

SURGICAL APPROACHES TO THE CRANIOVERTEBRAL JUNCTION

SATELLITE COURSE

Cadaver lab and workshop on complex spine neurosurgery

Under the auspices of

European Society of Pediatric Neurosurgery

Italian Society of Neurosurgery

Spine Section of the Italian Society of Neurosurgery



Satellite Course of the Consensus Conference on Pediatric Neurosurgery “**CRUISING AROUND THE FORAMEN MAGNUM**”, promoted by M. Choux, C. Di Rocco and C. Sainte-Rose, and **FIRST “REFRESHING COURSE” OF THE ESPN, Rome-Palazzo Rospigliosi, January 10th-12th, 2013**

JANUARY 9TH 2013

Course venue: Institute of Pathological Anatomy – (Institute of Neurosurgery) Catholic University Medical School,

Largo Francesco Vito, 1, 00168, Rome, Italy

Main topics:

ANTERIOR - ENDOSCOPIC AND MICROSURGICAL TRANSNASAL AND TRANSORAL APPROACHES

POSTERIOR – INSTRUMENTATION AND FUSION TECHNIQUES

The aim of the Course is to provide information on anatomy, embryology, physiology, and patho-physiology of the craniovertebral (CVJ) junction. The commonest malformations and the acquired diseases of the CVJ will be introduced as well as the surgical indications and the most used techniques in their management.

Microsurgical, endoscopic and macrosurgical approaches to the CVJ will be presented and discussed.

At the end of the Course the trainees will be able to:

- 1) Recognize the CVJ pathologies suitable for surgery;
- 2) Choose the right surgical approach (anterior versus posterior);
- 3) Perform the principal surgical maneuvers.

THEORETICAL SESSION

09:00 Welcome message (R. Delfini -*President of the Italian Society of Neurosurgery*, F. Tomasello - *President of the University of Messina - Italy*, F.M. Vecchio - *Chairman of the Institute of Pathological Anatomy, UCSC Rome - Italy*)

09:15 Legal implications in cadaver lab organization and didactical programs (G. Vetrugno UCSC Rome Italy)

09:30 Cadaver preservation and preparation techniques (L. Di Giambattista, UCSC Rome Italy)

09:45 Perfusion and molds in cadaver dissection techniques (T. Conci, E. Stigliano, C. Pirazzi, UCSC Rome Italy)

10:00 Embriology and malformations of CVJ (G. Della Pepa, G. La Rocca, UCSC Rome Italy)

10:15 Surgical anatomy of CVJ (M. Visocchi, UCSC Rome Italy)

10:30 Neuroradiology of the CVJ (A.M. Costantini, G. M. Di Lella, T. Tartaglione, UCSC Rome Italy)

10:45 The CVJ: a surgical overview (F. Tomasello, Messina, Italy)

11:00 11:15 Coffee break

Anterior approaches

11:15 Endoscopy: history and surgical use (M. Caldarelli, G. Tamburrini, L. Massimi)

11:30 Endoscopic transnasal approach (G. Paludetti, M. Rigante)

11:45 Endoscopic transoral approach (M. Visocchi)

12:00 Microsurgical transoral approach (M. Visocchi, C. Di Rocco)

12:15 Transfacial approaches (G. Almadori, M. Rigante)

Posterior approaches

12:30 C0 - C1 – C2 instrumentation and fusion techniques, screws and cables: an overview (R. Delfini)

12:45 C0-C1-C2 posterior fixation: pitfalls and failures (M. Bortoluzzi)

PRACTICAL SESSION

13:00 -14:00 Workshop on plastic spine models (tutors: M. Visocchi, M. Rigante, C. Lucantoni, G. Della Pepa, G. La Rocca, A. Germanò, M. Fontanella)

14:00-15:00 Lunch

15:00-17:00 Workshop on cadavers (tutors: M. Visocchi, Della Pepa, M. Rigante, C. Lucantoni , G. La Rocca, C. Pirazzi, B. Peri, E. Stigliano, L. Di Giambattista, A. Germanò, M. Fontanella)

Porter Necrophor X-Ray Technician

Surgical Tools: endoscope, microscope, ultrasonic aspirator, high velocity drills, instrumentation and fusion devices, X-Ray system

Course Director Massimiliano Visocchi Neurosurgeon Catholic University of Rome	Faculty G. Almadori M. Bortoluzzi M. Caldarelli A. M. Costantini T. Conci L. Di Giambattista G. M. Di Lella C. Di Rocco R. Delfini G. Della Pepa G. La Rocca C. Lucantoni	L. Massimi G. Paludetti B. Peri C. Pirazzi M. Rigante E. Stigliano G.P. Tamburrini T. Tartaglione F. Tomasello F.M. Vecchio G. Vetrugno M. Visocchi
Invited Guests Roberto Delfini (President of the Italian Society of Neurosurgery) Francesco Tomasello (President of the University of Messina Italy) Marco Bortoluzzi (Coordinator of the Spine Surgery Section of the Italian Society of Neurosurgery) Gaetano Paludetti Chairman Department Head Neck surgery Catholic University of Rome Italy)		

Italian Continuous Education in Medicine credits obtained!

Course Fee: € 302.50 (€ 250 + 21% VAT)

Accommodation: special offer for the first 10 course Participants at Catholic University Residence:
Double bed room single use: € 110.00 (one night, including dinner and breakfast).

Alternative accommodations nearby the Course venue:

Hotel Marriot Central Park (<http://marriott-central-park.hotel-rv.com>)

Hotel Sisto V (www.hotelsistov.com)

Hotel Desiderio (www.booking.com/hotel/it/desiderio.it)

Hotel Pineta Palace (www.hotelpinetapalace.com)

For registration and info: www.ptsroma.it/cpn2013 Or email to mvisocchi@hotmail.com, lmassimi@email.it