

Fetal medicine course:



CONGENITAL MALFORMATIONS:

Pre and postnatal care
as a team performance

A two day course on October 13th
and 14th 2022 at the Erasmus
University Medical Center,
Rotterdam, the Netherlands

Live and online participation possible



Erasmus MC
Universitair Medisch Centrum Rotterdam



Target group: gynaecologists, paediatricians, clinical geneticists, fetal medicine physicians (trainee)

INTRODUCTION



Fetal ultrasound as a screening test and diagnostic tool is part of regular antenatal care. If a structural congenital malformation or another (fetal) abnormality is diagnosed, a period of uncertainty starts for the future parent(s). For most of them it is very important to get information about the prognosis of their future child. Not only do they want to know what the current condition of their baby is, but they also want to know what to expect during the first year(s) after birth, including the meaning of the final diagnosis, the possibility of treatment, the lifelong health problems for their child, and the impact on their whole family.

The first professional, who tells them there is something wrong, plays a significant role. For that reason the ultrasonographer / fetal medicine specialist not only needs to have the knowledge and skills to make the right (differential) diagnosis. It is also important to have knowledge regarding postnatal care, treatment and outcome.

Our philosophy is that fetal medicine is a team performance to give the (unborn) child and the parent(s) the best care, in a prenatal and postnatal continuous way.

In this two-day course prenatal diagnosis is linked to prenatal diagnosis to postnatal care and long term outcome. During the first day we will focus on urological, kidney and genital malformations. The second day we will discuss polyhydramnios in relation to congenital and genetic malformations and in addition our focus will be on congenital diaphragmatic hernia and congenital heart malformations. During both days we will discuss the physiology, prenatal diagnosis, treatment options and the impact on the life course of the future child.

Experienced speakers, working within the prenatal, pediatric or genetic field, will provide the lectures. At the end of the first day a dinner, where participants and speakers can meet, is included.

The program added is the intended program, changes might be possible.



Dr I.A. Brussé, Maternal Fetal Medicine Specialist
Dr T.E. Cohen-Overbeek, Fetal Medicine Specialist
Dr J.M.J. Cornette, Maternal Fetal Medicine Specialist
Dr A.T.J.I. Go, Maternal Fetal Medicine Specialist
Dr S.C. Husen, Fetal Medicine Specialist
Dr N.C.J. Peters, Fetal Medicine Specialist
Dr M. Rousian, Maternal Fetal Medicine Specialist



PROGRAM AND SPEAKERS

Day 1 | Thursday October 13th 2022



9:30-9:45	Introduction	Dr A.T.J.I. Go
9:45-10:05	Introduction OPUS Ultrasound simulator	Dr I.A. Brussé
10:05-10:30	Urologic Prenatal diagnosis of early abnormal renal development & associated pathology	Dr S. Galjaard
10:30-10:55	Prenatal diagnosis of renal pathology associated with oligohydramnios	Dr G.M. Eggenhuizen
10:55-11:30	Coffee break (OPUS)	
11:30-11:55	Transition and pulmonary implications in the neonate with severe renal pathology	Dr R. Knol
11:55-12:25	Parental counseling & treatment of the infant with severe renal pathology	Dr J. Mulder
12:25-13:30	Lunch break (OPUS)	
13:30-13:50	A large bladder in the 1 st trimester, what to expect	Dr C.S. Pietersma
13:50-14:25	Prenatal diagnosis of obstructive uropathy	Prof. Dr C.M. Bilardo
14:25-14:55	Parental counseling & treatment of the infant with urogenital pathology	Dr J. van den Hoek
14:55-15:30	Tea break (OPUS)	
15:30-16:00	Genital variations Prenatal diagnosis of an abnormal genital appearance	Dr I.A.L. Groenenberg
16:00-16:30	Genetic approach to prenatal abnormal genital development	Dr H. Syryn
16:30-17:00	Parental counseling, management of the neonate and treatment options of infants with an abnormal genital development	Prof. Dr A.F. Spinoit
17:00-17:15	Summary Lessons learned	Dr A.T.J.I. Go
17:15-17:30	QUIZ	Dr A.T.J.I. Go
18:30	Informal diner with participants and faculty in Rotterdam.	



