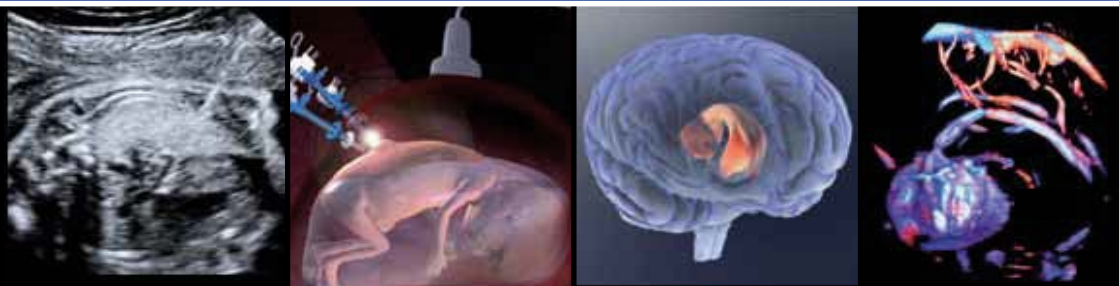


An ISUOG Advanced Course



**HOT TOPICS & CONTROVERSIES
IN FETO-MATERNAL MEDICINE**

SCIENTIFIC PROGRAM

Genova | Magazzini del Cotone

SIEOG

COURSE OBJECTIVE

The course has three components. The first part focuses on the sonographic expert diagnosis of complex CNS, cardiac and genital malformations. These organs are difficult to explore and, hence, the need for an “how to...” in order to reach a final diagnosis and make as detailed as possible prognosis assessment. To this extent, this part includes a session on CNS MR, to clarify the diagnostic flowchart. Live Demos of clinical cases will thoroughly illustrate the technique for assessing the various organs mentioned above. The second part of the course deals with the current controversy of open vs endoscopic repair of spina bifida. Worldly known experts will present their data and illustrate pros and cons of the different approaches. The third part of the course includes three debates on some hot topics of Materno-Fetal Medicine, such as preeclampsia screening, CF-DNA vs universal invasive diagnosis for fetal genetic conditions and potential and current guidelines on cord blood stem cells banking.

OBIETTIVO DEL CORSO

Il corso è diviso in tre parti. La prima parte tratta della diagnosi e caratterizzazione di anomalie cerebrali complesse, anomalie cardiache e genitali. Questi organi/apparati sono difficili da visualizzare ecograficamente e da qui scaturisce l'esigenza di sessioni dedicate a “How to...” per eseguire una diagnostica adeguata ed una formulazione prognostica corretta. Anche per questo, vi è una sessione sulla RM fetale per chiarire il percorso diagnostico ideale per malformazioni cerebrali. Demo Live di casi clinici integreranno questa parte del corso. La seconda parte fa il punto sul trattamento in utero della spina bifida. In particolare, se sia meglio un approccio open ovvero quello endoscopico. Esperti mondiali del campo presenteranno i loro dati e permetteranno una discussione illuminata sui differenti approcci. La parte finale del corso invece presenta tre dibattiti su temi controversi di Medicina Materno-Fetale, come lo screening della preeclampsia, la diagnosi delle condizioni genetiche (CF-DNA vs universal invasive diagnosis) e le attuali linee guida sulle cellule staminali del sangue cordonale.

ECM

Evento ID: **231782** Crediti assegnati: **4,8**

Obiettivo formativo dell'evento:

Linee Guida - Protocolli - Procedure

Professioni accreditate: **Medico Chirurgo**
(Ginecologia e Ostetricia, Radiodiagnostica, Cardiologia, Genetica Medica)

Si rammenta ai partecipanti all'evento che l'acquisizione dei crediti formativi ECM è subordinata alla effettiva partecipazione ad

almeno il 90% del programma formativo ed alla verifica del test di apprendimento (superamento del questionario con una percentuale di risposte corrette non inferiore al 75% del totale delle domande).

Questionario ECM

Symposia ha attivato la compilazione del “QUESTIONARIO ONLINE”.

