

ISUOG Education 2010

Congenital anomalies & fetal echocardiography

Course directors: *Rabih Chaoui (Germany)*
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Gianluigi Pilu (Italy)
Basky Thilaganathan (UK)



Royal College of
Obstetricians and
Gynaecologists

Setting standards to improve women's health

Dates:

5 – 6 February 2010

Location:

RCOG, 27 Sussex Place, Regent's Park, London, NW1 4RG

Fees:

£270 (includes lunch and refreshments)
10% discount for ISUOG & RCOG members

Learning Objectives:

This is an advanced level course which builds on the previous basic to intermediate course. At the end of the course delegates are expected to:

1. Know the principles, potential and limitations of fetal neurosonography
2. Recognise and differentiate complex anomalies of the lungs, heart and kidneys and understand their clinical implications
3. Recognise fetal anomalies that can be diagnosed at the 11–13-weeks'-scan
4. Know the types of fetal malformations that are most frequently found in fetuses with increased nuchal translucency and normal karyotype
5. Differentiate true malformations from common anatomical variants
6. Know the state of the art in fetal surgery for thoracic and cardiac malformations

CME:

12 RCOG CPD credits
EACCME applied for

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Preliminary Program

Friday 5 February - Congenital anomalies

08:15 Introduction and orientation *G. Pilu (Italy)*

Neurosonography

08:45 Ventriculomegaly *A. Papageorgiou (UK)*

09:30 Agenesis of the corpus callosum and septum pellucidum *B. Tutschek (Switzerland)*

10:15 Coffee

10:45 Anomalies of the posterior fossa *G. Pilu*

11:30 Neural tube defects *B. Tutschek*

12:15 Destructive cerebral lesions *G. Pilu*

12:30 Discussion

13:00 Lunch

14:00 Cerebral anomalies diagnosable at 11-13 weeks *R. Chaoui (Germany)*

Urinary tract

14:45 Urinary tract enlargement *A. Papageorgiou*

Thoracic anomalies

15:30 Diagnosis and management of diaphragmatic hernia *K. Nicolaidis (UK)*

16:30 Coffee

16:50 Cystic lungs *B. Thilaganathan (UK)*

17:30 Diagnosis and management of pleural effusion *B. Thilaganathan*

18:10 Discussion

18:30 Clinical cases

19:30 Close

Saturday 6 February - Fetal echocardiography

08:30 Welcome and introduction *R. Chaoui (Germany)*

Screening and cardiac examination

08:35 Beyond ISUOG guidelines: expert approach to screening and diagnosis of cardiac lesions *D. Paladini (Italy)*

08:55 Discussion

The left ventricle in the fetus - lesions, prognosis & rationale for fetal intervention

09:00 Hypoplastic left heart syndrome & critical aortic stenosis *R. Chaoui*

09:20 Aortic coarctation *D. Paladini*

09:40 Current outcome for LVOT obstructions and rationale for in utero intervention
L. Allan (UK)

10:00 Discussion

10:20 Coffee

Differential diagnosis

10:50 The heart in the right chest *R. Chaoui*

11:10 Moderate ventricular disproportion *D. Paladini*

11:30 The univentricular heart *L. Allan*

11:50 The overriding aorta *J. Carvalho (UK)*

12:10 VSD or not VSD? *D. Paladini*

12:25 Discussion

12:45 Lunch

First trimester

13:45 Performing first trimester fetal echo (TA & TV) *J. Carvalho*

14:00 Cardiac anomalies associated with increased NT *L. Allan*

14:15 Early detection of extra cardiac anomalies *R. Chaoui*

14:30 Discussion

14:45 Coffee

The fetal venous system and others

15:15 Sequential anatomy and situs abnormalities *J. Carvalho*

15:35 How to study pulmonary and systemic returns in the fetus *D. Paladini*

15:55 Abnormal pulmonary and systemic venous returns *R. Chaoui*

16:15 Deletion 22q11 in the fetus (CATCH-22) *R. Chaoui*

16:35 Discussion

16:55 Quiz *R. Chaoui*

17:30 Close