



5th International

Epilepsy Colloquium

IDEE-Lyon • UH Cleveland • Marburg/Munich



PEDIATRIC EPILEPSY SURGERY

20-23 May, 2012 | Cité internationale - LYON - France



The International Epilepsy Colloquia (IEC) represent a joint initiative of 3 major epilepsy centers, the CLEVELAND Case Western Reserve University in the USA, the MARBURG Epilepsie Zentrum in GERMANY and the LYON University Hospitals Institute for children and adolescents with epilepsy – IDEE, FRANCE (HCL).

Since 2008, Colloquia met a huge success and treated in depth major topics of clinical epileptology :

- The Mesial Temporal Lobe Epilepsies (MARBURG, June 2008)
- Pediatric Epilepsy Surgery (LYON, May 2009)
- Extra-Temporal Lobe Epilepsies (CLEVELAND, May 2010)
- Epilepsy Surgery for Remote Symptomatic Epilepsies (MARBURG, June 2011)

The program for the Colloquium in 2012 will focus again on the very challenging field of epilepsy surgery in children and adolescents. Presurgical evaluation indications and current knowledge on investigative tools will be discussed.

Drug treatments and natural evolution of the epileptic disorders will not be neglected.

The relevance and management of different etiologies will be at the centre of the Pediatric Epilepsy Surgery in Practice sessions.

Highly interactive sessions, poster discussions and the presence of a panel of world experts in the fields of Epileptology, Neurology, Pediatric Neurology, Neurosurgery, Neuropsychiatry, Neuropsychology and Epilepsy Nursing, are the guarantees of constructive debates.

The Claudio Munari Workshop will exceptionally be associated to the International Epilepsy Colloquium.



The Scientific and Organizing Committees of the 5th IEC and the 2012 Claudio Munari Workshop

INTERNATIONAL SCIENTIFIC COMMITTEE

Alexis ARZIMANOGLU (France)
Philippe KAHANE (France)
Philippe RYVLIN (France)
Hans LÜDERS (USA)
Felix ROSENOW (Germany)

and for the ILAE Task force
for pediatric epilepsy surgery
Helen CROSS (UK)
Hans HOLTHAUSEN (Germany)
Gary MATHERN (USA)

Also supported by
the ILAE Commission on European Affairs
the journal EPILEPTIC DISORDERS

FACULTY

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BOLTHUISEN Kim
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GLAUSER Tracy
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GUPTA Ajay
HAMMERS Alexander
HARKNESS William
HARVEY Simon
HERMANN Bruce
HIRSCH Edouard
HOLTHAUSEN Hans

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NEVILLE Brian
OSTROWSKY-COSTE Karine
PALMINI André
ROSENOW Felix
RYDENHAG Bertyl
RYVLIN Philippe
SAINTE-ROSE Christian
STROBL Karl
TASSI Laura
TAYLOR David
VAN NIEUWENHUISEN Onno

PROGRAM



SUNDAY May 20th

PEDIATRIC EPILEPSY SURGERY : HOW THE VIEWS HAVE CHANGED

PART I : LOST YEARS : MYTH OR REALITY ?

SYMPOSIUM 1 : New and Investigational Drugs in Epilepsy Surgery



MONDAY May 21st

Part II : CONTROVERSIES IN PRESURGICAL EVALUATION - SEMIOLOGY

Part III : CONTROVERSIES IN PRESURGICAL EVALUATION - ELECTROPHYSIOLOGY

Part IV : CONTROVERSIES IN PRESURGICAL EVALUATION - IMAGING

SYMPOSIUM 2 : Early management of Epileptic Encephalopathies

TUESDAY May 22nd

Part V - VIII : PEDIATRIC EPILEPSY SURGERY IN PRACTICE

Focal Cortical dysplasia type I; Focal Cortical Dysplasia type II; Tuberosus Sclerosis; Developmental tumors; Hypothalamic Hamrtoma; Heterotopias; Cavernomas; Porencephalic cysts; Post-encephalitis; MRI-NEGATIVE challenge

