td>
<td>Neuroendoscopic techniques in the management of pineal tumours</td>
<td>Tai-Tong Wong (Taipei, Taiwan)</td>
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<tr>
<td>13.00-13.10</td>
<td>Endoscopic surgery for pineal region tumours</td>
<td>M. Gangemi, V. Seneca (Napoli, Italy)</td>
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<tr>
<td>13.10-13.20</td>
<td>Endoscopic treatment for pineal and mesencephalic region tumours: Review of 17 cases</td>
<td>F. Nigri, C. Telles (Rio de Janeiro, Brazil)</td>
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<tr>
<td>13.20-13.30</td>
<td>Neuroendoscopy in paediatric pineal region tumours: Towards reducing shunting and open biopsy</td>
<td>D. Kombogiorgas, G. Solanki, R. Bhangoo, M. English, S. Sgouros, A. Kay, R. Walsh (Birmingham, United Kingdom)</td>
</tr>
<tr>
<td>13.30-13.40</td>
<td>Ventriculoscope tract recurrence after endoscopic biopsy of pineal germ cell tumors</td>
<td>S. Cavalheiro, N. Saba, A. Cappellano, A. Chassot (Sao Paulo, Brazil)</td>
</tr>
<tr>
<td>13.50-14.00</td>
<td>Indications and limits of neuroendoscopy in the management of tumoral pathology in paediatric patients</td>
<td>P. Ragazzi, P. Peretta, P.P. Gaglini (Turin, Italy)</td>
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14.00-15.00 Lunch

■ Session 13 - Ventricular Tumours
Chairmen: A. Melikian – N. Foroglou

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<tr>
<td>15.00-15.20</td>
<td>Endoscopic management of hypothalamic hamartomas</td>
<td>H. Rekate (Phoenix, USA)</td>
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<tr>
<td>15.20-15.40</td>
<td>Neuroendoscopic management of ventricular tumours in children</td>
<td>M. Souweidane (New York, USA)</td>
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<tr>
<td>15.40-15.50</td>
<td>Ventricular cystic tumours: Neuroendoscopic treatment</td>
<td>P.A. Oppido, C.M. Carapella, F. Cattani, E. Morace (Rome, Italy)</td>
</tr>
<tr>
<td>15.50-16.00</td>
<td>Role of endoscopy in paediatric intraventricular tumours</td>
<td>C.E. Deopujari, N. Gupta, A. Kumar (Mumbai, India)</td>
</tr>
<tr>
<td>16.00-16.10</td>
<td>Endoscopic options in intra- and paraventricular low grade gliomas</td>
<td>J. Oertel, M.R. Gaab (Mainz and Hannover, Germany)</td>
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<tr>
<td>16.10-16.20</td>
<td>Endoscopic approach of lesions in the Thalamo-Mesencephalic region</td>
<td>H. Velazquez-Santana, M.A. Barajas (Guadalajara, Mexico)</td>
</tr>
<tr>
<td>16.20-16.30</td>
<td>Endoscopic management of intra-ventricular tumours</td>
<td>M. Najjar, N. Azzam, T. Baghdadi, A. Turkmani, G. Skaf (Beirut, Lebanon and Jeddah, Saudi Arabia)</td>
</tr>
<tr>
<td>16.30-16.40</td>
<td>Overview on neuroendoscopic biopsy in ventricular tumours</td>
<td>P.A. Oppido, F. Cattani, I. Cordone, E. Morace (Rome, Italy)</td>
</tr>
</tbody>
</table>
Parallel Session

**Session 14 - Posters flash presentation**
*Chairmen: G. Tamburrini – D. Bouramas – M. Miyajima*

1. **Low grade glioma imitating a pineal cyst**
   Y. Mondorf, M.R. Gaab, J. Oertel (Hannover and Mainz, Germany)

