



International
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Under the patronage of
International Federation of NeuroEndoscopy (IFNE)
Japanese Society for NeuroEndoscopy (JSNE)
Grupo Latinoamericano de Estudios en Neuroendoscopia (GLEN)
Indian Society for Neuroendoscopy (ISNE)
European Society for Pediatric Neurosurgery (ESPN)
World Federation of Neurosurgical Societies - Neuroendoscopy Committee (WFNS)

IFNE-JSNE-GLEN-ISNE Hands-on Workshop on CEREBRAL AND VENTRICULAR NEUROENDOSCOPY

January 22-24, 2018

Naples, Italy



FINAL PROGRAM



Antonio Cardarelli
AZIENDA OSPEDALIERA DI RILEVO NAZIONALE

“Antonio Cardarelli”
Hospital



“Santobono-Pausilipon”
Children's Hospital



“Federico II”
University of Naples

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Welcome Message



Dear colleagues and friends,

It is a great honor and a privilege to welcome you to Naples for the 2018 edition of the IFNE-JSNE-GLEN-ISNE Hands-on Workshop on Cerebral and Ventricular Neuroendoscopy, hosted as is customary at the Centro di Biotecnologie - A.O.R.N. "Antonio Cardarelli".

The Scientific Program comprises a series of presentations by renowned experts on applied technologies and techniques related with ETV and septostomy, complex hydrocephalus, arachnoid cysts, tumor management, and craniopharyngiomas. Theory will then be put into use through a series of hands-on workshops performed on anatomical and animal models, where a 2:1 analogy of trainees and expert tutors of our international Faculty ensures enhanced interaction and high level of actual knowledge gained.

The Hands-on Workshop on Cerebral and Ventricular Neuroendoscopy is organized by the International Federation of Neuroendoscopy (IFNE), and is under the auspices of the Japanese Society for Neuroendoscopy (JSNE), the Latin American Group on Neuroendoscopy Studies (GLEN), the Indian Society for Neuroendoscopy (ISNE), the Neuroendoscopy Committee of the World Federation of Neurosurgical Societies (WFNS), as well as the European Society for Pediatric Neurosurgery (ESPN).

I offer you my sincere thanks for joining us and wish you a fruitful Workshop.

Giuseppe Cinalli

Local Organizing Committee Chair

President, International Federation of Neuro Endoscopy (IFNE)

Director of Department of Neurosciences and Director of Division of Pediatric Neurosurgery,

Santobono-Pausilipon Children's Hospital, Naples, Italy

Organization - Committees

Organized by



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Indian Society for Neuroendoscopy (ISNE)



World Federation of Neurosurgical Societies (WFNS) – Neuroendoscopy Committee



European Society for Pediatric Neurosurgery (ESPN)

Local Organizing Committee

Chair:

Giuseppe Cinalli

Members:

Ferdinando Aliberti

Guiliana di Martino

Claudio Ruggiero

Stefano Parlato

Pietro Spennato

Serena de Santi

Giuseppe Mirone

Vincenzo Trischilta

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Faculty

Ferdinando Aliberti (Naples, Italy)

Esperanza Arcas Navarrete (Granada, Spain)

Hemant Bhartiya (Jaipur, India)

Carlos Brusius (Porto Alegre, Brazil)

Adrian Cáceres (San Jose, Costa Rica)

Paolo Cappabianca (Naples, Italy)

Fernando Chico-Ponce de León (Mexico City, Mexico)

Giuseppe Cinalli (Naples, Italy)

Alvaro Cordoba (Montevideo, Uruguay)

Artur da Cunha (Recife, Brazil)

Alessandro de Benedictis (Rome, Italy)

Hans Delye (Nijmegen, The Netherlands)

Chandrashekar Deopujari (Mumbai, India)

Maria Serena de'Santi (Naples, Italy)

Giuliana di Martino (Naples, Italy)

Samer Elbabaa (Orlando FL, USA)

Alessandro Fiorindi (Treviso, Italy)

Carlos Gagliardi (La Plata, Argentina)

Serge Gorelyshev (Moscow, Russia)

Tenoch Herrada Pineda (Mexico City, Mexico)

Abhaya Kulkarni (Toronto ON, Canada)

Sandi Lam (Houston TX, USA)

François Lechanoine (Tours, France)

Davide Locatelli (Varese, Italy)

Carlo Efcio Marras (Rome, Italy)

Patrick McDonald (Vancouver BC, Canada)

Giuseppe Mirone (Naples, Italy)

Masakazu Miyajima (Tokyo, Japan)

Hisayuki Murai (Chiba, Japan)

Kenichi Nishiyama (Niigata, Japan)

