



Wednesday 21 November

ADVANCED COURSE ON OBSTETRICS ULTRASOUND

From screening to diagnostic. From theory to daily practice

Chaired by:

SIEOG

Società Italiana di Ecografia Ostetrico Ginecologica e Metodologie Biofisiche

This course shall teach the methods of carrying out a screening and diagnostic examination of the fetal heart and brain on both a theoretical and practical level.

At the same time, it shall describe the different reasons for performing an echocardiography and / or fetal neurosonography.

Furthermore, it shall highlight the current possibilities of evaluating the anatomy of the fetus during the first trimester of pregnancy and using new technologies, both from a theoretical and practical point of view.



08.30 am - 08.45 am Welcome to participants

1st TRIMESTER OF PREGNANCY

Chairs: N. Persico, P. Volpe

08.45 am - 09.10 am Correct approach to the 1st trimester ultrasound: evaluation of fetal anatomy - *A. Iuculano*

09.10 am - 09.35 am Which fetal malformations must or may be highlighted in the 1st trimester - *N. Persico*

09.35 am - 10.00 am Transitory diseases of the 1st trimester. Their meaning and management - *G. Rembouskos*

10.00 am - 10.45 am Live procedures: The evaluation of fetal anatomy in the 1st trimester

FETAL BRAIN

Chairs: V. D'Addario, G. Monni

10.45 am - 11.10 am Correctly performed screening ultrasound of fetal brain malformations. Limits and errors to avoid
G. Campobasso

11.10 am - 11.35 am Fetal neurosonography methods. Tips and tricks
T. Ghi

11.35 am - 12.00 pm When resort to Fetal Magnetic Resonance.
A. Vimercati

12.00 pm - 12.45 pm Live procedures: From screening to fetal neurosonography execution

12.45 pm - 01.30 pm **Lunch Symposium:** Una Gioia Sicura. Un confronto clinico in relazione alle tecniche e alle nuove soluzioni per migliorare la chiusura nel parto cesareo.



FETAL HEART*Chairs: G. Rembouskos, V. De Robertis*

- 01.30 pm - 01.55 pm Ultrasound evaluation of fetal heart in 1st and 2nd trimester: Which differences - *V. De Robertis*
- 01.55 pm - 02.20 pm Fetal neurosonography methods. Tips and tricks
P. Volpe
- 02.20 pm - 02.45 pm Congenital heart disease that cannot be detected in the 2nd trimester - *T. Ghi*
- 02.45 pm - 03.30 pm Live procedures: From screening to fetal echocardiography
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US-3D/4D AND FETAL ANATOMY*Chairs: T. Ghi, C. Votino*

- 03.30 pm - 03.55 pm 3D examination of the fetal brain: Changes the acquisition of the volume according to the anatomical structures to be examined - *V. D'Addario*
- 03.55 pm - 04.20 pm 2D and 3D evaluation of the fetal face: Changes
T. Fanelli
- 04.20 pm - 04.45 pm 2D and 4D evaluation of the cardiovascular system. Differences - *C. Votino*
- 04.45 pm - 05.30 pm Live procedures: Studying the fetus in 3D and 4D
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- 05.30 pm End of the course