2. **Endoscope-assisted decompression of the foramen magnum to treat Chiari I malformation**
   S-B. Gui, X-S. Wang, P. Zhao, X-Y. Zong, S. Kang, Y-J. Zhang (Beijing, China)

3. **Technique and results of endoscopic endonasal surgery for pituitary adenomas**
   P. Kalinin, D. Fomichev, B. Kadashev, M. Kutin, R. Faizullaev, S. Alekseev (Moscow, Russia)

4. **Escape from shunt system placed more than 20 years**
   T. Akai, S. Shiraga, K. Okamoto, H. Iizuka (Ishikawa, Japan)

5. **Management of brain metastasis with complete endoscopic approach: 3 case reports**
   W-C. Hong, Y-D. Zeng, K-C. Chen, Y-S. Chen, L-T. Guo, S-J. Huang (Taipei, Taiwan)

6. **Endoscopic treatment for multifactorial hydrocephalus**
   O. Garcia-Gonzalez, A. Marhx-Bracho, J.L. Perez-Gomez (Mexico, Mexico)

7. **Treatment of suprasellar arachnoid cyst with endoscopic ventriculo-cisternostomy. An outcome analysis**
   J.A.J. Velez (City San Juan de los Morros, Venezuela)

8. **Chordoid glioma of the third ventricle. Case report**
   C.E. Gagliardi, L. M. Cuello, P.Z. Maggiora, S. Cozzi, F. Torchiari, V. Herrera Ducloux, M. Bolla, M. Maldonado,
   C. Bustos (La Plata, Argentina)

9. **Endoscopic drainage for chronic subdural haematoma associated with arachnoid cyst**
   Y. Ueda, T. Kawano, S. Yano, J-I. Kuratsu (Kumamoto, Japan)

10. **Neuroendoscopic partial resection of pineal teratoma using videoscope: A case report and review of the literature**
    M. Kudo, S. Yano, T. Kawano, T. Hide, H. Nakamura, J-I. Kuratsu (Kumamoto, Japan)

11. **Oculomotor nerve: Microanatomic and MRI relationship with the floor of the third ventricle**
    E. Buelems, F. Van Calenbergh, J. van Loon, G. Wilms (Leuven, Belgium)

12. **Endoscopic transphenoidal repair of unusual cerebrospinal fluid leakage; Report of two cases**
    Y. Hayashi, M. Iwato, K. Miyashita, Y. Hayashi, J-I. Hamada (Kanazawa, Japan)

13. **Clinical and neuronavigational assessment of the single burr hole approach for ETV and posterior third ventricle surgery using rigid endoscopes**
    A. Bussarsky, V. Bussarsky, M. Marinov, K. Romansky (Sofia, Bulgaria)

14. **Videoscope-controlled resection of posterior fossa epi-dermoid cyst**
    T. Kawano, S. Yano, K. Makino, J. Kuratsu (Kumamoto, Japan)

15. **Endoscope-assisted microsurgical removal of a mesencephalic cysticercal cyst**
    A.R. Leite dos Santos, L.P. Vasconcellos, A.B. Todeschini, C.L. Lancellotti, J.C.E. Veiga (Sao Paulo, Brazil)

16. **Cystic transformation of the cavum septum pellucidum**
    N. Gazioglu, A. Kafadar, H. Biceroglu, B. Abuzyayed (Istanbul, Turkey)

17. **Endoscopic endonasal transphenoidal surgery for pituitary adenomas: Experience with 78 patients**
    L. Tataraunu, V. Ciubotaru, S. Craciunas, A. Dricu, A. Dediu, D. Paunescu (Bucharest and Craiova, Romania)

18. **Endoscopic treatment of cervical disc herniations**
    G. Fernandez Molina, R. Feito, P. Maggiora, S. Pombo (Buenos Aires and La Plata, Argentina)