SYMPOSIUM 3 : Rescue drugs in epilepsy care



WEDNESDAY May 23rd

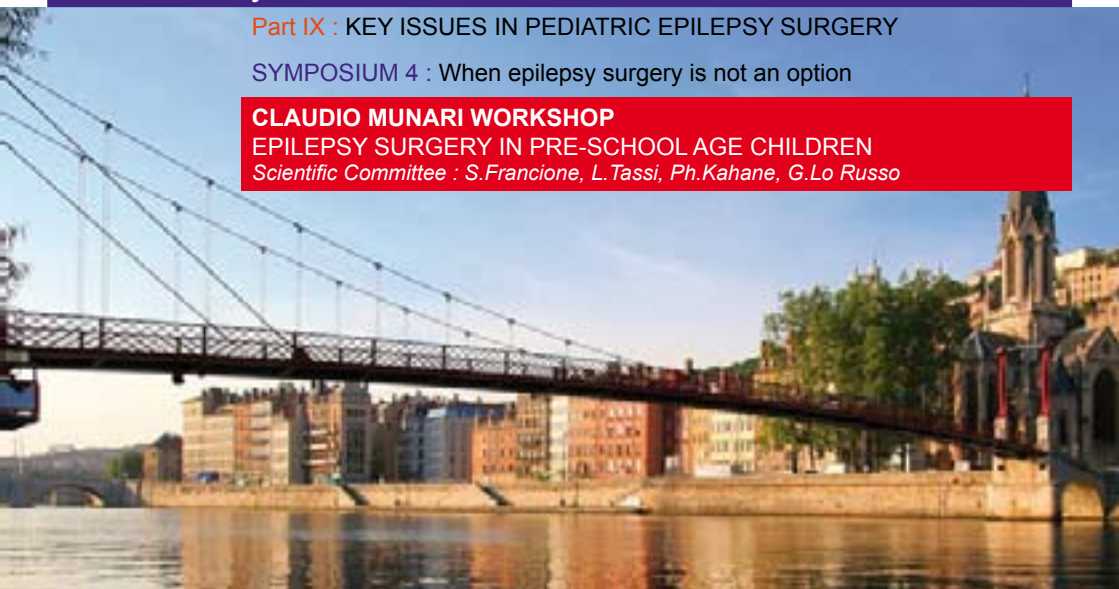
Part IX : KEY ISSUES IN PEDIATRIC EPILEPSY SURGERY

SYMPOSIUM 4 : When epilepsy surgery is not an option

CLAUDIO MUNARI WORKSHOP

EPILEPSY SURGERY IN PRE-SCHOOL AGE CHILDREN

Scientific Committee : S.Francione, L.Tassi, Ph.Kahane, G.Lo Russo





SUNDAY May 20th

14.00 OPENING LECTURE
N.Moshe (USA), President of the ILAE

14.30 Pediatric Epilepsy Surgery : How the views have changed
H.Holthausen (Germany)



PART I

LOST YEARS : MYTH OR REALITY

Chairs : F.Andermann (Canada), J.Aicardi (France)

15.15 How long does it take to become an epilepsy surgery candidate ?
A.Arzimanoglou (France)

15.45 Impediments that prolong epilepsy duration before referral for pre-surgical evaluation. Are you confident that you are doing good?
D.Taylor (UK)

16.15 To what extent epilepsy, seizures and AEDs in children alter cognition and behaviour?
B.Hermann (USA)

SYMPOSIUM 1

New and Investigational Drugs in Epilepsy Surgery

Chairs : H.Cross (UK), K.Ostrowsky-Coste (France)

17.15 Treating while waiting pre-surgical evaluation and/or surgery
E.Hirsch (France)

17.45 How should AEDs be managed just before and in the Epilepsy Monitoring Unit?
S.Claus (The Netherlands)

18.15 Time to stop following surgical success
K.Bolthuisen (The Netherlands)

18.45 How to reconsider treatment following surgical failures?
A.Gupta (USA)

20.30 WELCOME RECEPTION



MONDAY May 21st

Part II

CONTROVERSIES IN PRESURGICAL EVALUATION - SEMIOLOGY

Chairs : F.Bartolomei (France), L.Minotti (France)

