

Educational intensive course
on behalf of ISUOG and RASUDM



Advances in Maternal Fetal Medicine Ultrasound



May 28–30, 2014
Moscow, Russia

Program

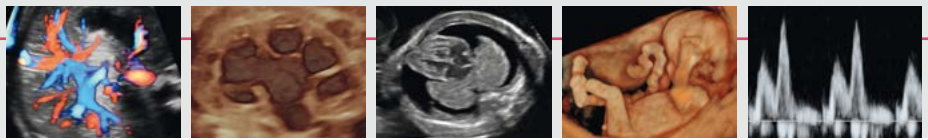
Wednesday, May 28

Fetal Cardiac Imaging

9.00	Introduction and Welcome (ISUOG presentation)	Sinkovskaya E.
9.10	What constitutes a fetal echocardiogram? Indications and technique	Sinkovskaya E.
9.30	My best preset for fetal echocardiogram	Bataeva R.
9.50	Fetal cardiovascular physiology and Doppler assessment of fetal cardiac circulation	Yagel S.
10.30	Hypoplastic left heart syndrome – clinical variations and differential diagnosis	Bataeva R.
11.00	Break	
11.20	Prenatal diagnosis of fetal venous anomalies	Yagel S.
12.00	Official opening of the course	Mitkov V. (President of RASUDM)
12.10	Live demonstration. Sponsored by SAMSUNG	Bataeva R.
12.30	Lecture sponsored by SAMSUNG	Bataeva R.
13.00	Break	
14.00	CHD with reduced pulmonary blood flow – prenatal diagnosis and neonatal management	Sinkovskaya E.
14.30	Functional cardiac assessment I: M- mode, 3D/4D	Yagel S.



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15.10	Functional cardiac assessment II: TDI, Speckle Tracking	Sinkovskaya E.
15.40	Live demonstration. Sponsored by SAMSUNG	Sinkovskaya E.
16.10	Break	
16.30	Extracardiac abnormalities affecting the fetal heart	Yagel S.
17.10	CHD and genetic syndromes (case presentation)	Sinkovskaya E.
17.40	Q&A / Discussion	
18.00	Close	

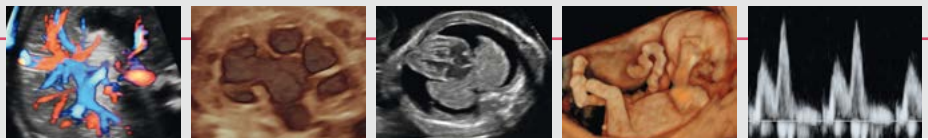
Thursday, May 29

Doppler in Obstetrics

9.00	Introduction and Welcome (ISUOG presentation)	Sinkovskaya E.
9.10	Doppler ultrasonography: physical principles, image optimization and safety considerations	Mari G.
9.50	ISUOG guidelines: use Doppler ultrasonography in obstetrics	Mari G.
10.30	Live demonstration. Sponsored by TOSHIBA	Mari G.
11.00	Break	
11.20	Diagnosis and management of fetal anemia	Pavlova N.G.
11.50	IUGR: diagnosis and management (1)	Mari G.
12.30	IUGR: diagnosis and management (2)	Mari G.
13.20	Break	



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14.20	Doppler ultrasonography in management of monochorionic twins: TTTS, TRAP Lachmann R.
15.00	Doppler ultrasonography in management of monochorionic twins: selective IUGR Mari G.
15.30	Doppler assessment of the uterine arteries and prediction of pre-eclampsia Lachmann R.
16.00	Live demonstration. Sponsored by PHILIPS Lachmann R.
16.30	Break
16.50	Doppler ultrasonography in diagnosis of placental and cord anomaly Malmberg O.I.
17.20	Doppler ultrasonography in management of obstetrical emergencies (case presentation) Fedorova E.
17.40	Q&A / Discussion
18.00	Close

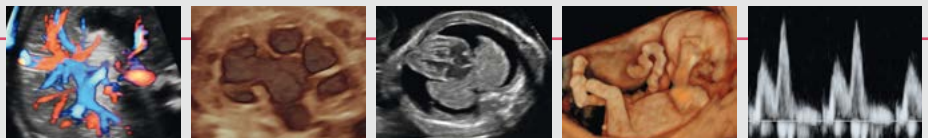
Friday, May 30

Advances in Prenatal diagnosis, Genetics and Fetal Therapy

9.00	Introduction and Welcome (ISUOG presentation) Sinkovskaya E.
9.10	Cervical length assessment and prevention of premature birth Fedorova E.
9.40	Non-invasive prenatal testing: more questions than answers Yagel S.
10.20	Doppler ultrasonography in first trimester screening for aneuploidy and major birth defects Lachmann R.
11.00	Live demonstration. Sponsored by GE HC Yagel S.
11.30	Break



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11.50	Spina bifida: screening, diagnosis, prenatal management	Tutschek B.
12.30	Differential diagnosis of fetal skeletal anomalies	Tutschek B.
13.20	Break	
14.20	Congenital diaphragmatic hernia: prenatal assessment, prognosis and in-utero interventions	Yudina E.
14.50	Gastrointestinal anomalies	Tutschek B.
15.30	Anomalies of fetal lungs development: management of primary and secondary pulmonary pathology	Sinkovskaya E.
16.00	Break	
16.20	Fetal urinary tract obstruction: prenatal assessment, prognosis and in-utero interventions	Tutschek B.
17.00	Q&A / Discussion	
17.30	Close	