



2017/10/13 (W5) Track 10: Fetal Echocardiography (Pre-Congress Program)

The pre-congress workshop on fetal echocardiography will provide a detailed day of instruction for anyone involved with the sonographic evaluation of the fetal heart—both in low-risk pregnancies (fetal cardiac screening) and in high-risk pregnancies (fetal echocardiography). The day will provide a series of clinically-oriented and state-of-the-art presentations that will provide the background, tools, and insights necessary to detect and evaluate major forms of congenital heart disease. Talks will range from basic and introductory concepts to highly sophisticated approaches and techniques. Everyone in attendance will be sure to leave with an improved ability to detect and evaluate fetal forms of heart disease.

Time	Topic	Instructor	Moderator
Workshop (Room 105, 1F)			
08:30-09:00	Fetal Cardiac Screening: What Are We (And Our Guidelines) Doing Wrong?	Mark Sklansky (USA)	Mark Sklansky (USA)
09:00-09:30	1st Trimester Fetal Echocardiography	Greggory DeVore (USA)	Greggory DeVore (USA)
09:30-10:00	The Four-Chamber View: Tips and Pearls	Greggory DeVore (USA)	Ching-Chang Hsieh (Taiwan)
10:00-10:30	Coffee Break		
10:30-11:00	Right-Sided Obstructive Lesions: TOF/PS/PA	Mark Sklansky (USA)	Mark Sklansky (USA)
11:00-11:30	Measurements of Cardiac Dimensions	Greggory DeVore (USA)	Greggory DeVore (USA)
11:30-12:00	Evaluation of Cardiac Function: M-Mode and Pulsed Doppler Ultrasound	Greggory DeVore (USA)	Ching-Chang Hsieh (Taiwan)
12:00-13:30	Lunch		
13:30-14:00	D-TGA/L-TGA	Mark Sklansky (USA)	Mark Sklansky (USA)
14:00-14:30	Genetic Ultrasound: Use of Fetal Echocardiography	Greggory DeVore (USA)	Greggory DeVore (USA)
14:30-15:00	4D Evaluation of the Fetal Heart-Latest Technologies	Greggory DeVore (USA)	Ching-Chang Hsieh (Taiwan)
15:00-15:30	Coffee Break		
15:30-16:00	Fetal Arrhythmias: Basics of Diagnosis	Mark Sklansky (USA)	Mark Sklansky (USA)
16:00-16:30	2D Speckle Tracking-Its Use to Evaluate Cardiac Function	Greggory DeVore (USA)	Greggory DeVore (USA)
16:30-17:00	Just Images	Greggory DeVore (USA)	Ching-Chang Hsieh (Taiwan)


2017/10/14 (W6) Track 10: Fetal Echocardiography

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 105, 1F)
08:30-08:44	Annular Plane Systolic Excursion Z-Score in Evaluation of Heart Systolic Function of Fetus with Heart Failure	Xianfeng Guo (Chinese Mainland)	T'sang T'ang Hsieh (Taiwan) Bowen Zhao (Chinese Mainland) Chung-Lieh Hung (Taiwan)
08:45-08:59	Tricuspid Annular Plane Systolic Excursion Z-Score in Evaluation of Right Ventricle Systolic Function of Fetus with Ebstein Anomaly	Xianfeng Guo (Chinese Mainland)	
09:00-09:14	Build-out Remotely Connected Support System of Fetal Diagnosis	Chika Kanno (Japan)	
09:15-09:29	Assessment of the Cases of Fetal Cardiac Abnormalities Identified Before 22 Weeks' Gestation	Atsushi Yoshida (Japan)	
10:00-10:30	Coffee Break		
10:30-12:00	Opening Ceremony		
12:15-13:15	Luncheon Symposium		
Symposium			(Room 105, 1F)
13:30-13:45	Echocardiographic Assessment of Fetal Cardiac Function	Yiu Fai Cheung (Hong Kong)	Greggory DeVore (USA) Ching-Chang Hsieh (Taiwan)
13:45-14:00	Evaluation of Fetal Cardiac Function: New Technologies Using Speckle Tracking	Greggory DeVore (USA)	
14:00-14:15	Fetal Pericardial Effusion: Roles of Prenatal Cardiac Intervention	Tuangsit Wataganara (Thailand)	
14:15-14:30	Fetal Patient Foramen Ovule: Anatomical & Physiological Aspects	Kai-Sheng Hsieh (Taiwan)	
14:30-14:45	AS/Coarctation of the Aorta/HLHS	Mark Sklansky (USA)	
14:45-15:00	Outflow Tract Abnormalities	Nitin Chaubal (India)	
15:00-15:30	Coffee Break		
15:30-15:45	The Use of 3D/4D Electronic Probe to Evaluate the Fetal Heart	Greggory DeVore (USA)	Mark Sklansky (USA) Jin-Chung Shih (Taiwan) Liang-Ming Lo (Taiwan)
15:45-16:00	3D/4D Fetal Cardiac Imaging— Past/Present/Future	Mark Sklansky (USA)	
16:00-16:15	Fetal Cardiac Isomerism	Jin-Chung Shih (Taiwan)	
16:15-16:30	Secondary Fetal Cardiopathy	Tuangsit Wataganara (Thailand)	
16:30-16:45	New Look into Old Technique--- Reappraisal of Fetal Echocardiography	Kai-Sheng Hsieh (Taiwan)	
16:45-17:00	Outflow Tract Abnormalities	T.L.N. Praveen (India)	