19. **Problems of the third ventriculostomy with regards to the anatomical alterations of the third ventricular floor**
    G. Fernandez Molina, R. Jaimovich (Buenos Aires and La Plata, Argentina)
20. Endonasal endoscopic approach to sellar tuberculoma
   A. Sinagra, M. Perez, G. Fernandez Molina (Buenos Aires and La Plata, Argentina)

21. Epiduroscopy: Therapeutic alternative in refractory lumbar pain
   M. Perez, A. Sinagra, G. Fernandez Molina (Buenos Aires and La Plata, Argentina)

22. Walter Edward Dandy- the father of neuroendoscopy
   N. Syrmos, C. Syrmos (Thessaloniki, Greece)

23. Long term follow-up more than five years of patients with hydrocephalus after Endoscopic Third Ventrilostomy
   M. Miyajima, H. Arai (Tokyo, Japan)

24. Endoscopic total removal of colloid cyst of the third ventricle
   V.M. Custodi, M. Vitali, E. Beretta, D. Locatelli (Pavia, Italy)

25. Retropleural thoracotomy with videendoscopic assistance in the management of thoracic disc herniations
   P. Krotenkov, A. Kiselev (Moscow, Russia)

   M. Bianco, D. Catapano, V.A. D’Angelo (San Giovanni Rotondo, Italy)

27. Monitoring intracranial pressure in the resection of intraventricular lesions by endoscopy
   R.M. Marquez-Castillo, J.A. Ramirez-Ceballos (Oaxaca, Mexico)

28. Triventricular hydrocephalus due to a neuroepithelial cyst
   M. Barbarisi, P. Spennato, C. Ruggiero, E. Cianciulli, G. Cinnalli (Napoli, Italy)

29. Endoscopic fenestration of hemispherectomy cavity
   P. Spennato, C. Ruggiero, F. Aliberti, V. Trischitta, G. Cinnalli (Napoli, Italy)

30. Multifocal leptomeningeal and pineal melanocytic lesion: Endoscopic Third Ventrilostomy and biopsy
   R. Chahine, E. Zunarelli, G. Cinnalli, Ph. Decq, M. Cobelli, G. Pinna (Modena, Italy; Napoli, Italy; Crêteil, France)

31. Frontoethmoidal osteoma causing tension pneumocephalus: an endoscopic endonasal approach
   A.R. Leite dos Santos, P.R. Lazarini, R.M. Fonseca, J.C.E. Veiga (Sao Paulo, Brazil)

32. Intracranial migration of bone dust after intraventricular neuroendoscopy complicating acute hydrocephalus and removal of bone dust
   A. Kafadar, N. Gazioglu, B. Abuzayed, H. Biceroglu, E. Cetin, N. Ciplak (Istanbul, Turkey)

33. Endoscopic management of an anterior skull base defect
   P. Maragoudakis, L. Prezas, K. Proikas, D. Asimakopoulos, A. Tzagaroulakis (Athens, Greece)

34. Introduction of neuroendoscopic techniques in paediatric neurosurgery in Greece
   S. Sgouros, P. Matsota, G. Kostopanagiotou, D. Sakas (Athens, Greece)

35. Endoscopic removal of ventricular catheter from the lateral ventricle: a case report
   D. Bouramas, P. Sioutos, E. Antoniou, N. Paidakakos, A. Seretis (Athens, Greece)

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17.00-17.20 Coffee Break

■ Session 15 – Vascular Disorders - Tumours

Chairmen: T. Inagaki – R.G. Kerr

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17.20-17.40 Neuroendoscopic management of parenchymal lesions
   L.C. de Alencastro (Porto Alegre, Brazil)

17.40-17.50 Tranventricular endoscopic removal of thalamic haemorrhage
   T. Watabe, D. Oguri, Y. Kato, H. Sano (Toyoake, Japan)