Istruzioni complete in sede e sul sito ufficiale:



COURSE DIRECTOR
DIRETTORE DEL CORSO
Dario **Paladini** (Genova)

INVITED SPEAKERS
RELATORI INVITATI
Roee **Birnbaum** (Tel Aviv)
Sveva **Bollini** (Genova)
Renato **Borgatti** (Bosisio Parini)

Tiziana **Frusca** (Parma)
Francesca **Grati** (Milano)
Ambra **Iuculano** (Cagliari)
Mario **Lituania** (Genova)
Mohamad **Maghnie** (Genova)
Gustavo **Malinger** (Tel Aviv)
Maurizio **Marasini** (Genova)
Pasquale **Martinelli** (Napoli)
Girolamo **Mattioli** (Genova)
Luca **Mazzone** (Zurich)
Giovanni **Monni** (Cagliari)
Antonio **Novelli** (Roma)
Dario **Paladini** (Genova)
Denise **Pedreira Lapa** (Sao Paulo)
Nicola **Persico** (Milano)
Gianluca **Piatelli** (Genova)
Luca **Ramenghi** (Genova)
Andrea **Rossi** (Genova)
Fabrizio **Taddei** (Rovereto)
Giulia **Tuo** (Genova)
Yves **Ville** (Paris)
Paolo **Volpe** (Bari)

SCIENTIFIC SECRETARIAT
SEGRETERIA SCIENTIFICA
Dario **Paladini**, Davide **Buffi**,
Gloria **Donarini**, Daniela **Pastorino**

UOSD di Medicina e Chirurgia Fetale,
IRCCS Istituto G. Gaslini
L.go Gerolamo Gaslini, 5 - 16147 Genova
T +39 010-56363482/83
E dpaladini49@gmail.com

13.00 Registration
14.00 Course Opening

SESSION I

CNS I. DIFFICULT DIAGNOSIS AND... IMPOSSIBLE COUNSELING

Chairs: **D. Paladini**, **L. Ramenghi**

14.15 Fetal Neurosonography. How to...
D. Paladini

14.35 **LIVE DEMO 1**

 The hidden anatomy
of the fetal brain. **G. Malinger**

15.05 Which mild ventriculomegaly is...
scary? **P. Volpe**

15.25 Thick or hypoplastic corpus
callosum. Neurosonographic
diagnosis. **G. Malinger**

15.45 And now? Prenatal counseling for
thick or hypoplastic CC. **R. Borgatti**

16.15 *Discussion*

16.30 Coffee Break

SESSION II

CNS II. COMPLEX ANOMALIES OF THE POSTERIOR FOSSA

Chairs: **M. Lituania**, **F. Taddei**

16.45 **LIVE DEMO 2**

 Neurosonographic
assessment of the posterior fossa
D. Paladini

17.15 The differential diagnosis of
DWM, VH & BPC. **D. Paladini**

17.35 Normal vs abnormal
fetal brainstem. **R. Birnbaum**

17.55 Prognosis of cystic vermian
anomalies: the more we look, the
less we know... **R. Borgatti**

18.25 *Discussion*

SESSION III

SPINA BIFIDA REPAIR.

Chairs: D. Paladini, A. Rossi

08.30 LIVE DEMO 3



Spine and spinal cord.

M. Lituania

08.50 MOMs trial. The milestone.

D. Paladini

09.05 Keynote Lecture

Open repair: pros and cons.

L. Mazzone

09.35 Keynote Lecture

Endoscopic repair. Review of techniques and materials.

A rationale way to go: watertight endoscopic repair. **D. Pedreira Lapa**

10.05 What next...? Emerging problems

for the neurosurgeon. **G. Piatelli**

10.25 *Discussion*

10.45 Coffee Break

SESSION IV

CNS III. MR & CHALLENGING DIAGNOSIS

Chairs: M. Lituania, P. Volpe

11.10 LIVE DEMO 4



CSP, diencephalon and mesencephalon

R. Birnbaum

11.30 MR basics for OBs. Terminology and “real” indications. **A. Rossi**

11.50 The nightmare of the cavum septi pellucidi...how to check it? **D. Paladini**

12.10 Keynote Lecture

Joubert and PHACE syndrome.

