

ISUOG Approved

International Conference on Ultra-Sound 2017

24 25 26 NOVEMBER 2017

www.ultrasoundupdate2017.com

WORKSHOP VENUE:

Smt. NHL Medical College, Ellis Bridge, Ahmedabad

CONFERENCE VENUE:

Gujarat University Convention & Exhibition Centre, Ahmedabad

Organized by:



Approved by:



Organizing Chairperson
Dr. Hemant Bhatt



Organizing Secretary
Dr. Jignesh Deliwala



Conference Convener
Dr. Prashant Acharya

Organizing Committee

President- Elect
Dr. Jayprakash Shah

Vice President
Dr. Anil Maheta

Hon. Treasurer
Dr. Raj Iyengar

Jt. Secretary
Dr. Tejas Dave

Hon. Clinical Secretary (I/C)
Dr. Snehal Kale

AGOS Managing Committee

Organizing Conference Committee

Dr. B. I. Patel
Dr. Jayprakash Shah
Dr. Girish Patel
Dr. Jigish Trivedi
Dr. Shetal Desai
Dr. Janak Desai
Dr. Mayank Chaudhary

Managing Committee Members

Dr. Aksay Shah
Dr. Hina Shah
Dr. Kamlesh Jagwani
Dr. Lata Trivedi
Dr. Mahesh Jariwala
Dr. Munjal Pandya
Dr. Nita Thakre
Dr. Parth Shah
Dr. Sanjay Shah

Ex-Officio

Dr. Geetendra Sharma
Dr. Rajal Thaker

Co-Opt. Members

Dr. Dipesh Dholakia
Dr. Alpesh Gandhi

Special Invitee

Dr. Vilasben Mehta
Dr. Tushar Shah
Dr. Parul Kotdawala
Dr. Rajesh Patel
Dr. Kamini Patel

Editors

Dr. Munjal Pandya
Dr. Parth Shah

Faculties



Prof. Dr. C. M. (Katia) Bilardo
NETHERLAND



Dr. Gihad Chalouhi
FRANCE



Dr. Karina Krajdén Haratz
ISRAEL



Dr. Antonio Tiesta
ITALY

International Faculties

National Faculties

Dr. B S Rama Murthy	Bengaluru	Dr. Anita Kaul	Delhi
Dr. C. Lulla	Mumbai	Dr. Suseela Vavilala	Hyderabad
Dr. Nitin Chaubal	Pune	Dr. Ladbans Kaur	Chandigarh
Dr. Balu Vaidyanathan	Cochin	Dr. Bijoy Balakrishnan	Cochin
Dr. Geeta Kolar	Hyderabad	Dr. Chanchal Singh	Delhi
Dr. Pratima Radhakrishnan	Bengaluru	Dr. Nupur Shah	Chandigarh
Dr. Mala Sibbal	Hyderabad	Dr. U. P. Singh	Chandigarh
Dr. TLN Praveen	Hyderabad	Dr. Pooja Lodha	Pune

SCIENTIFIC PROGRAM

Friday, 24th November, 2017 | Hall-A

Venue: Smt. NHL Medical College, Ellis Bridge, Ahmedabad

CNS WORKSHOP (LIVE DEMO)

TIME	TOPIC	TIME	TOPIC
09:00 - 10:00	Neurodevelopmental anatomy of fetal brain	13:00 - 13:30	Midline defects and its clinical importance
10:00 - 10:20	Ultrasound presets for CNS examination	13:30 - 14:15	Lunch
10:20 - 11:20	CNS evaluation - Normal	14:15 - 15:00	Posterior fossa cyst and D/D
11:20 - 11:45	Break	15:00 - 16:00	Gray zone findings in CNS evaluation and interpretation
11:45 - 12:30	Spine evaluation - Normal	16:00 - 16:30	Neural Tube Defects
12:30 - 13:00	Cortical development and its defects	16:30 - 17:00	Non-NTD Spinal Defects

Friday, 24th November, 2017 | Hall-B

Venue: Smt. NHL Medical College, Ellis Bridge, Ahmedabad

IOTA COURSE AND INFERTILITY WORKSHOP (LIVE DEMO)

TIME	TOPIC	TIME	TOPIC
IOTA CERTIFICATION COURSE		INFERTILITY WORKSHOP	
9:00 - 09:30	Terms and Definitions	14:00 - 14:20	Assessing Ovarian Reserve and Response with ultrasound
9:30 - 10:15	Simple Rules and Simple Descriptors	14:20 - 14:40	Understanding Follicular Dynamics
10:15 - 10:30	Three Stage Approach	14:40 - 15:00	Endometrial Behaviour through the cycle
10:30 - 10:45	Discussion	15:00 - 15:30	Ultrasound guided procedures in infertility
10:45 - 11:15	Break	15:30 - 15:45	Discussion
11:15 - 11:30	ADNEX Model	15:45 - 16:00	Break
11:30 - 12:30	Practice Session	16:00 - 16:30	Sonoembryology
12:30 - 13:00	IOTA Certification Test	16:30 - 16:50	Fetal Reduction
13:00 - 14:00	Lunch	16:50 - 17:00	Discussion

