

Fetal Anomalies: role of genetics and prenatal interventions

Saturday 14th and Sunday 15th May 2022



Livestream course program

Learning Objectives:

1. Be up-to-date with new advances in the prenatal diagnosis and management of fetal anomalies
2. Promote a multidisciplinary approach to the management of pregnancies complicated with fetal anomalies
3. Gain expertise and confidence in the counselling of parents whose pregnancies are complicated by fetal anomalies
4. Discuss the postnatal management of cases with fetal anomalies
5. Establish the role of fetal therapy in fetal anomalies

Day 1: Saturday 14th May 2022

BST	AEST	Mins	Day 1: Saturday 14 th May 2022	Speaker – Prefix, full name
Day 1: Session 1				
08:00	17:00	10	Welcome and Introduction	Prof. Asma Khalil; Prof. Simon Meagher
08:10	17:10	25	Fetal hydrops <ul style="list-style-type: none"> • Prenatal diagnosis and assessment • Genetic investigations • Indications for prenatal intervention • Postnatal neonatal management and prognosis 	Dr Esther Dempsey (UK)
08:35	17:35	25	Congenital diaphragmatic hernia <ul style="list-style-type: none"> • Prenatal diagnosis and assessment • Fetal therapy • Postnatal surgical management and outcome 	Prof. Laurent Salomon (France)
09:00	18:00	25	Pleural effusion <ul style="list-style-type: none"> • Prenatal diagnosis and assessment • Indications for prenatal intervention • Postnatal neonatal management and prognosis 	Prof. Dario Paladini (Italy)
09:25	18:25	25	Congenital pulmonary adenomatoid malformation and pulmonary sequestration <ul style="list-style-type: none"> • Diagnosis and prognostic markers • Indications for prenatal intervention • Postnatal management and surgery 	Prof. Dario Paladini (Italy)
09:50	18:50	10	Refreshment break	
Day 1: Session 2				
10:00	19:00	45	Panel Discussion <ul style="list-style-type: none"> • Value of exome sequencing • Role of fetal therapy • What to tell the patient? 	Prof. Asma Khalil; Prof. Simon Meagher; Dr Richard Chavasse; Prof. Jan Deprest Dr Tessa Homfray; Mr Stefano Giuliani
10:45	19:45	35	Case Discussion <ul style="list-style-type: none"> • Supra-Renal Mass • Lung agenesis/hypoplasia/ Scimitar Syndrome • Shunted Macrocystic CCAM (Large Chylothorax with Shift – Spont Res) 	Prof. Asma Khalil; Prof. Simon Meagher Dr Alina Roman
11:20	20:20	20	Live Q&A	Prof. Asma Khalil; Prof. Simon Meagher; Prof. Dario Paladini
11:40	20:40	60	Lunch	
Day 1: Session 3				
12:40	21:40	25	Oesophageal atresia <ul style="list-style-type: none"> • Prenatal diagnosis and assessment • Postnatal surgical management 	Dr Renato Ximenes (Brazil)

13:05	22:05	25	Bowel obstruction <ul style="list-style-type: none"> Prenatal diagnosis and assessment Postnatal surgical management 	Prof. Asma Khalil (UK)
13:30	22:30	25	Abdominal cysts <ul style="list-style-type: none"> Prenatal diagnosis and assessment Postnatal surgical management 	Prof. Katia Bilardo (The Netherlands)
13:55	22:55	30	Exomphalos vs gastroschisis <ul style="list-style-type: none"> Prenatal diagnosis and assessment Postnatal surgical management 	Prof. Simon Meagher (Australia)
14:20	23:20	20	Rare abdominal wall defects <ul style="list-style-type: none"> Pentalogy of Cantrell Cloacal exstrophy OIES Amniotic Band Syndrome 	Prof. Simon Meagher (Australia)
14:45	23:45	20	Live Q&A	Prof. Katia Bilardo; Prof. Asma Khalil; Prof. Simon Meagher; Dr Renato Ximenes
15:05	00:05	20	Refreshment Break	
Day 1: Session 4				
15:25	00:25	15	When do we need fetal MRI for extracranial abnormalities?	Dr Elspeth Whitby (UK)
15:40	00:40	45	Panel Discussion <ul style="list-style-type: none"> Value of exome sequencing Role of fetal therapy What to tell the patient? 	Prof. Katia Bilardo; Prof. Asma Khalil; Dr Natalie Canham; Mr Stefano Giuliani
16:25	01:25	10	Feedback and close	Prof. Asma Khalil (UK)

Please note that this is a provisional schedule subject to change.

