



ESPN

EUROPEAN SOCIETY for
PEDIATRIC NEUROSURGERY



***FIRST REFRESHING COURSE OF THE
EUROPEAN SOCIETY FOR
PEDIATRIC NEUROSURGERY -ESPN-***

Craniosynostoses

**Roma, Italy
January 11th – 12th, 2013**

Organizers:

M. Vinchon, F. Di Rocco, M. Zerah , G. Tamburrini

Faculty

E. Arnaud (Paris, France)

C. Di Rocco (Rome, Italy)

D. Dunaway (London, UK)

H. Haberl (Berlin, Germany)

J. Hinojosa (Madrid, Spain)

I. Mathijssen (Rotterdam, The Netherland)

A.M. Messing-Junger (Bonn, Germany)

S. Pelo (Rome, Italy)

C. Raybaud (Toronto, Canada)

H. Rekate (New-York, USA)

G. Solanki (Birmingham, UK)

ML van Veelen (Rotterdam, The Netherland)



Organizing Secretariat:



Congressi

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Congress Venue:

Centro Congressi

Palazzo Rospigliosi (Palazzo Pallavicini)

Via XXIV Maggio, 43

00187 Rome (Italy)



Friday 11th

**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	<i>A. Samii (Hannover), G. Paludetti (Rome)</i>
15:00 – 15:15	The role of Neuronavigation and other monitoring devices in the surgical management of CVJ anomalies	<i>A.Samii (Hannover)</i>
15:15 – 15:30	Transoral approach for craniovertebral junction anomalies: Microsurgery or endoscopy?	<i>M. Visocchi (Rome)</i>
15:30 – 15:45	Transnasal pure endoscopic approach to the anterior craniovertebral junction	<i>G. Paludetti (Rome)</i>

16:00 – 16:30	ROUND TABLE Comparison of the two different strategies: Transoral/Transnasal: personal experiences	<i>M. Visocchi (Rome)</i>
16:00 – 16:10	G. Paludetti (Rome)	
16:10 – 16:20	M. Fontanella (Brescia)	
16:20 – 16:30	D. Thompson (London)	
16:30 – 16:40	Consensus	<i>M. Visocchi (Rome)</i>

16:40 - 17:00 Coffee Break

17:00 – 17:30	Materials	<i>S. Sgouros (Athens), G. Tamburrini (Rome)</i>
17:00 – 17:15	Biomaterials for cranial bone regeneration	<i>A. Tampieri (ISTEC, CNR, Faenza)</i>
17:15 – 17:30	Successful bleeding management	<i>M. Bagot D’Arc, Baxter BioScience</i>

17:30 – 17:45	Managing bone healing in Spinal Surgeries	<i>D. Maksimovic, Medtronic Europe</i>
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17:45 - 18:30	Key-note video lectures, posterior approaches, external orthosis	
17:45 - 18:00	Technical Varieties in CVJ instrumentation	<i>A. Rohring (Bonn)</i>
18:00 - 18:15	Posterior craniovertebral junction fixation with wires	<i>M. Crostelli (Rome)</i>
18:15 – 18:30	External orthosis	<i>L. Rabini (Rome)</i>



08:30 - 08:40	Introduction to the First Refreshing Course	<i>M. Vinchon (Lille)</i>
08:40 - 09:00	The role of genetic analysis in simple and complex synostosis	<i>W. Lattanzi (Rome)</i>
09:00 - 09:15	From the lab to the patient : the role of mouse models	<i>F. Di Rocco (Paris)</i>
09:15 - 09:45	Modern imaging studies : what to search	<i>C. Raybaud (Toronto)</i>

SIMPLE SYNOSTOSIS

09 :45 - 10:30	ROUND TABLE I : The sense of radiological diagnosis in simple craniosynostosis	Rx, 3D CT Risks Contributions Alternatives	<i>C. Di Rocco (Rome)</i>
09:45	Introduction to the round table		<i>C. Di Rocco (Rome)</i>
09:50	The indication for skull-Xray and CT scan in sagittal synostosis: are they necessary? Are they useful?		<i>K. Iakovaki (Larissa)</i>
09.57	What can late CT scans disclose		<i>L.G. Valentini (Milan)</i>
10:04	Why a 3DCT scan may be necessary in plagiocephaly		<i>G. Tamburrini (Rome)</i> <i>L. Massimi (Rome)</i> <i>P. Frassanito (Rome)</i>
10:11	Which contribution of ultrasound examination to the diagnosis of simple craniosynostoses		<i>M.U. Schuhmann (Tübingen)</i>
10:18	Actual risks of cranial irradiation		<i>M. Vinchon (Lille)</i>
10:25 - 10:40	Discussion and Conclusions		<i>C. Di Rocco (Rome)</i>

10:40 - 11:00 Coffee Break

COMPLEX CRANIOSYNOSTOSIS

11:00 - 12:00	ROUND TABLE II: FrontoFacial advancement: monobloc and fronto-orbital + Lefort III	Indications Complications Results Analysis Recurrences	<i>E. Arnaud (Paris)</i>
11:00 - 11:05	Introduction to the round table		<i>E. Arnaud (Paris)</i>
11:05	Advantages of the Two stage techniques: Fronto-orbital advancement followed by Lefort III		<i>J. Hinojosa (Madrid)</i>
11:13	Monobloc advancement surgical technique		<i>S. Pelo (Rome)</i>
11:21	Indications, advantages, complications of the monobloc with internal distractors		<i>E. Arnaud (Paris)</i>
11:29	Indications, advantages, complications of the monobloc with external distraction		<i>D. Dunaway (London)</i>
11:37	Strategies of frontal and facial treatment: 1 or 2 stages, internal or external		<i>E. Arnaud (Paris)</i>
11:45	Discussion and conclusions		