17.50-18.00 The impact of neuroendoscopic aspiration of intraventricular haemorrhages on shunt-dependency
   A. Fiorindi, L. Basaldella, D. D’Avella, P. Longatti (Treviso, Italy)
18.00-18.10 Draining parenchymatous haematomas using a rigid endoscope through a 1.5 mm craniectomy
J.A. Ramirez-Ceballos, R.M. Marquez-Castillo (Oaxaca, Mexico)

18.10-18.20 Endoscopic treatment of hypertensive cerebellar infarction
L.C. Alencastro, L.F. Alencastro, A. Lodetti, C. Martins, M. Faria (Porto Alegre and Recife, Brazil)

18.20-18.30 Endoscopic evacuation of intraventricular haemorrhage
A. Delitala, A. Brunori, A. Menniti, N. Russo, V. Mingione (Rome, Italia)

18.30-18.40 Endoscopic treatment of recurrent chronic subdural haematomas
J.A. Ramirez-Ceballos, R.M. Marquez-Castillo (Oaxaca, Mexico)

18.40-18.50 Endoscopic biopsy and resection of intraparenchymal brain lesions
L.C. Alencastro, L.F. Alencastro, A. Lodetti, C. Martins, M. Faria (Porto Alegre and Recife, Brazil)

18.50-19.00 The adjuvant role of neuroendoscopy in the management of brain tumours
L. Massimi, G. Tamburini, B. Pettorini, M. Caldarelli, C. Di Rocco (Rome, Italy)

Parallel Session

■ Session 16 - Video Workshop
Chairman: C. Mallucci

End of Meeting
CONSTITUTION AND BY-LAWS OF
"THE INTERNATIONAL FEDERATION OF NEUROENDOSCOPY"

Approved by the Executive Board Meeting of the Federation
on March 3, 2007 held in Hannover

Article I – Name and Insignia
This Federation will be known as “THE INTERNATIONAL FEDERATION OF NEUROENDOSCOPY” and will be
referred to by the acronym IFNE. The Federation will use the above shown logo in all its official communications. The
logo and/or the name of the Federation may be changed only after a two-thirds majority of the Executive Board. The
Federation will hold a permanent office at The International Neurosurgical Institute in Hannover, Germany.

Article II – Objectives
The objective of this Federation shall be to contribute to the advancement of neuroendoscopy by serving:
(a) as an association of societies and/or individuals interested in the field of neuroendoscopy, locally, nationally, and
internationally.
(b) as a forum for effective communication among neurosurgeons actively practicing neuroendoscopic and
minimally invasive neurosurgical operations and with basic scientists, engineers and other specialists in related
fields.
(c) as a medium for development and promotion of scientific knowledge, surgical technique and instrumentation
within the area of neuroendoscopy.
(d) as a parent organization to the International Study Group of Neuroendoscopy [ISGNE], which will continue to
exist and function as a Committee of the Federation, with main aim to promote worldwide collaborative research
in the field of neuroendoscopy.
(e) as a workshop to promote active co-operation among its members, education, teaching and training to
neuroendoscopic surgeons world-wide.
(f) as a body to promote high standards of training in the speciality at an international level for present or
prospective neuroendoscopic surgeons and develop guidelines and indications for neuroendoscopic procedures.

Such purpose shall be served by meetings, publications, committee activities, and any other action which may be
deemed appropriate.

Article III - Membership of the Federation
Section I - The classes of membership
(A) Active Members (neurosurgeons practicing neuroendoscopy)
(B) Associate Members (individuals from the technological field, nurses and doctors non-neurosurgeons interested
in neuroendoscopy)
(C) Affiliated Societies Members (Societies affiliated to IFNE.)
(D) Honorary Members.
Section 2 – Active Members
Active Members will be neurosurgeons actively engaged through their clinical practice in neuroendoscopy. The Active Membership will be registered by the Chairperson of the Membership Committee automatically with their registration to attend the World Congress of Neuroendoscopy. Applicants for Active Membership are strongly encouraged to present a scientific paper at one of the Congresses of the Federation, unless they have already gained wide recognition in the field of neuroendoscopy. A symbolic membership fee, which includes the Congree Program and subscription of the official journal, will be collected at the time of registration of World Congress of Neuroendoscopy. The size of the fee will be dictated by the Executive Board.