Day 2: Sunday 15th May 2022

BST	AEST	Mins	Day 2: Sunday 15th May 2022	Speaker – Prefix, full name
Day 2: Session 1				
08:00	17:00	10	Welcome back	Prof. Asma Khalil; Prof. Simon Meagher
08:10	17:10	25	Genital anomalies <ul style="list-style-type: none"> Prenatal diagnosis and assessment Postnatal investigations and management 	Prof. Laurent Salomon (France)
08:35	17:35	25	Echogenic Kidneys <ul style="list-style-type: none"> Prenatal diagnosis and assessment Genetic investigations Postnatal investigations and management 	Prof. Rabih Chaoui (Germany)
09:00	18:00	25	Other renal anomalies <ul style="list-style-type: none"> Hydronephrosis Ureterocele Megalourethra Renal agenesis Duplex kidney Horseshoe kidney Urinoma 	Prof. Mauricio Herrera (Colombia)
09:25	18:25	45	Panel Discussion <ul style="list-style-type: none"> Value of exome sequencing Role of fetal therapy What to tell the patient? 	Prof. Asma Khalil; Prof. Simon Meagher; Dr Tessa Homfray; Dr Charlotte Melling;
10:10	19:10	30	Case Discussion <ul style="list-style-type: none"> Unusual presentation of hydronephrosis Urinoma Crossed Fused Renal Ectopia - VACTERL 	Prof. Asma Khalil (UK); Prof. Waldo Sepulveda (Chile)
10:40	19:40	20	Live Q&A	Prof. Asma Khalil; Prof. Simon Meagher; Prof. Rabih Chaoui; Prof. Waldo Sepulveda; Prof. Mauricio Herrera TBC
11:00	20:00	20	Refreshment break	

Day 2: Session 2				
11:20	20:20	25	Microcephaly <ul style="list-style-type: none"> • Prenatal diagnosis and assessment • Genetic investigations • Postnatal management 	Dr Karina Haratz (Israel)
11:45	20:45	25	Craniosynostosis <ul style="list-style-type: none"> • Prenatal diagnosis and assessment • Genetic investigations • Postnatal surgical management 	Dr Karina Haratz (Israel)
12:10	12:10	10	Live Q&A	Prof. Asma Khalil; Prof. Simon Meagher; Dr Karina Haratz
12:20	21:20	25	Obstructive uropathy <ul style="list-style-type: none"> • Prenatal diagnosis and assessment • Genetic investigations • Postnatal investigations and management 	Prof. Greg Ryan (Canada)
12:45	21:45	10	Live Q&A	Prof. Asma Khalil; Prof. Simon Meagher; Prof. Greg Ryan
12:55	21:55	20	Live Quiz	Prof. Asma Khalil; Prof. Simon Meagher
13:15	22:15	45	Refreshment Break	
Day 2: Session 3				
14:00	23:00	25	Short femur in the third trimester: what to do?	Prof. Aris Papageorgiou (UK)
14:25	23:25	25	Lethal skeletal dysplasia <ul style="list-style-type: none"> • Prenatal diagnosis and assessment • Genetic investigations 	Dr Phyllis Glanc (Canada)
14:50	23:50	25	Non-lethal skeletal dysplasia <ul style="list-style-type: none"> • Prenatal diagnosis and assessment • Genetic investigations 	Dr Phyllis Glanc (Canada)
15:15	00:15	30	Case Discussion <ul style="list-style-type: none"> • Body stalk anomaly • Fetus in fetu • Tibial and Fibular hemimelia 	Prof. Asma Khalil (UK); Dr Conrado Coutinho (Brazil); Dr Alina Roman (Australia)
15:45	00:45	15	Live Q&A	Dr Phyllis Glanc; Prof. Asma Khalil; Prof. Aris Papageorgiou
16:00	01:00	10	Feedback and close	Prof. Asma Khalil