Joachim Oertel (Homburg, Germany)

Piero Andrea Oppido (Rome, Italy)

Memet Özek (Istanbul, Turkey)

Stefano Parlato (Naples, Italy)

Jonathan Roth (Tel Aviv, Israel)

Claudio Ruggiero (Naples, Italy)

Ricardo Santos de Oliveira (Sao Paolo, Brazil)

Wan Tew Seow (Singapore)

Spyros Sgouros (Athens, Greece)

Pietro Spennato (Naples, Italy)

Gianpiero Tamburrini (Rome, Italy)

Ulrich-Wilhelm Thomale (Berlin, Germany)

Vincenzo Trischitta (Naples, Italy)

Neelam Venkataramana (Bangalore, India)

Stefan Wolfsberger (Vienna, Austria)

General Information

Venue

Centro di Biotecnologie - A.O.R.N. "Antonio Cardarelli"

9, Via Antonio Cardarelli, 80131 Naples, Italy

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CME Accreditation



The IFNE-JSNE-GLEN-ISNE Hands-on Workshop on Cerebral and Ventricular Neuroendoscopy, Naples, Italy, 22/01/2018-24/01/2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **24 European CME credits (ECMEC®s)**. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

On-site Secretariat Desk

The Secretariat Desk will be operating at the venue during Workshop dates as follows:

Monday, January 22, 2018	07:30-18:30
Tuesday, January 23, 2018	08:00-19:00
Wednesday, January 24, 2018	08:00-19:00

Coffee and Lunch Breaks

Coffee and Lunch Breaks will be served in the designated venue areas according to the Workshop schedule.

Name Badges

Registration badges will be used during the Workshop. Participants will receive their badges upon check-in at the Registration Desk. For identification purposes and admission to Workshop halls, participants are requested to wear their badges at all times. Admission to Workshop areas will not be allowed without badge identification.

Important note: In order to obtain CME credits, delegates are requested to check-in at the Workshop Secretariat and scan their badges' barcodes on a daily basis.

Official Language

The official language of the Workshop is English. No simultaneous interpretation will be provided.

Certificate of Attendance

All registered delegates having attended the Workshop will receive an electronic Certificate of Attendance, along with a separate attestation of CMEs received, according to attendance.

Insurance

Neither the Organizing Committee nor the Workshop Secretariat accepts any liability for damages and/or loss of any kind which may incur to Workshop participants throughout Workshop dates. Participation is at one's own risk. Participants are advised to take out insurance against loss, accidents or damage that could be incurred during the Workshop. Verbal agreements will not be binding unless confirmed in written.

Program Overview

Monday • January 22, 2018 / Endoscopic 3rd ventriculostomy and septostomy

Time	Main Hall	Rooms 1-2-3-4
08:00-08:30	OPENING SESSION	
08:30-09:45	SESSION I: Instruments - Applied technologies	
09:45-10:30	SESSION II: Techniques	
10:30-11:00	Coffee Break	
11:00-11:45	SESSION III: ETV - Septostomy (Part A)	
11:45-13:00		HANDS-ON ANATOMICAL MODELS
13:00-14:00	Lunch Break	
14:00-16:30		HANDS-ON ANIMAL LIVING MODELS
16:30-16:45	Coffee Break	
16:45-17:45	SESSION IV: ETV - Septostomy (Part B)	
17:45-18:30	SESSION V: CLINICAL CASES ETV & Septostomy	

Tuesday • January 23, 2018 / Complex hydrocephalus

Time	Main Hall	Rooms 1-2-3-4
08:00-09:55	SESSION VI: Complex hydrocephalus	
09:55-11:10	SESSION VII: Arachnoid cysts	
11:10-11:30	Coffee Break	
11:30-13:00		HANDS-ON ANATOMICAL MODELS
13:00-14:00	Lunch Break	
14:00-17:00		HANDS-ON ANIMAL LIVING MODELS
17:00-17:15	Coffee Break	
17:15-18:15	SESSION VIII: VIDEO SESSION Complex hydrocephalus	
18:15-19:00	SESSION IX: CLINICAL CASES Endoscopy and tumours (Part A)	

Program Overview

Wednesday • January 24, 2018 / Endoscopy in tumour management

Time	Main Hall	Rooms 1-2-3-4
08:00-08:55	SESSION X: Endoscopy in tumour management	
08:55-10:40	SESSION XI: Craniopharyngiomas - Miscellaneous	
10:40-11:00	Coffee Break	
11:00-13:00		HANDS-ON ANATOMICAL MODELS
13:00-14:00	Lunch Break	
14:00-17:00		HANDS-ON ANIMAL LIVING MODELS
17:00-18:15	SESSION XII: VIDEO SESSION Craniopharyngiomas and tumours	
18:15-19:00	SESSION XIII: CLINICAL CASES Endoscopy and tumours (Part B)	
19:00	End of Workshop	