Section 3 – Associate Members
Associate Members can be nurses, individuals from the technological field or non-neurosurgeons doctors who have an interest and a direct or indirect commitment to neuroendoscopy. Application for Associate Membership can be addressed to the Chairman of the Membership Committee, and shall be accompanied by a curriculum vitae and letters of recommendation from two Active Members (at least one of whom is from a different institution) of the Federation. Associate Members shall not be required to attend the meeting of the World Congress of Neuroendoscopy. A reduced membership fee will be incorporated in the Congress registration fee. The size of the fee will be dictated by the Executive Board.

Section 4 – Affiliated Societies Members
Affiliated Members of the Federation can be Societies, which are active in fields allied to neuroendoscopy. The Members of Affiliated Societies have an honorary affiliated membership status, but have no right to sit in the Executive Board, without specific invitation. Societies can become affiliated to the Federation after declaring their interest in writing to the President or Secretary of the Federation, or by invitation from the President of the Federation, and following two-thirds Executive Board majority. Affiliated Societies may be requested to send a representative member to Executive Board meetings in extraordinary circumstances, at the invitation of the President of the Federation. Affiliated Members, either Societies or physical persons, will not be requested to pay membership fee.

Section 5 – Honorary Members
A person who has made an outstanding contribution to the field of Neuroendoscopy or this Federation may be elected as an Honorary Member, upon unanimous vote by the Executive Board. Honorary members shall be able to participate in the activities of the Society and be members of Standing or Special Committees but they shall not pay dues, or vote.

Section 6 – Termination of membership
Membership shall be terminated by resignation, removal from the list, expulsion, change of professional standing, or lack of participation in the Congress for 4 years in continuity.

a) Any member wishing to resign from the Federation should submit his resignation in writing to the Secretary, who shall present it to the Executive Board at the next meeting.

b) A member may be censured, suspended, or expelled from the Federation if he is stripped of either his professional license or academic degree, if he is proven to have caused damage to the Federation by conscious acts or if there is conclusive evidence that he has acted in a manner derogatory to the reputation of the Federation or any of its members. A motion for censure, suspension or expulsion must be presented to the Executive Board by at least two members and confirmed by a two-thirds majority of the members of the Executive Board present.

c) An active member who does not participate in the activities of the Federation for two consecutive Congresses may be removed from the membership list. Termination of membership in such a case shall be confirmed at the Congress Meeting upon recommendation of the Executive Board.

Article IV - Executive Board
Section 1 – The control of this Federation shall be vested in the Executive Board, which shall manage the affairs of the Federation and perform its duties in conformity with the provisions of these By-Laws, its rules and regulations.

Section 2 – The Executive Board of the Federation shall consist of the IFNE President, the President Elect (or Vice President), the President of the Congress Meeting, the Past President, the Secretary, the Treasurer, the Historian, the Chairman of the Liaison, ISGNE, Scientific, Guidelines, Audit, Education, Regional and continental
Registration. Committees and the members of the Board of Regional Representatives. All the above members, with the exception of the Historian, have voting right.

Section 3 – The word “term” in the following sections refers to the interval between the ends of two successive Congress Meetings.

Section 4 – The President shall hold office for two terms and can be re-elected only for two more terms. The role of the President is to provide leadership and direction to the Federation. He/She will preside over all Executive Board meetings. In case of inability to be physically present in the Executive Board meetings (e.g. due to illness or other grave reason beyond his/her control), he will be represented by the Past President, the President Elect or the Secretary in this order. The President Elect shall also be elected for one term and will be the President for the succeeding two terms. The Past President will retain the title for one term.

