



**International School of Ultrasound
in Obstetrics and Gynecology "Paolo Mascagni"**
Workshop on: US Monitoring of fetal growth

27-28 June, 2014 - 26-27 September, 2014 - Siena, Italy



**UNIVERSITÀ
DI SIENA**
1240

Aim of the conference

The ultrasound scan is currently considered to be a safe, non-invasive, accurate and cost-effective investigation for the fetus. Progressively it has become an indispensable obstetric tool and plays an important role in the care of every pregnant woman.

Monitoring of fetal growth is fundamental in modern perinatology, because it is strictly related to fetal/neonatal wellbeing. Moreover, the identification of abnormal intrauterine growth patterns enables better pregnancy management. Ultrasound is the most important investigation technique in fetal growth. Indeed, the sonographic detection of fetal biometric parameters is the basis for both an accurate gestational age assessment and a correct identification of intrauterine growth abnormalities (as fetal growth restriction and fetal macrosomia). Ultrasound estimation of fetal weight (EFW) is now regarded as an important clinical tool.

The aim of this course is to give a complete understanding of the actual role of ultrasound in determining fetal growth, weight and well-being.

Several key aspects will be covered to better achieve a good diagnostic accuracy of fetal growth disorders (SGA fetuses, macrosomia, IUGR).

Moreover, a new method for estimating fetal weight, based on an artificial neural network, will be clinically presented and tested (Fetal Weight Index).

The ultrasound obstetric examinations will be performed on pregnant women in different periods of gestation (second and third trimester) using a transabdominal approach implemented by Doppler velocimetry (color/power) and 3D-4D modules.

Appropriate technical background and qualified personnel are present to provide cost-effective care.

Guided practical activity. The learning pathway will take place through the execution of:

1. theoretical learning sessions about interactive ultrasound,
2. practical sessions using the latest generation of technologically advanced ultrasound equipment.

Each examination will be performed by a trainee under the direct supervision of a tutor who is highly experienced in ultrasound. The examinations will be performed on women in different periods of pregnancy and on gynecological patients, by endovaginal and transabdominal approaches, using B-mode, three- and four-dimensional modules, and color / power Doppler velocimetry.

Learning objectives

At the end of each course, participants will be able to:

- recognize the different sonographic features which they will have to face in the clinical practice
- apply the correct criteria to optimise the acquisition of fetal biometry and estimate fetal weight
- identify the role and indications of 3D/4D ultrasound in obstetrics

Target audience

Physicians working in the specialist field of ultrasound and obstetrics who want to improve their knowledge and techniques.

We value your opinion!

We are continually trying to develop and improve our educational initiative to provide you with cutting-edge learning activities. Before and after this educational event you will be asked to answer to an online survey to help to better tailor our future educational initiatives.

We thank you for participating!

Accreditation

An application has been made to the EACCME ® for CME accreditation of the EXCEMED **"International School of Ultrasound in Obstetrics and Gynecology "Paolo Mascagni" Workshop on: US Monitoring of fetal growth"** on 27-28 June, 2014 - 26-27 September, 2014 - Siena, Italy.

EXCEMED adheres to the principles of the Good CME Practice group.



General information

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Scientific programme

Scientific Programme

Friday, 27 June, 2014 - Friday, 26 September, 2014

08.30 Welcome and presentation of the objectives of the course

Session I

09.15 Four ultrasound examinations.

12.15 Lecture on ultrasound and fetal growth

13.30 Lunch

Session II

14.30 Five ultrasound examinations

18.15 Time for questions and end of the session

Scientific Programme

Saturday, 28 June, 2014 - Saturday, 27 September, 2014

Session III

- 08.30** Presentation of cases
- 09.00** Four ultrasound examinations
- 13.00** Conclusions and end of the course

General information

Dates

27-28 June, 2014

26-27 September, 2014

Venue

Policlinico "Santa Maria alle Scotte", Viale Bracci

Section of Obstetrics and Gynecology

IV Block – Floor 5s

Centro Interdipartimentale "Benessere Donna"

(Women's Health Center - room n. 1)

Centro di Medicina Materno-Fetale

(Maternal-Fetal Medicine Center - room n. 4)

53100 Siena, Italy

Language

The official language of the conference will be English.

Registration fee

The registration fee is EUR 600,00.

This fee includes:

- Scientific session
- Educational material
- Certificate of attendance

For any registration and accommodation need please contact:

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