Naples, Italy, January 23-25, 2017

"Santobono-Pausilipon" Children’s Hospital

"Antonio Cardarelli" Hospital

"Federico II" University of Naples

**Organizer:** Giuseppe Cinalli

**Local organization and faculty:** Ferdinando Aliberti, Giuseppe Cinalli, Claudio Ruggiero, Pietro Spennato, Giuseppe Mirone

**Faculty**
- Ferdinando Aliberti - Italy
- Adrian Caceres - Costa Rica
- Paolo Cappabianca - Italy
- Fernando Chico Ponce de Leon - Mexico
- Giuseppe Cinalli - Italy
- Alvaro Cordoba - Uruguay
- Artur da Cunha - Brasil
- Hans Delve - The Netherlands
- Federico di Rocco - France
- Samer Elbaba - United States
- Alessandro Fiorindi - Italy
- Renato Galzio - Italy
- Michelangelo Gangemi - Italy
- Carlos Gagliardi - Argentina
- Serge Gorelishev - Russia
- Tenoch Herrada - Mexico
- Gokmen Kahilogullary - Turkey
- Vladimir Krylov - Russia
- Mikhail Legzdain - Russia
- Davide Locatelli - Italy
- Olga Medvedeva - Russia
- Armen Melikian – Russia
- Giuseppe Mirone – Italy
- Masakazu Miyajima - Japan
- Hisayuki Murai - Japan
- Kenichi Nishiyama - Japan
- Joachim Oertel - Germany
- Piero Andrea Oppido - Italy
- Memet Ozek - Turkey
- Stefano Parlato - Italy
- Jonathan Roth - Israel
- Claudio Ruggiero - Italy
- Ricardo Santos de Oliveira - Brasil
- Henry Schroder - Germany
- Spyros Sgouros - Greece
- Pietro Spennato – Italy
- Gianpietro Tamburrini - Italy
- Ulrich W Thomale - Germany
- Wan Tew Seow – Singapore
- Wolfsberger Stefan - Austria

**Workshop Venue:**
Center of Biotechnologies - Cardarelli Hospital
Via A. Cardarelli, 9 - 80131 Naples – Italy

**Organization and Informations:**
Alessia Licenziato
Centro di Biotecnologie
A.O.R.N. “A. Cardarelli” – Pad. X
Via A. Cardarelli, 9 - 80131 Napoli
Tel. e fax +39 0817473433-2037-2158-3526
email biotecnologie@acardarelli.it

**Number of participants:** 48
**Registration fee:** 500 euro (hotel accommodation and dinner not included)
MONDAY JANUARY 23, 2016

ENDOSCOPIC 3rd VENTRICULO STOMY AND SEPTOSTOMY

Session I: Instruments- Applied technologies
8.00 Welcome address, organisation of the course
Giuseppe Cinalli
Objectives of the course
Faculty
8.30-8.40 Endoscope: basic principles and instrumentation
Adrian Caceres
8.45-8.55 Neuronavigation and Neuroendoscopy
Stefan Wolfsberger
9.00-9.10 Laser in Neuroendoscopy
Piero Andrea Oppido
9.15-9.25 Ultrasonic aspirator in Neuroendoscopy
Memet Ozek

Session II: Techniques
9.30-9.40 Endoscopy in parenchimal hemorrhage
Hisayuki Murai
9.45-9.55 Endoscopy in intraventricular hemorrhage
Alessandro Fiorindi
10.00-10.10 Endoscopy-assisted microsurgery in brain tumors
Alvaro Cordoba
10.15-10.25 Endoscopy-assisted microsurgery in vascular surgery
Renato Galzio
10.30-10.45 Coffee break

Session III: ETV-Septostomy
10.45-10.55 Endoscopic anatomy of the ventricular system
Gokmen Kahilogullary
11.00-11.10 ETV: Surgical technique
Henry Schroeder
11.15-11.25 Septostomy: indications and surgical technique
Kenichi Nishiyama

11.30-13.00 HANDS-ON - ANATOMICAL MODELS

13.00-14.00 LUNCH

14.00 - 16.30 HANDS-ON - ANIMAL LIVING MODELS
24 working stations– 2 trainees and 1 tutor per station

16.30-16.45 Coffee break

16.45-17.00 Pre-op evaluation of hydrocephalus
Jonathan Roth
17.05-17.15 ETV: Indications
Michelangelo Gangemi
17.20-17.30 ETV: Complications avoidance
Armen Melikian
17.35-17.45 ETV: Long term results
Ricardo Santos de Oliveira

Session IV
17.45-18.30 CLINICAL CASES: ETV and Septostomy: Memet Ozek (3 cases - 15 minutes), Joachim Oertel (3 cases –15 minutes), Ricardo Santos de Oliveira (3 cases – 15 minutes)

TUESDAY JANUARY 24, 2016

COMPLEX HYDROCEPHALUS

Session V – Complex Hydrocephalus
Chairman:
8.00-8.10 Complex hydrocephalus: definition
Ulrich Thomale
8.15-8.25 Multiloculated hydrocephalus: Classification/Radiology
Gianpiero Tamburrini
8.30-8.40 Multiloculated: Surgical Techniques
Federico di Rocco
8.45-8.55 ETV and shunt malfunction
Samer Elbabaa
8.55-9.05 ETV in Spina Bifida
Samer Elbabaa
9.05-9.15 Ventricular washing in PHH in prematures
Ulrich Thomale
9.15-9.25 Choroid plexus coagulation: Indications, technique, results
Artur da Cunha
9.30-9.40 Neurocysticercosis
Tenoch Herrada
9.40-9.50 Endoscopic treatment of brain abscess and ventriculitis
Fernando Chico