2017/10/15 (W7) Track 10: Fetal Echocardiography

Time	Topic	Speaker	Moderator
Symposium (Room 105, 1F)			
08:30-08:45	Fetal CHD-An Ethical Dilemma	Kai-Sheng Hsieh (Taiwan)	Yiu Fai Cheung (Hong Kong) Kai-Sheng Hsieh (Taiwan)
08:45-09:00	Fetal Coarctation of Aorta	T.L.N. Praveen (India)	
09:00-09:15	How Has Fetal Echocardiography Shaped the Practice of Pediatric Cardiology?	Yiu-fai Cheung (Hong Kong)	
09:15-09:30	Insight into the Genetic Relevance of Congenital Heart Defects	Jin-Chung Shih (Taiwan)	
09:30-09:45	Guidelines for Fetal Cardiac Imaging	Mark Sklansky (USA)	
09:45-10:00	How to Detect a Case with Total Anomalous Pulmonary Venous Connection by Fetal Screening?	Satoshi Yasukochi (Japan)	
10:00-10:30	Coffee Break		
10:30-10:45	Ventricular Septal Defects-Why Are They Missed?	Greggory DeVore (USA)	Satoshi Yasukochi (Japan) An-Shine Chao (Taiwan)
10:45-11:00	How to Assess Fetal Rhythm?	Satoshi Yasukochi (Japan)	
11:00-11:15	Fetal Cardiac and Pericardial Tumors	Tuangsit Wataganara (Thailand)	
11:15-11:30	Outcome After Newborn of Prenatally Diagnosed Congenital Heart Block with Postnatal Pacemaker Implantation	An-Shine Chao (Taiwan)	
11:30-11:45	Fetal Arrhythmias: Diagnosis and Management Made Easy	Mark Sklansky (USA)	
11:45-12:00	DORV - Double Outlet Right Ventricle	T.L.N. Praveen (India)	
12:15-13:15	Luncheon Symposium		
13:30-13:45	Fetal Heterotaxy Syndrome	Mark Sklansky (USA)	Gwang Jun Kim (South Korea) Ming-Ren Chen (Taiwan)
13:45-14:00	Intracardiac Shunts	Gwang Jun Kim (South Korea)	
14:00-14:15	Does Fetal Intervention Make a Difference of Postnatal Outcome?	Satoshi Yasukochi (Japan)	
14:15-14:30	Arch Anomalies: from First Trimester to Postnatal Management	Ming-Ren Chen (Taiwan)	
14:30-14:45	Outflow Tract Abnormalities: Overview	Mark Sklansky (USA)	
14:45-15:00	Three Vessel Trachea View Its Relevance in Fetal Cardiac Evaluation	T.L.N. Praveen (India)	
15:00-15:30	Coffee Break		
15:30-15:45	The Four Chamber View	Nitin Chaubal (India)	Tuangsit Wataganara (Thailand) Po-Jen Cheng (Taiwan)
15:45-16:00	Fetal Cardiac Evaluation	T.L.N. Praveen (India)	
16:00-16:15	CMA Application in Congenital Heart Defect	Ching-Hua Hsiao (Taiwan)	
16:15-16:30	National Registry of Fetal Echocardiography in Japan	Satoshi Yasukochi (Japan)	
16:30-16:45	Sonographic Screening of Fetal Venous Malformations	Gwang Jun Kim (South Korea)	
16:45-17:00	Segmental Approach to Congenital Heart Disease	Mark Sklansky (USA)	