

Chairman:

C. Di Rocco
Institute of Neurosurgery
Catholic University Medical School
Largo A. Gemelli, 8
00168 Rome (Italy)
cdirocco@rm.unicatt.it

Scientific Secretariat:

M. Caldarelli
L. Massimi
G. Tamburrini
M. Visocchi

Organizing Secretariat:



Congressi

Via Nizza, 45 – 00198 Roma, Italy
Tel. +39 06 8535 5590 – Fax +39 06 8535 6060
E-mail: cpn2013@ptsroma.it – manuela.morandini@ptsroma.it

Congress Venue:

Centro Congressi
Palazzo Rospigliosi (Palazzo Pallavicini)
Via XXIV Maggio, 43
00187 Rome (Italy)

Preliminary Faculty:

- A. Cama (Genoa, Italy)
- M. Choux (Marseille, France)
- M. Messing-Jünger (Bonn, Germany)
- M. Ozek (Istanbul, Turkey)
- W.C. Peul (Leiden, NL)
- P. Rabischong (Montpellier, France)
- C. Raybaud (Toronto, Canada)
- H. Rekate (New York, USA)
- A. Rossi (Genoa, Italy)
- C. Sainte-Rose (Paris, France)
- A. Samii (Hannover, Germany)
- S. Sgouros (Athens, Greece)
- D. Thompson (London, UK)
- T.T. Wong (Taipei, Taiwan)
- M. Zerah (Paris, France)

General Information

Dates

Thursday 10th and Friday 11th

Official Language

The official language of the conference is English. No simultaneous translation will be provided

Climate

January is cold with temperature varying between 8° and 2°C during the day and 5° and 0°C at night

Currency

All rates are expressed in €

Certificate of attendance

A certificate will be delivered to every participant. Please apply at the Secretariat Desk

Secretariat

The Secretariat will be open at the following times :

Thu, Jan 10th 08:00 – 18:00

Fri, Jan 11th 08:45 – 18:00

Name Badge

All delegates will be issued with a name badge upon registration at the Conference. This badge will be the official pass to sessions, coffee breaks, luncheons and welcome reception. Delegates are kindly required to wear it at all times. In the case of a lost badge, please contact the registration desk for a replacement

Get Together Reception

It will take place on Thursday 10th at 18:00 at Palazzo Rospigliosi (conference site)

Coffee Breaks and Lunches

Complimentary coffees and lunches are included in the registration fee and will be provided at the Conference site

Smoking Policy

We care about you ! Therefore the Conference Committee thanks all participants for refraining from smoking

Mobile Phones

On behalf of the Conference Committee we highly recommend to switch off your mobile phone before entering the Session Room

Registration Fee

CPN Standard Participant	€ 250,00 + 21% VAT = € 302,50
CPN Trainee	€ 200,00 + 21% VAT = € 242,00
CPN + Refreshing Course Standard	€ 430,00 + 21% VAT = € 520,30
CPN + Refreshing Course Trainee	€ 350,00 + 21% VAT = € 423,50



PROGRAM

January 10th – 11th, 2013

**CRUISING AROUND
THE FORAMEN MAGNUN**



08:00 - 09:00 Registration

09:00 – 13:15 *Chiari I malformation*

09:00-10:30 *Invited lectures*

Chairpersons: *C. Di Rocco (Rome, Italy), C. Sainte-Rose (Paris, France)*

09:00 – 09:40 Integrated radiological and surgical assessment of crano-cervical junction anomalies
(A. Cama/A. Rossi, Genoa, Italy)

09:40 - 09:50 Morphometry of posterior cranial fossa in Chiari I malformation
(G. Solanki, Birmingham, UK)

09:50 – 10:00 Natural history of asymptomatic patients
(F. Novegno, Rome, Italy)

10:00 – 10:20 Basilar invagination and Chiari I malformation
(H. Rekate, New York, USA)

10:20 – 10:30 Neurocognitive findings in children with Chiari I malformation: is it possible to define a correlation with mechanical dislocation of the cerebellar tonsils and the severity of the disease?
(D. Chieffo, Rome, Italy)

10:30 – 11:15 *Round Table*
Surgical treatment

10:30 – 10:45 Surgical approaches to Chiari I malformation: a review
(M. Caldarelli, Rome, Italy)

10:45 – 11:00 The pros of a bone limited approach
(M. Zerah, Paris, France)

11:00 – 11:15 **Dural opening without duroplasty in the management of Chiari I malformation**
(S. Sgouros, Athens, Greece)

11:15-11:40 *Coffee Break*

11:40 – 13:30 *Experimental and clinical observations, surgical techniques*

Chairpersons: C. Mazza, Verona, Italy

11:40 – 11:50 Clinical & Radiological Progression of Paediatric Chiari I Malformation: 10 year Out-Patient Follow-up Review
(M.S Volpon, G.A. Solanki, Birmingham, UK)

11:50 – 12:00 How significant is the laterality of Chiari I hindbrain hernia
(P. Gallo, M. S. Volpon, G. A. Solanki, , Birmingham, UK)