- 08.00 Do hypermotor seizures always arise from the frontal lobe?
Ph.Kahane (France)
- 08.45 Can we differentiate versive seizures of the posterior cortex from those of the frontal lobe?
S.Francione (Italy)
- 09.30 Are hypomotor seizures of any localizing significance?
A.Fogarasi (Hungary)
- 10.15 *Coffee break and Visit of the posters*

Part III

CONTROVERSIES IN PRESURGICAL EVALUATION - ELECTROPHYSIOLOGY

Chairs : J.Gotman (Canada), P.Jayakar (USA)

- 10.45 How essential is EEG in the surgical management of MRI positive cases?
G.Mathern (USA)
- 11.30 Is magnetic and electric source imaging of any value in the presurgical evaluation of candidates for epilepsy surgery?
S.Lhatoo (USA)
- 12.15 Are HFOs a reliable marker of the epileptogenic cortex?
J.Gotman (Canada)
- 13.00 *Buffet lunch*

Part IV

CONTROVERSIES IN PRESURGICAL EVALUATION - IMAGING

Chairs : W.Gaillard (USA), A.Montavont (France)

- 14.00 Are other PET tracers more effective than FDG?
Ph.Ryvlin (France)
- 14.45 Does SISCOM help when the other non invasive investigations fail?
A.Hammers (France)
- 15.30 Is near-infrared spectroscopy of some help ?
M.Lassonde (Canada)
- 16.15 *Coffee break and Visit of the posters*

CONCLUSIONS ON PRESURGICAL EVALUATION

- 16.45 Evidence based guidelines for presurgical evaluation in pediatric epilepsy surgery?
H.Cross (UK)
- 17.15 How applying presurgical evaluation guidelines in developing centres ?
Round table : *P.Dimova (Bulgaria), A.G.Melikyan (Russia), ...*



PROGRAM



MONDAY May 21st - Continued

SYMPOSIUM 2

Early management of Epileptic Encephalopathies

Chairs : B.Neville (UK), J.De Bellecize (France)

18.15



From West syndrome to Epileptic Spasms

R.Guerrini (Italy)

18.45

Epileptic encephalopathies with predominantly drop attacks

T.Glauser (USA)

19.15

Continuous SW during slow wave sleep and related conditions

F.Jansen (The Netherlands)

Free Lyon evening



TUESDAY May 22nd

Part V

PEDIATRIC EPILEPSY SURGERY IN PRACTICE - I

Chairs : H.Holthausen, C.Sainte-Rose (France)

- 08.00 Focal cortical dysplasia type I : are large resections always mandatory?
P.Krsek (Czech Republic)
- 08.45 Focal cortical dysplasia type 2 : is ECoG sufficient?
A.Palmini (Brazil)
- 09.30 Tuberosus sclerosis : structuring a multiple approach
M.Duchowny (USA)
- 10.15 *Coffee break and Visit of the posters*

Part VI

PEDIATRIC EPILEPSY SURGERY IN PRACTICE - II

Chairs : W.Harkness (UK), M.Guenot (France)

- 10.45 Developmental tumors : is completeness of the lesion the only issue?
B.Rydenhag (Sweden)
- 11.30 Hypothalamic hamartomas : removal, disconnection, irradiation
or coagulation, what is the best option?
S.Harvey (Australia)
- 12.15 Heterotopias : are depth recordings always mandatory?
L.Tassi (Italy), L.Minotti (France)
- 13.00 *Buffet lunch*

Part VII

PEDIATRIC EPILEPSY SURGERY IN PRACTICE - III

Chairs : O.Delalande, E.Panagiotakaki (France)