Section 5 – The Chairman of the Congress Meeting shall hold office for one term and cannot be re-elected for the same office. He/She will be responsible for the organization and scientific program of the World Congress of Neuroendoscopy. In the first Executive Board meeting after the World Congress which he/she chaired he/she is obliged to present to the Executive Board a report on all organizational, financial and scientific matters related to the meeting.

Section 6 – The Secretary shall hold office for two terms and can be re-elected. His/her role will be to coordinate the activities of the Society and oversee the smooth running of all the Committees. He/She should consult the President and report to him on all matters. He/She will be responsible for preparing the agenda for the Executive Board meetings and the minutes deriving from such meetings. He/She is responsible for presenting the minutes to any membership business meetings.

Section 7 – The Treasurer shall be elected for two terms and can be re-elected. His/her role is to handle all the financial matters of the Federation. He/She should consult the President and Secretary on all matters, prepare biannual financial report for the scrutiny by the Audit Committee and present this report to the Executive Board meeting.

Section 8 – The Historian shall be elected for two terms and can be re-elected. His/her role is to act as a curator of the history of the Federation and neuroendoscopy in general. He is a non-voting member of the Board.

Section 9 – Six additional Executive Board Members shall be Chairmen of the Liaison, Education, Scientific, ISGNE, Audit and Guidelines Committees, respectively. They will hold office for one term and may be re-elected. The roles of these committees are defined in detail in Article VI.

Section 10 – Four additional Executive Board Members shall be free standing members of the Federation who will constitute the Board of Regional Representatives, who will advise the President on matters of interest to the function of the Federation. They will serve for two terms and can be re-elected. They will have no voting right.

Section 11 – The Executive Board of the Federation reserves the right to invite a representative of any Affiliated Society to sit in its meetings and have voting right. Such an invitation should be initiated by the President of the Federation and be agreed by a two-thirds majority vote in the Executive Board Meeting.

Article V -Meetings

Section 1 – The regular biannual meetings of the Federation will be entitled “World Congress of Neuroendoscopy” and follow an incremental numerical prefix, starting from the Fifth World Congress in 2009, following on from the first four ISGNE meetings. The Congresses shall be held at a time and place proposed by the Executive Board at least 2 but no more than 4 years in advance of the proposed meeting. It shall be the charge of the Executive Board to arrange a meeting biannually.

Section 2 – The Congress of the Federation will be held whenever possible and practical in association with the Congress of the World Federation of Neurosurgical Societies or other related meetings. In the intervening years, the meetings shall take place in rotation in various countries, by invitation of the active members of the Federation. Such invitations shall be made for at least two years before the proposed Meeting. Expressions of interest from members of the Federation to organize a Congress should be submitted in writing to the Secretary of the Federation prior to the Executive Board at least two years before the proposed Meeting.

Section 3 – Every regular Biannual Congress of the Federation shall include, in the following order three successive sessions:

a) A meeting of the Executive Board presided by the President of the Federation. All decisions during this meeting will be taken with two-thirds majority vote of the present members.

b) A Scientific Meeting, presided by the Chairperson of the Congress Meeting.
c) A Business Meeting presided by the President of the Federation and attended by the Individual Active Members. During this meeting the Secretary of the Federation should present the minutes of the previous Executive Board Meeting and the decisions of the Executive Board. The individual Committee Chairpersons should present their reports. All decision taken by the Executive Board should be approved by a two-thirds majority vote of the present Individual active Members.

Section 4 – Special Executive Board Meetings, additional to the Biannual Executive Board Meetings, may be called by the President in exceptional circumstances as he/she deems appropriate.

Section 5 – The membership present at the Business Meeting of the Federation shall constitute a quorum for business. At the meetings of the Executive Board, the Board members shall constitute a quorum for business.

Article VI - Committees

Section 1 – The Nomination Committee shall consist of the present President and all past Presidents. It shall be the duty of this Committee to prepare nominations for accession to the Executive Board, and make recommendations to the Executive Board for approval. All nominations must be approved by a two-thirds majority of the members of the Executive Board present.