12:00 – 12:10 To treat or not to treat - that is the question - our series of 45 patients
(U. Barcik, I. Gonzalez, D. Pereira, J. Muchart , A. Guillen, M. Alamar, P. Puerta, S. Candela, G. Garcia , Barcelona, Spain)

12:10 – 12:20 Tailored foramen magnum decompression for the treatment of Chiari I Malformation using intra-operative ultrasound
(B. Pettorini, Liverpool, UK)

12:20 – 12:30 The surgical management of Chiari type I malformation by posterior calvarial augmentation
(G. Solanki, Birmingham, UK)

12:30 – 12:40 The combined “bone limited”/spinal cord approach (duroplasty and syrinx shunting)
(A. Germanò, F. Tomasello, Messina, Italy)

12:40 – 12:50 Hindbrain translocation in patients with hindbrain hernia-Chiari I malformation, after foramen magnum decompression
(V. Tsitouras, S. Sgouros, Athens, Greece)

12:50 – 13:00 The eradication of “acquired” Chiari after L-P shunts using gravitational valves
(A. Aschoff, B. Vienenkotter, Heidelberg, Germany)

13:00 – 13:10 Complications after foramen magnum decompression for children with Chiari I Malformation
(J.C. Duddy, D. Allcutt, D Crimmins, M.T. Sattar, J. Caird, Dublin, Ireland)

13:10 - 13:30 Consensus: H. Rekate, New York, USA

13:30 - 14:30 Buffet lunch

**14.30 – 16.20 Tumors of the inferior brain stem and upper spinal cord regions
Sponsored by A.G.O.P.
Associazione Genitori Oncologia Pediatrica, Policlinico Gemelli,
Roma**

Chairpersons: M. Caldarelli (Rome, Italy), M. Ozek (Istanbul, Turkey)

14:30 – 14:50 **Introductory Lecture: Brain stem tumors: did we progress in surgical treatment?**
(M. Choux, Marseille, France)

14:50 -16.40 Invited lectures

14:50 - 15:05 **Intraoperative neurophysiological monitoring**
(B. Cioni, Rome, Italy)

15:05 – 15:15 **Gangliogliomas of the posterior cranial fossa**
(P. Frassanito, G. Tamburrini, , Rome, Italy)

15:15 - 15:30 **Medulla oblongata tumors**
(M. Ozek, Istanbul, Turkey)

- 15:30 - 15:45 **Pontine tumors: the role of stereotactic biopsy**
(S. Puget, Paris, France)
- 15:45 - 16:00 **The pros of open surgical biopsy and excision of brainstem tumors in different anatomical locations**
(T.T. Wong, Taipei, Taiwan)
- 16:00 – 16:10 **Brainstem tumors in children. An analysis of 25 cases**
(G.A. Alexiou, K. Stefanaki, M.Moschovi, G. Sfakianos, N. Prodromou , Athens, Greece)
- 16:10 – 16:20 **The subtonsillar approach to lesions around the foramen magnum**
(M.U. Schuhmann, F. Roser, S. Herlan, F. Ebner, M. Tatagiba, Tübingen, Germany)
- 16:20 - 16:40 Consensus: *M. Choux, Marseille, France*
- 18:00-20:00 *Get Together Reception (Palazzo Rospigliosi)*



08:20 – 13:15 *Congenital and acquired craniovertebral junction anomalies: nosographic identification and surgical indications*

08:20 – 09:00 **Introductory Lectures**

08:20 – 08:40 **Craniovertebral junction congenital anomalies: classification, pathophysiology and radiological aspects**
(C. Raybaud, Toronto, Canada)

08:40 – 09:00 **The functional anatomy of the cranio-vertebral junction**
(P. Rabischong, Montpellier, France)

09:00 - 10:00 ***Invited lectures***

Chairpersons: *D. Thompson (London, UK)*

09:00 – 09:20 **Craniovertebral junction congenital anomalies: surgical strategies an overview**
(D. Thompson, London, UK)

09:20 – 09:40 **Tumors of the craniovertebral junction: classification and therapeutic options**
(W.C. Peul, Leiden, The Netherland)

09:40 – 10:00 **Inflammatory diseases of the craniovertebral junction: classification and therapeutic options**
(W.C. Peul, Leiden, The Netherland)