Session VI: Arachnoid cysts
9.55-10.05 Arachnoid cysts: classification and radiology
Carlos Gagliardi
10.10-10.20 Sylvian cysts-Endoscopic surgical technique
Joachim Oertel
10.25-10.35 Suprasellar cysts- Endoscopic surgical technique
Henri Schroeder
10.40-10.50 Interhemispheric cysts- Endoscopic surgical technique
Memet Ozek
10.55-11.05 Posterior fossa cysts- Endoscopic surgical technique
Spyros Sgouros
11.10-11.30 Coffee break

11.30-13.00 HANDS-ON - ANATOMICAL MODELS

13.00-14.00 LUNCH

14.00 – 17.00 HANDS-ON - ANIMAL LIVING MODELS
24 working stations– 2 trainees and 1 tutor per station

17.00 – 17.15 Coffee break

Session VII
Chairman:
17.15-18.15 Video session: Complex hydrocephalus: Federico di Rocco (3 video – 15 minutes), Gokmen Kahilogullary (3 video – 15 minutes), Hans Delye (3 video – 15 minutes), Ulrich Thomale (3 video – 15 minutes)

Session VIII
Chairman:
18.15 – 19.00 Clinical cases: Endoscopy and tumors: Memet Ozek (3 cases – 15 minutes), Wan Tew Seow (3 cases – 15 minutes), Masakatsu Miyajima (3 cases – 15 minutes)
### Session VI – Endoscopy in tumor management

**Chairman:**

- **8.00-8.10** ETV and posterior fossa tumors
  - Hisayuki Murai
- **8.15-8.20** ETV in pineal tumors: Indications, technique
  - Wan Tew Seow
- **8.25-8.35** Tumor biopsy/removal: Surgical technique
  - Masakatsu Miyajima
- **8.40-8.50** EAM in Craniopharyngiomas and suprasellar lesions
  - Serge Gorelyshev

### Session IX: Craniopharyngiomas - Miscellaneous

- **8.55 - 9.05** Craniopharyngiomas: indications to endoscopy
  - Davide Locatelli
- **9.10 - 9.20** Craniopharyngiomas: Ventricular approach
  - Hisayuki Murai
- **9.25 - 9.35** Craniopharyngiomas-Endonasal approach
  - Paolo Cappabianca
- **9.40 - 9.50** Neuroendoscopy in vascular surgery
  - Vladimir Krylov
- **9.55 - 10.05** Colloid cyst
  - Mikhail Legzdain
- **10.10 - 10.20** Endoscopic repair of craniosynostosis
  - Hans Delye
- **10.25 - 10.40** Digital imaging in neuroendoscopy and next generation
  - Kenichi Nishiyama

**10.45 – 11.00** Coffee Break

**11.00-13.00** HANDS-ON - ANATOMICAL MODELS

**13.00-14.00** LUNCH

**14.00 – 17.00** HANDS-ON - ANIMAL LIVING MODELS

24 working stations– 2 trainees and 1 tutor per station

### Session XI

**Chairman:**

- **17.00 - 18.15** Video session: Craniopharyngiomas and tumors
  - Serge Gorelyshev (3 videos– 15 minutes), Memet Ozek (3 videos– 15 minutes), Davide Locatelli (3 videos– 15 minutes), Kenichi Nishiyama (3 videos– 15 minutes)

### Session XII

**Chairman**

- **18.15 - 19.00:** Clinical cases: Endoscopy and tumors
  - Mikhail Legzdain (3 cases – 20 minutes), Hisayuki Murai (3 cases – 20 minutes), Vladimir Krylov (3 cases – 20 minutes)
- **19.00** End of the course

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**Attendance to the course will be limited to 48 participants**

For registration please check availability contacting the Organizing Secretariat at: biotecnologie@aocardarelli.it

**WEBSITE:**


After confirmation of availability, please, make a money transfer of 500 euros to the following IBAN account:

“Ospedale Cardarelli”

IBAN: IBAN IT43 W010 1003 5931 0000 0301 473

**How to get there:**

**By car:** on the highway driving from north follow the direction “Tangenziale”, after 7 Km take the exit n. 7 “Zona Ospedaliera”, follow the direction “Ospedale Cardarelli”. You will find the Cardarelli Hospital on your right after the exit from highway. Enter into the Cardarelli Hospital through the car entrance that you will find at your right. After entering, follow the blue bold arrows on the map above and park in the “P4” Parking area at the end of the central alley.

**By train or Underground (Metropolitana):**
Leave the station Napoli Centrale and take the metro Line 1, station Garibaldi, direction Piscinola. Stop at Policlinico Station. Please follow inside the metro station the indication for “Cardarelli” exit. It’s the entrance V6 indicated on the map. Immediately on the right, after “Banco di Napoli” continue for 100 metres then on the right again you can find the Pavillon X, Centre of Biotechnologies.