



AIMS

The course will focus on drug-resistant epilepsy caused by focal cortical dysplasias and will provide full updated information on all aspects of the subject. It is addressed to medical doctors involved in the different stages of the diagnostic and therapeutical process, to neurophysiopathology technicians involved in the diagnostic process and monitoring during surgical treatment, and to nurses assisting patients affected by drug-resistant epilepsy due to focal cortical dysplasias during diagnosis, therapy and after surgery. The format include lectures, plenary discussions and discussion of clinical cases.

REGISTRATIONS

Up to 50 participants - clinicians, geneticists, pathologists, radiologists, surgeons, technicians and nurses - will be admitted.

Deadline for registration: **October 28, 2016**

Registration fees: Medical Doctor euros 220, Students euros 80, Technicians and Nurses euros 110.

Participants will be asked to sign in and out, to fill in a quality assessment questionnaire and, if interested in Italian CME credits, take a written multiple choice test.

OFFICIAL LANGUAGE

Italian with slides in English.

VENUE

CISEF Gaslini, Via Romana della Castagna, 11 A - 16148 Genova

Details at http://www.cisef.org/sede_find_us.php

ACCOMMODATION

AC HOTEL - Corso Europa, 1075 16148, Genova - Tel. 0039 010 3071180 - Fax 0039 010 3071275

acgenova@ac-hotels.com - <http://it.ac-hotels.com>

HOTEL IRIS - Via Gabriele Rossetti, 3-5 16148 Genova - Tel. 010 376 0703 - <http://www.hoteliris.it>

EPILEPSY SURGERY FOR FOCAL CORTICAL DYSPLASIAS IN THE PEDIATRIC AGE

December 1-2, 2016

CISEF Gaslini, Genoa, Italy

COURSE DIRECTORS

Armando Cama

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Giorgio Lo Russo

Chief, Center for Epilepsy Surgery, Niguarda Hospital, Milan, Italy

SCIENTIFIC COMMITTEE

Alessandro Consales,

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LOCAL ORGANIZING COMMITTEE

Maria Giuseppina Baglietto, Paola Lanteri, Maria Margherita Mancardi, Pasquale Striano, Stella Vari

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CON IL PATROCINIO DI



Organizing Secretariat

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Event Number 456-856164110 - Italian CME credits (11) for Medical Doctors (Neurochirurgia, Neuropsichiatria infantile, Neurologia, Pediatria, Neurofisiopatologia, Neuroradiologia, Medicina Nucleare, Anatomia Patologica, Genetica Medica) Neurophysiopathology Technician, Radiology Technician, Nurse, Paediatric Nurse

PROGRAM

Thursday 1st

- 8:15 Registration
 8:50 Welcome address
 9:00 Background - *A. Cama*
- Session I** - Chairs: *V. Capra, G.A. Ottonello, F. Zara*
 9:10 Embryological development of cerebral cortex and physiopathology of FCD-related epilepsies
R. Spreafico
 9.30 Classification of focal cortical dysplasias - *E. Aronica*
 9.50 Associated pathologies: FCD III, double and dual pathologies - *P. Nozza*
 10.10 Basic mechanisms of epileptogenicity in FCDs - *M. de Curtis*
 10.30 FCD and drug-resistance - *F. Villani*
 10.50 Discussion
 11.10 Coffee break

- Session II** - Chairs: *D. Audenino, A. Ferrari, G.L. Mancardi*
 11:30 Introduction to the surgical approach to FCD: strategies of patient's selection and management
L. Tassi
 11.50 The relationships between focal cortical dysplasias and the epileptogenic zone - *S. Francione*
 12.10 Neuropsychology - *F. M. Battaglia*
 12.30 Discussion
 13.00 Lunch

- Session III** - Chairs: *F. Nobili, A. Rossi, C. Serrati*
 14.00 Diagnostic morphologic neuroimaging: Magnetic Resonance Imaging- *G. Morana*
 14.20 fMRI and DTI: specific pediatric issue - *D. Tortora*
 14.40 Ex vivo imaging: 7T MRI - *Roberto Spreafico*
 15.00 Nuclear neuroimaging: PET, SPECT - *Catherine Chiron*
 15.20 Discussion
 15.50 Coffee break

- Session IV** - Chairs: *M.M. Mancardi, P. Striano, L. Siri*
 16.10 Video-EEG recording: indications and standard procedures - *M.G. Baglietto, G. Prato*
 16.30 Invasive EEG: subdural electrodes - *G. Di Gennaro*
 16.50 Invasive EEG: Stereo-EEG - *M. Cossu*
 17.10 Electrophysiological patterns of FCDs: scalp and intracerebral data - *L. Nobili*
 17.30 MEG and EEG-fMRI - *F. Panzica, S. Meletti*
 18.00 Discussion

PROGRAM

Friday 2nd

- Session V** - Chairs: *A. Cama, C. Minetti, E. Veneselli*
 9.00 Presurgical planning: multimodal image post-processing and co-registration - *F. Cardinale*
 9.20 Surgical options: from lesionectomy to large resections and disconnections - *G. Lo Russo*
 9.40 Neurophysiological intraoperative monitoring and mapping - *P. Lanteri*
 10.00 FCD in eloquent areas: functional evaluation and surgical strategies - *M. Cossu*
 10.20 Seizure outcome in surgery for FCD-related epilepsy - *F. T. Mangano*
 10.40 Postoperative short and long-term functional outcome in the developmental age - *A. Consales*
 11.00 Discussion
 11.30 Coffee break
 12.00 Diagnostic and therapeutic flow-chart: management of pediatric patients with suspected focal cortical dysplasia - *G. Lo Russo*
 12.20 Italian CME test
 12.30 Customer satisfaction questionnaire

FACULTY

Aronica Eleonora	Amsterdam	Meletti Stefano	Modena
Audenino Daniela	Genova	Minetti Carlo	Genova
Baglietto Maria Giuseppina	Genova	Morana Giovanni	Genova
Battaglia Francesca Maria	Genova	Nobili Flavio Mariano	Genova
Cama Armando	Genova	Nobili Lino	Milano
Capra Valeria	Genova	Nozza Paolo	Genova
Cardinale Francesco	Milano	Ottonello Gian Andrea	Genova
Chiron Catherine	Paris	Panzica Ferruccio	Milano
Consales Alessandro	Genova	Prato Giulia	Genova
Cossu Massimo	Milano	Rossi Andrea	Genova
De Curtis Marco	Milano	Serrati Carlo	Genova
Di Gennaro Giancarlo	Pozzilli, IS	Siri Laura	Savona
Ferrari Alessandra	Genova	Spreafico Roberto	Milano
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