Scientific Program

Monday • January 22, 2018 / Endoscopic 3rd ventriculostomy and septostomy

08:00-08:30	OPENING SESSION	Main Hall
08:00-08:20	Giuseppe Cinalli: <i>Workshop organisation and objectives</i>	
08:20-08:30	Santolo Cozzolino: <i>Presentation of the Center</i>	
08:30-09:45	SESSION I: Instruments – Applied technologies	Main Hall
	Chairperson: Giuseppe Cinalli	
08:30-08:40	Adrian Caceres: <i>Endoscope: basic principles and instrumentation</i>	
08:45-08:55	Stefan Wolfsberger: <i>Neuronavigation and Neuroendoscopy</i>	
09:00-09:10	Piero Andrea Oppido: <i>Laser in Neuroendoscopy</i>	
09:15-09:25	Giuseppe Cinalli: <i>Ultrasonic aspirator in Neuroendoscopy</i>	
09:30-09:40	Carlo Efsio Marras: <i>Robot-assisted Neuroendoscopy</i>	
09:45-10:30	SESSION II: Techniques	Main Hall
	Chairperson: Adrian Caceres	
09:45-09:55	Hisayuki Murai: <i>Endoscopy in parenchymal haemorrhage</i>	
10:00-10:10	Alessandro Fiorindi: <i>Endoscopy in intraventricular haemorrhage</i>	
10:15-10:25	Alvaro Cordoba: <i>Endoscope-assisted microsurgery in brain tumours</i>	
10:30-11:00	Coffee Break	
11:00-11:45	SESSION III: ETV – Septostomy (Part A)	Main Hall
	Chairperson: Alvaro Cordoba	
11:00-11:10	Carlos Brusius: <i>Endoscopic anatomy of the ventricular system</i>	
11:15-11:25	Memet Özek: <i>ETV: surgical technique</i>	
11:30-11:40	Kenichi Nishiyama: <i>Septostomy: indications and surgical technique</i>	
11:45-13:00	HANDS-ON ANATOMICAL MODELS	Rooms 1-2-3-4
	<i>Broadcasted at the Main Hall for auditor attendance</i>	

Monday • January 22, 2018

13:00-14:00 Lunch Break

14:00-16:30 HANDS-ON | ANIMAL LIVING MODELS

Broadcasted at the Main Hall for auditor attendance

24 working stations (2 trainees & 1 tutor per station)

Rooms 1-2-3-4

16:30-16:45 Coffee Break

16:45-17:45 SESSION IV: ETV – Septostomy (Part B)

Main Hall

Chairperson: **Memet Özek**

16:45-17:00 **Jonathan Roth:** *Pre-op evaluation of hydrocephalus*

17:05-17:15 **Abhaya Kulkarni:** *ETV: indications*

17:20-17:30 **Adrian Caceres:** *Avoiding complications in Neuroendoscopy*

17:35-17:45 **Ricardo Santos de Oliveira:** *ETV: long-term results*

17:45-18:30 SESSION V: CLINICAL CASES | ETV & Septostomy

Main Hall

Chairperson: **Jonathan Roth**

Instructors: **Memet Özek, Joachim Oertel, Ricardo Santos de Oliveira**

Each instructor presents 3 cases and is allotted 15'.

Tuesday • January 23, 2018 / Complex hydrocephalus

08:00-09:55 **SESSION VI: Complex hydrocephalus** Main Hall

Chairperson: **Chandrashekar Deopujari**

08:00-08:10 **Gianpiero Tamburrini:** *Multiloculated hydrocephalus: classification / radiology*

08:15-08:25 **Esperanza Arcas Navarrete:** *Multiloculated hydrocephalus: surgical techniques*

08:30-08:40 **Chandrashekar Deopujari:** *ETV and shunt malfunction*

08:45-08:55 **Samer Elbabaa:** *ETV in spina bifida*

08:55-09:05 **Ulrich W. Thomale:** *Ventricular washing in PHH in prematures*

09:05-09:15 **Artur da Cunha:** *Choroid plexus coagulation: indications, technique, results*

09:15-09:25 **Tenoch Herrada:** *Neurocysticercosis*

09:30-09:40 **Fernando Chico-Ponce de León:** *Ventricular lavage in purulent ventriculitis*