- 14.00 Does the minimal resection for epileptogenic cavernoma must include
the hemosiderin ring?
F.Rosenow (Germany)
- 14.45 Scars and porencephalic cysts: can limited resections be effective?
K.Strobl (Germany)
- 15.30 Is epilepsy surgery a realistic option in post-encephalitis epilepsies?
P.Jayakar (USA)
- 16.15 *Coffee break and Visit of the posters*

Part VIII

PEDIATRIC EPILEPSY SURGERY IN PRACTICE - IV

Experts : L.Tassi (Italy), I.Tuxhorn (USA), F.Bartolomei (France), E.Hirsch (France)

- 16.45 The challenge of MRI NEGATIVE patients : Case 1
presented by K.Ostrowsky-Coste (France)
- 17.30 The challenge of MRI NEGATIVE patients : Case 2
presented by S.Francione, L.Tassi (Italy)
- 18.30

SYMPOSIUM 3

Rescue drugs in epilepsy care



PROGRAM



WEDNESDAY May 23rd

Part IX

KEY ISSUES IN PEDIATRIC EPILEPSY SURGERY

Chairs : M.Duchowny (USA), O.Van Nieuwenhuizen (The Netherlands)

- 08.30 What could be the impact of pathological classification systems for pediatric epilepsy surgery?
I.Blümcke (Germany)
- 09.00 Post-surgery behavioral issues: current knowledge and fears
A.Kanner (USA)
- Controversy : should a pediatric epilepsy surgery program be integrated with an adult program or stand alone?
- 09.30 The child epileptologist view
O.Van Nieuwenhuizen (The Netherlands)
- 10.00 The adult epileptologist view
H.Luders (USA)
- 10.30 *Coffee break*



SYMPOSIUM 4

When epilepsy surgery is not an option

Chairs : S.Chabardes, J.Isnard (France)

- 11.00 Identifying candidates and treating with VNS
L.Lagae (Belgium)
- 11.45 Are DBS or cortical stimulation realistic options in children?
M.Koubeissi (USA)
- 12.30 *Buffet - Lunch*



WEDNESDAY May 23rd - Continued

CLAUDIO MUNARI WORKSHOP

EPILEPSY SURGERY IN PRE-SCHOOL AGE CHILDREN

Scientific Committee : S.Francione, L.Tassi, Ph.Kahane, G.Lo Russo

Indications and diagnosis

Chairs : H.Cross (UK), Ph.Kahane (France)

- 14.00 Goals and challenges of epilepsy surgery in pre-school age children
I.Tuxhorn (USA)
- 14.30 Ictal Electro-clinical correlations: caveat and pitfalls in youngest children
A.Fogarasi (Hungary)
- 15.00 How to do neuroimaging in a developing brain
W.Gaillard (USA)
- 15.30 Is Stereo-EEG a reliable tool in very young children?
M.Cossu (Italy)
- 16.00 *Coffee break*
- #### Surgical treatment and results
- Chairs : W.Harkness (UK), S.Francione (Italy)*
- 16.30 Hemispherotomy versus subtotal hemispheric resections :
when doing large early?
H.Holthausen (Germany)
- 17.00 Surgical Treatment in epileptic spasms
R.Mai (Italy)
- 17.30 Is Surgery a reliable treatment for drug-resistant Epileptic Status in infancy?
G.Mathern (USA)
- 18.00 Surgical outcome in pre-school age : an overview
G.Lo Russo (Italy)
- 18.30 DISCUSSION
- 19.00 END OF THE Claudio Munari WS 2012



Claudio MUNARI



DATES TO REMEMBER

CALL FOR ABSTRACT

- **OPENING DATE** : *December 12th 2011*
- **DEADLINE FOR SUBMISSION** : *March 12th 2012*

To submit an abstract, please go to : www.IEC2012LYON.com

REGISTRATION

- **OPENING DATE** : *February 2012*
- **EARLY BIRD REGISTRATION DEADLINE** : *April 20th 2012*

USEFUL CONTACTS

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