12:00 - 12:45

Complex Craniosynostosis: other radiological and clinical aspects; surgical indications

Chairpersons : *G. Tamburrini (Rome), C. Mazza (Verona)*

12:00 - 12:05	Introduction: MRI in complex synostosis	<i>M.L. Van Veelen (Rotterdam)</i>
12:05 – 12:13	Incidence of Chiari and syringomyelia	<i>G. Solanki (Birmingham)</i>
12:13 – 12:20	Foramen Magnum in syndromic craniosynostoses	<i>F. Di Rocco (Paris)</i>
12:20 – 12:30	Indications for posterior cranial fossa augmentation	<i>G. Solanki (Birmingham)</i>
12:30 – 12:45	Discussion and conclusions	

12:45 - 13:50	ROUND TABLE III: Posterior vault remodeling :	Simple flap vs springs vs distractors Indications/ Complications/ Results analysis/ Recurrences	<i>F. Di Rocco (Paris)</i>
12:45	Introduction to the round table		<i>F. Di Rocco (Paris)</i>
12:50	Posterior fixed augmentation (Osteotomies and plates). Indications and limitations	Indication, technical note, limitations	<i>G. Tamburrini, (Rome)</i>
12:58	Posterior decompression with a free flap and shunt modification. Indications and limitations	Indication, technical note, limitations	<i>F. Di Rocco (Paris)</i>
13.06	Posterior decompression : Osteotomies and springs. Indications and limitations	Indication, technical note, limitations	<i>M.L. van Veelen (Rotterdam)</i>
13.14	Posterior decompression : springs without osteotomies. Indications and limitations	Indication, technical note, limitations	<i>E. Arnaud (Paris)</i>
13:22	Posterior decompression : Osteotomies with distraction Indications and limitations	Indication, technical note, limitations	<i>G. Solanki (Birmingham)</i>
13:30 - 13:45	Discussion and Conclusions		<i>F. Di Rocco (Paris)</i>

13:45 - 15:00 Lunch

15:00 - 15:15	From Text Based to Image Based Medicine - Acquisition and Significance of Skull Knowledge	<i>H. Haberl (Berlin)</i>
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LONG TERM EVALUATION

15:15 - 17:30	ROUND TABLE IV: How to evaluate the surgical results in single suture craniosynostoses		<i>M. Messing-Jünger (Bonn) M.L. van Veelen (Rotterdam)</i>
	Cosmetic results	Morphological considerations	
15:15	What do you need to disappear in a crowd ?	Neuro and plastic surgeons point of view <i>"normality cosmetic criteria" to try and achieve</i>	<i>D. Dunaway (London) H. Rekate (New York)</i>
15:30	Surgical limits of facial remodelling (can we achieve a "perfect" result in all complex synostosis?)	Neuro and plastic surgeons point of view <i>"what cannot be corrected with the surgery and what can be amended by secondary surgery (lipofilling, onlay, le Fort 1...)"</i>	<i>I. Mathijsen (Rotterdam)</i>
15:45	Non radiological morphological investigations		<i>M. Messing-Jünger (Bonn)</i>
15:53	Photographic measurements for cranial indices		<i>G. Solanki (Birmingham)</i>
16:00	The risk of secondary stenosis/recurrences		<i>M. Vinchon (Lille)</i>
16:10 – 16:30	Discussion		

	Functional results	Clinical Follow-up	
16:30	Cognitive outcome in scaphocephaly		<i>D. Chieffo (Rome)</i>
16:37	Cognitive outcome in metopic synostosis		<i>G. Solanki (Birmingham)</i>
16:44	Behaviour in simple and complex craniosynostosis		<i>I. Mathijsen (Rotterdam)</i>
16:51	Respiratory results in monobloc surgery		<i>E. Arnaud (Paris)</i>
16:58	Follow-up criteria in patients after classical fronto-orbital advancement		<i>A. Röhring (Bonn)</i>
17:10 - 17:30	Discussion		

17:30 – 18:00 Coffee Break

18:00 – 18:30

Case Discussion

Chairperson : M. Vinchon (Lille)

18:00 – 18:10	Occipital sinus pericranii and craniosynostosis: discussion about two cases	<i>B. Rilliet, M. Zenobi, B. Jenny, Y. El Hassani, B. Pittet, K. Schaller, Geneve, Switzerland</i>
18:10 – 18:20	Unexplained CSF overproduction in a child with Crouzon syndrome	<i>P Frassanito, G. Tamburrini, M. Caldarelli, L. Massimi, C. Di Rocco, Rome, Italy</i>
18:20 – 18:30	Discussion	

18 :30-19 :00	ROUND TABLE V: “Homogenization” of FU protocols	M Vinchon (Lille) E. Arnaud – C. Di Rocco – D. Dunaway - J. Haberl – J. Hinojosa – I. Mathijsen M. Messing-Jünger – G. Solanki H. Rekate – M.L. van Veelen
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19:00	Conclusions and adjourn	<i>M. Vinchon</i>
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Dates

Friday 11th and Saturday 12th

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 :

Fri, Jan 11th & Sat, Jan 12th 08:00 – 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

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

Course Standard Participant	€ 250,00 + 21% VAT = € 302,50
Course 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



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