09:40-09:50 **Hemant Bhartiya:** *ETV in post-tuberculosis hydrocephalus*

09:55-11:10 **SESSION VII: Arachnoid cysts** Main Hall

Chairperson: **Ulrich Thomale**

09:55-10:05 **Carlos Gagliardi:** *Arachnoid cysts: classification and radiology*

10:10-10:20 **Joachim Oertel:** *Sylvian cysts: endoscopic surgical technique*

10:25-10:35 **Memet Özek:** *Suprasellar cysts: endoscopic surgical technique*

10:40-10:50 **Piero Spennato:** *Interhemispheric cysts: endoscopic surgical technique*

10:55-11:05 **Spyros Sgouros:** *Posterior fossa cysts: endoscopic surgical technique*

11:10-11:30 Coffee Break

11:30-13:00 **HANDS-ON | ANATOMICAL MODELS** Rooms 1-2-3-4

Broadcasted at the Main Hall for auditor attendance

13:00-14:00 Lunch Break

Tuesday • January 23, 2018

14:00-17:00

HANDS-ON | ANIMAL LIVING MODELS

Rooms 1-2-3-4

*Broadcasted at the Main Hall for auditor attendance**24 working stations (2 trainees & 1 tutor per station)*

17:00-17:15

Coffee Break

17:15-18:15

SESSION VIII: VIDEO SESSION | Complex hydrocephalus

Main Hall

Chairperson: **Masakatsu Miyajima**Instructors: **Esperanza Arcas Navarrete, Chandrashekar Deopujari, Hans Delye, Ulrich W. Thomale***Each instructor presents 3 videos and is allotted 15'*

18:15-19:00

SESSION IX: CLINICAL CASES | Endoscopy and tumours (Part A)

Main Hall

Chairperson: **Spyros Sgouros**Instructors: **Memet Özek, Wan Tew Seow, Masakatsu Miyajima***Each instructor presents 3 cases and is allotted 15'*

Wednesday • January 24, 2018 / Endoscopy in tumour management

08:00-08:55	SESSION X: Endoscopy in tumour management Chairperson: Neelam Venkataramana	Main Hall
08:00-08:10	Hisayuki Murai: <i>ETV and posterior fossa tumours</i>	
08:15-08:20	Wan Tew Seow: <i>ETV in pineal tumours: indications, technique</i>	
08:25-08:35	Masakatsu Miyajima: <i>Tumour biopsy / removal: surgical technique</i>	
08:40-08:50	Sergey Gorelyshev: <i>EAM in craniopharyngiomas and suprasellar lesions</i>	
08:55-10:40	SESSION XI: Craniopharyngiomas – Miscellaneous Chairperson: Paolo Cappabianca	Main Hall
08:55-09:05	Davide Locatelli: <i>Craniopharyngiomas: indications to endoscopy</i>	
09:10-09:20	Hisayuki Murai: <i>Craniopharyngiomas: ventricular approach</i>	
09:25-09:35	Paolo Cappabianca: <i>Craniopharyngiomas: endonasal approach</i>	
09:40-09:50	Neelam Venkataramana: <i>Colloid cyst</i>	
09:55-10:05	Hans Delye: <i>Endoscopic repair of craniosynostosis</i>	
10:10-10:20	Kenichi Nishiyama: <i>Digital imaging in neuroendoscopy and next generation</i>	
10:25-10:35	Sandi Lam: <i>Endoscopic callosotomy and hemispherotomy</i>	
10:40-11:00	Coffee Break	
11:00-13:00	HANDS-ON ANATOMICAL MODELS <i>Broadcasted at the Main Hall for auditor attendance</i>	Rooms 1-2-3-4
13:00-14:00	Lunch Break	
14:00-17:00	HANDS-ON ANIMAL LIVING MODELS <i>Broadcasted at the Main Hall for auditor attendance 24 working stations (2 trainees & 1 tutor per station)</i>	Rooms 1-2-3-4
17:00-18:15	SESSION XII: VIDEO SESSION Craniopharyngiomas and tumours Chairperson: Neelam Venkataramana Instructors: Sergey Gorelyshev, Wan Tew Seow, Davide Locatelli, Kenichi Nishiyama <i>Each instructor presents 3 videos and is allotted 15'.</i>	Main Hall
18:15-19:00	SESSION XIII: CLINICAL CASES Endoscopy and tumours (Part B) Chairperson: Hisayuki Murai Instructors: Neelam Venkataramana, Hisayuki Murai, Sandi Lam <i>Each instructor presents 3 cases and is allotted 20'.</i>	Main Hall
19:00	End of Workshop	Main Hall

Sponsors & Acknowledgements

The Organizing Committee would like to thank the following companies for their support of the Workshop:

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