Section 2 – The By-Laws Committee shall consist of the present President and all past Presidents. It shall be the duty of this Committee to review the Constitution and By-Laws, to seek proper advice when indicated, and make recommendations to the Executive Board for changes.

Section 3 – The Membership Committee shall consist of the Secretary and two other active members appointed by the Executive Board. It shall be responsible for considering nominations for membership. It will study every particular case in accordance with Articles II and III of this Constitution and shall make recommendation for further action to the Executive Board. Nominations for membership shall be accepted by a two-thirds majority vote of the Executive Board and approved by the Membership Business Meeting.

Section 4 – The Scientific Program Committee shall consist of the elected Chairperson of the forthcoming Congress meeting with the addition of three other members of the Federation approved by the Executive Board. The Scientific Program Committee shall be responsible for preparing the program of the meeting as indicated in Article V and shall work in close agreement and co-operation with the Program Committee of the World Federation of Neurosurgical Societies or any other related meetings whenever this is appropriate. The Scientific Program Committee will allow generous time for closed, semi-closed or open discussion in the scientific program, shall decide the latest date for submission of manuscripts.

Section 5 – The Liaison Committee shall consist of the elected Chairperson and three other active members. It shall be the duty of the Liaison Committee to study areas of common interest and also the Committee shall make recommendations for activities to be considered by the Executive Board.

Section 6 – The Education Committee shall consist of the elected Chairperson and three other active members, subject to approval by the Executive Board. The Education Committee shall be responsible for gathering information, conducting personal or co-operative studies or surveys, and for organizing any special meeting, or course in accordance with the stated aims of the Federation.

Section 7 – The ISGNE Committee. The International Study Group in Neuroendoscopy will continue to exist and function as a Committee of the Federation, with the remit to organize, promote and oversee international cooperative studies, of scientific interest relevant to neuroendoscopy. The Chairperson reserves the right to invite as many individuals as he/she deems appropriate to collaborate in any given study, subject to approval of the Executive Board. The ISGNE Committee reserves the right to canvass opinions and advice from any individuals or Societies with respect to issues of scientific or clinical interest in order to fulfill its role in promoting collaborative research in neuroendoscopy. Any prospective study, in order to be sanctioned by the Federation, needs to be presented by the Chairperson of the ISGNE Committee and approved by the Executive Board by a two-thirds majority.

Section 8 – The Audit Committee shall be composed of its Chairperson and shall have the duty of auditing the Treasurer’s accounts at the close of the calendar year in which that regular meeting was held. The appointed Chairperson shall then report to the next Bi-annual Membership Business Meeting.

Section 9 – The Guidelines Committee shall be composed of its Chairperson and up to three other members he/she may deem appropriate, subject to approval by the Executive Board. Its role is to prepare guidelines for the common neuroendoscopic procedures that are currently performed world wide, and prepare service organizational issues.
Section 10 – Other Sub-Committees, standing or special, shall be appointed by the President of the Society of the Executive Board from time to time, as deemed necessary to carry out the work of the Federation. The President shall be an ex-officio member of all the sub-committees.

Article VII - Amendment of By-Laws
These By-Laws may be amended at any regular meeting of the Congress by a two-thirds majority vote, provided that the amendments have been submitted in writing at the previous regular meeting. Minor amendments and additions to this Constitution, which do not contradict or alter the sense of the present document may be made at any meeting of the Executive Board on the affirmative vote of two-thirds of the members present.

Article VIII - Rules and Regulations
Section 1 – The order of procedures of the Executive Board Business Meeting of the Society (Article V, Section 3a) shall be as follows:
1) The call to order
2) The reading of the minutes
3) Unfinished business
4) Reports of the Officers and Committee Chairpersons
5) Election of new members
6) Election of Officers and Committee Chairpersons
7) Appointment of Committees
8) New Business
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