10:00 - 10:30 *Coffee Break*

10:30 – 12:30 *Clinical observations and surgical techniques*

Chairpersons: *L. Massimi (Rome, Italy), B. Rilliet (Geneva, Switzerland)*

- 10:30 – 10:40 Irreducible and reducible CVJ compressions: to decompress and stabilize or to stabilize alone? The surgical dilemma
(M. Visocchi, Rome, Italy)
- 10:40 – 10:50 The Mucopolysaccharidosis
(E. Sganzerla, Monza, Italy)
- 10:50 – 11:00 Radiological evaluation and investigation with X-Ray, CT and MR findings in patients with spinal trauma during professional and amateur sport activities
(N. Syrmos, A. Mylonas, G. Gavridakis, K. Grigoriou, V. Valadakis, C. Iliadis, D. Arvanitakis, Crete, Greece)
- 11:00 – 11:10 Unusual foramen magnum stenosis due to the premature closure of the occipital synchondrosis associated with a sinus marginalis anomaly
(B. Jenny, O. Gautschi, I. Leuchter, A. Kanavaki, S. Hanquinet, B. Rilliet, K. Schaller, Geneva, Switzerland)
- 11:10 – 11:20 Complex Chiari I malformation: incidence and impact on surgical outcome
(L.G. Valentini, Milan, Italy)
- 11:20 – 11:30 Crouzon syndrome: Foramen magnum size and closing of the intraoccipital synchondroses
(B. Rijken, Amsterdam, The Netherlands)
- 11:30 – 11:40 Foramen Magnum Dimensions in Syndromic & Multisuture Synostosis
(P. Gallo, A. L.S. Elserius, P. Noons, D. Rodrigues, G. Solanki, Birmingham, UK)

- 11:40 – 11:50 Foramen Magnum dimensions and relationship to Chiari Hindbrain Hernia and Syringomyelia in Syndromic & Pansynostosis
(P. Gallo, A. L.S. Elserius, P. Noons, P. Davies, G. Solanki, Birmingham, UK)
- 11:50 – 12:00 Syndromic craniosynostosis and Chiari I malformation; is the posterior fossa overcrowded?
(B. Rijken, Amsterdam, The Netherlands)
- 12:00 – 12:10 Acquired Chiari I malformation and post-decompression cerebellar edema in a 5 years old child
(M. Luzi, R. Trignani, M. Bernardini, M.A. Recchioni, S. Vecchioni, R.A. Ricciuti, N. Zamponi, S. Cappanera, L. Regnicolo, F. Rychlicki, Ancona, Italy)
- 12:10 – 12:20 28 posttraumatic syringobulbias within 287 traumatic syringomyelias. Craniocervical decompression or not?
(A.Aschoff, D. Haux, M Akbar, C. Geletneky, D. Hertle, Heidelberg, Germany)
- 12:20 – 12:30 Posterior surgical fusion in a 10 years old girl with atlantoaxial rotatory subluxation
(M. Luzi, R. Trignani, M. Bernardini, M.A. Recchioni, S. Vecchioni, R.A. Ricciuti, N. Zamponi, E. Cesaroni, L. Regnicolo, F. Rychlicki, Ancona, Italy)

12:30 – 12:50 Consensus: D. Thompson (London, UK)

12:50 – 14:00 Buffet lunch



PROGRAM

January 11th, 2013

***COMBINED SESSION
CONSENSUS CONFERENCE and
FIRST “REFRESHING COURSE” of the
EUROPEAN SOCIETY FOR PEDIATRIC
NEUROSURGERY (ESPN)***

15:00 – 18:30 **Cranio-vertebral junction: Surgical approaches, techniques and materials**

15:00 – 16:00 Key-note video-lectures, anterior approaches

Chairpersons: G. Paludetti (Rome, Italy), A. Samii (Hannover, Germany)

15:00 – 15:15 **The role of Neuronavigation and other monitoring devices in the surgical management of CVJ anomalies**
(A. Samii, Hannover, Germany)

15:15 – 15:30 **Transoral approach for craniovertebral junction anomalies: Microsurgery or endoscopy?**
(M. Visocchi , Rome, Italy)

15:30 – 15:45 **Transnasal pure endoscopic approach to the anterior craniovertebral junction**
(G. Paludetti, Rome, Italy)

16:00 – 16:30 ***Round Table***
Comparison of the two different strategies:
Transoral/Transnasal: personal experiences

Chairperson: F. Tomasello (Messina, Italy), M. Visocchi (Rome, Italy)

16:00 – 16:10 **G. Paludetti (Rome, Italy)**

16:10 – 16:20 **M. Fontanella (Brescia, Italy)**

16:20 – 16:30 **D. Thompson (London, UK)**

16:30 – 16:40 **Consensus: M. Visocchi (Rome, Italy)**

16:40 – 17:00 **Coffee Break**

17:00 – 17:30 Materials

Chairpersons: *S. Sgouros (Athens, Greece), G. Tamburrini (Rome, Italy)*

17:00 – 17:15 Biomaterials for cranial bone regeneration
(A. Tampieri, ISTEC, CNR, Faenza, Italy)

17:15 – 17:30 Successful bleeding management
(M. Bagot D'Arc, Baxter BioScience)

17:30 – 17:45 Managing bone healing in Spinal Surgeries
(D. Maksimovic, Medtronic Europe)

17:45 - 18:30 Key-note video lectures, posterior approaches, external orthosis

17:45 - 18:00 Technical Varieties in CVJ instrumentation
(A. Rohring, Bonn, Germany)

18:00 - 18:15 Posterior craniovertebral junction fixation with wires
(M. Crostelli, Rome, Italy)

18:15 – 18:30 External orthosis
(L. Rabini, Rome, Italy)