Can we reach a diagnosis by neurosonography only? **G. Malinger**

12.45 Microcephaly and macrocephaly diagnostic criteria and differential diagnosis. **R. Birnbaum**

13.05 *Discussion*

13.15 Lunch

SESSION V

FETAL HEART I.

SMALL ANOMALIES... BIG RISKS

Chairs: A. Iuculano, M. Marasini

14.30 Persistent left superior vena cava. Variants and risks. **P. Volpe**

14.50 2nd trimester ARSA in the era of the NT/CF-DNA screening. Does it matter anymore? **R. Birnbaum**

15.10 Are extra-systolic beats always benign? How to monitor?

M. Marasini

15.30 Redundant foramen ovale flap. Does it matter?

D. Paladini

15.50 *Discussion*

16.00 Coffee Break

SESSION VI

FETAL HEART II.

Chairs: R. Birnbaum, D. Paladini

16.30 The “Expert touch”: subtleties that impact on the prognosis.

M. Marasini

16.50 Critical aortic stenosis. Update on prenatal balloon valvuloplasty.

G. Tuo

17.10 LIVE DEMO 5

Early cardiac assessment.

P. Volpe

17.30 Weird hearts. Bari. **P. Volpe**

17.45 Weird hearts. Genova. **D. Paladini**

18.00 *Discussion*

SESSION VII

AMBIGUOUS GENITALIA AND HYPOSPADIA

Chairs: P. Martinelli, G. Monni

08.30 Ambiguous genitalia.
Genetic and metabolic causes.

M. Maghnie

08.50 Sonographic diagnosis.
When? What?

D. Paladini

09.10 Micropenis & hypospadias.
Surgical approach.


G. Mattioli

09.30 *Discussion*

SESSION VIII

DEBATES. GENETICS, PREECLAMPSIA AND COSTS

09.40 Introduction to debates
and voting system D. Paladini

 **Debate 1** – Cord blood stem cells banking. Autologous vs donation? Is there any real use NOW for stem cells?

Chairs: T. Frusca, D. Paladini,

09.50 **Special Lecture.** Autologous banking vs donation. Current guidelines and experts' opinions.

Y. Ville

10.20 **Special Lecture.** Clinical use of cord stem cells: what is being done and what comes next. S. Bollini

10.50 *Discussion & Voting*


 **Debate 2** – Fetal genetic anomalies: invasive diagnosis vs CF-DNA

Chairs: D. Paladini, P. Volpe

11.00 CF-DNA+NT for everybody: reduction of invasive-related miscarriages. F. Grati

11.20 Invasive diagnosis & cGH-Array for everybody. A. Novelli

11.40 *Discussion & Voting*

 **Debate 3** – Pre-eclampsia screening & prophylaxis: Effectiveness vs costs.

Chairs: P. Martinelli, P. Volpe

12.10 The ASPRE study. 12w screening is effective and allows to treat women at risk, dramatically decreasing the incidence of the diseases. N. Persico

12.30 ...what if we adopt a universal prophylaxis approach? A costeffectiveness analysis.

T. Frusca

12.50 *Discussion & Voting*

13.00 CME test and goodbye

HOT TOPICS & CONTROVERSIES IN FETO-MATERNAL MEDICINE
Genova
Magazzini del Cotone

ACKNOWLEDGEMENT

RINGRAZIAMENTI

GE Healthcare



SAMSUNG



GEDEON RICHTER



CONGRESS VENUE SEDE CONGRESSUALE

Magazzini del Cotone
Modulo 10
Via Magazzini del Cotone 19
16128 Genova



PORTO ANTICO DI GENOVA

ORGANIZING SECRETARIAT SEGRETERIA ORGANIZZATIVA

SYMPO^{SIA}

ORGANIZZAZIONE CONGRESSI

Symposia Organizzazione Congressi Srl
Palazzo del Melograno
Piazza Campetto, 2/8 - 16123 Genova
T 010 255146 **F** 010 2770565
E symposia@symposiacongressi.com
W www.symposiacongressi.com