PROGRAM AND SPEAKERS

Day 2 | Friday October 14th 2022



8:30-8:50	Congenital Diaphragmatic Hernia	Dr N.C.J. Peters
8:50-9:10	Prenatal diagnosis of congenital diaphragmatic hernia (CDH)	Dr P.L.J. Dekoninck
9.10-9.30	Prenatal treatment options and perinatal management in CDH	Prof. Dr A. Greenough
9:30-9:50	Early respiratory management in the neonate with CDH	Dr S.C.M. Cochius- den Otter
9:50-10:10	Management of pulmonary hypertension in CDH including ECMO	Dr S.J. Gischler
10:10-10:30	Long-term outcome following treatment for CDH	Dr J. M. Schnater / Dr L.S.J. Kamphuis
10:10-10:30	Surgical treatment for CDH from neonate to adulthood	
10:30-11:00	Coffee break (OPUS)	
11:00-11:20	Genetics in prenatal diagnosis	Dr T.E. Cohen-Overbeek
11:20-11:40	Degree of Polyhydramnios & relation to congenital anomalies	Dr M.J.A. Weerts
11:40-12:00	Fetal congenital anomalies and genetic assessment	Dr A.M.S. Joosten
11:40-12:00	Fetal congenital anomalies and genetic counseling	
12:00- 13:00	Lunch break (OPUS)	
13:00-13:30	Congenital heart disease	Prof. Dr M.C. Haak
13:30-14:10	13 weeks cardiac ultrasound: potential and pitfalls	Dr I.M. van Beynum / Dr J.M.J. Cornette
14:10-14:30	Tetralogy of Fallot: a single eponym for a wide spectrum: fetal and neonatal implications	Dr K. Zandbergen /
	Fetal heart function: potential of innovative technology like I-space volumetry and speckle tracking:	Dr S. van den Wildenberg
14:30-15:00	Tea break (OPUS)	
15:00-15:35	Fetal arrhythmias: didactic echocardiographic assessment	Dr B.R. Rebel / Dr S.C. Husen
15:35-16:10	Pregnancy in women with congenital heart disease/Tetralogy of Fallot	Dr R.M. Kauling
16:10-16:30	Maternal hemodynamic assessment by ultrasound in obstetrics: (CO measurements and basic lung ultrasound)	Dr J.M.J. Cornette
16:30-16:45	Conclusion	
16:45	QUIZ	Dr A.T.J.I. Go
16:45	Certificate distribution	



SPEAKERS



Dr I.M. van Beynum
Prof. Dr C.M. Bilardo

Dr I.A. Brussé

Dr S.C.M. Cochijs- den Otter

Dr T.E. Cohen-Overbeek

Dr J.M.J. Cornette

Dr P.L.J. Dekoninck

Dr G.M. Eggenhuizen

Dr S. Galjaard

Dr S.J. Gischler

Prof. Dr A. Greenough

Dr A.T.J.I. Go

Dr I.A.L. Groenenberg

Prof. Dr M.C. Haak

Dr J. van den Hoek

Dr S.C. Husen

Pediatric cardiologist
Emeritus professor Fetal Medicine
Maternal Fetal Medicine Specialist

Pediatric Intensivist
Fetal Medicine Specialist
Maternal Fetal Medicine Specialist

Maternal Fetal Medicine Specialist
Fetal Medicine Specialist
Maternal Fetal Medicine Specialist

Pediatrician
Neonatologist
Maternal Fetal Medicine Specialist

Fetal Medicine Specialist
Maternal Fetal Medicine Specialist
Pediatric urologist

Fetal Medicine Specialist

Dr A.M.S. Joosten
Dr L.S.J. Kamphuis

Dr R.M. Kauling

Dr R. Knol

Dr J. Mulder

Dr N.C.J. Peters

Dr C.S. Pietersma

Dr B.R. Rebel

Dr M. Rousian

Dr J. M. Schnater

Prof. Dr A.F. Spinoit

Dr H. Syryn

Dr M.J.A. Weerts

Dr K. Weller

Dr S. van den Wildenberg

Dr K. Zandbergen

Clinical geneticist
Pulmonologist
Cardiologist
Neonatologist
Pediatric nephrologist
Fetal Medicine Specialist
Fetal Medicine Specialist
Pediatric cardiologist
Maternal Fetal Medicine Specialist
Pediatric Surgeon
Pediatric and reconstructive urologist
Clinical geneticist
Laboratory Specialist Clinical Genetics
Fetal Medicine Specialist
Fetal Medicine Specialist
Fetal Medicine Specialist



CONTACT



Date October 13th and 14th 2022

Location Erasmus University Medical Center, Rotterdam, The Netherlands.
Professor Andries Querido zaal, onderwijscentrum

Cost of participation 2 day course live: 495 euros (350 euros for trainees*)

** Reduced course fee will be assigned by approval when a trainee letter is send to GUO2022@erasmusmc.nl*

including the possibility for 1 year ISUOG membership.
2 day course online: 150 euros

Sign up You can register via the link below before the 15th of September 2022
<https://www.eventure-online.com/eventure/login.form?P77763682-f7a8-4aa2-acae-b410faf0b42b>