Friday, 24th November, 2017 | Hall-C

Venue: Smt. NHL Medical College, Ellis Bridge, Ahmedabad

FETAL ECHOCARDIOGRAPHY WORKSHOP (LIVE DEMO)

TIME	TOPIC	TIME	TOPIC
09:00 - 09:30	Embryology of Fetal Heart	13:30 - 14:15	Lunch
09:30 - 11:00	Normal cardiac anatomy with live session	14:15 - 15:00	Outflow tracts, 3VVT, 3VVT - Normal evaluation, anatomy and USG correlation
11:00 - 11:30	Break	15:00 - 15:45	Live demo Outflow and venous systems
11:30 - 13:00	Normal and Abnormal 4CH Heart	15:45 - 16:30	Overview of fetal venous system- Embryology and normal evaluation
13:00 - 13:30	Discussion		

SCIENTIFIC PROGRAM

Saturday, 25th November, 2017 | Hall-A

Venue: Gujarat Iniversity Convention & Exhibition Centre, Near Helmet Circle, Ahmedabad

ISUOG Approved
International Conference on
Ultra-Sound 2017
24 25 26 NOVEMBER 2017

TIME	TOPIC	TIME	TOPIC
SESSION 1	FETAL NEUROLOGY	12:30 - 12:45	Vascular malformations of brain
08:30 - 09:00	Neurosonogram - ISUOG Guidelines	12:45 - 13:00	Borderline ventriculomegaly
09:00 - 09:30	CNS Defects before 20 weeks	13:00 - 13:45	Lunch
09:30 - 10:00	Posterior Fossa malformations	SESSION 3	DOPPLER
10:00 - 10:30	Midline defects (including ACC, midbrain, SOD)	13:45 - 14:15	Doppler in FGR
10:30 - 11:00	Counseling after CNS malformation	14:15 - 14:45	Color doppler in maternal conditions DM, Rh Neg mother
11:00 - 11:30	Break	14:45 - 15:15	Color doppler in fetal malformations
SESSION 2	PRACTICE ALGORITHM	15:15 - 15:45	Doppler in twins
11:30 - 11:45	Severe ventriculomegaly - D/D	15:45 - 16:00	Understanding basics of statistics
11:45 - 12:00	MRI in CNS defects	16:00 - 17:00	Panel discussion - am I using Doppler appropriately
12:00 - 12:15	Neural Tube Defects - What to do?		
12:15 - 12:30	Fetal face - window to many anomalies		

Saturday, 25th November, 2017 | Hall-B

Venue: Gujarat Iniversity Convention & Exhibition Centre, Near Helmet Circle, Ahmedabad

TIME	TOPIC	TIME	TOPIC
09:00 - 09:30	IETA	14:00 - 14:30	Ultrasound evaluation and management of the spectrum of ectopic pregnancies
09:30 - 10:00	Endometrial pathologies and the differential diagnosis of a thickened endometrium : polyps, hyperplasia and malignancy	14:30 - 15:00	Endometriosis : Beyond the "ground glass" appearance
10:00 - 10:30	Cervical malignancy	15:00 - 15:30	Rare ovarian tumours
10:30 - 10:45	Discussion	15:30 - 15:45	Break
10:45 - 11:15	Break	15:45 - 16:15	Non-ovarian adnexal masses
11:15 - 11:45	Myometrial pathologies and MUSA	16:15 - 16:45	New approaches in gynecological oncology
11:45 - 12:15	Scary Sarcoma	16:45 - 17:15	Congenital uterine anomalies simplified
12:15 - 12:45	Pelvic Tuberculosis - a challenging diagnosis	17:15 - 17:45	Discussion
12:45 - 13:00	Discussion		
13:00 - 14:00	Lunch		

Saturday, 25th November, 2017 | Hall-C

Venue: Gujarat Iniversity Convention & Exhibition Centre, Near Helmet Circle, Ahmedabad

TIME	TOPIC	TIME	TOPIC
09:00 - 09:30	Indication for fetal echo	15:15 - 15:45	Cardiac mass
09:30 - 10:00	ISUOG protocol for fetal echo	15:45 - 16:15	Aneuploidy and cardiac evaluation
10:00 - 10:20	And what others have to say for the protocol?	16:15 - 16:30	Break
10:20 - 10:40	Machine settings for fetal echo - Gray scale		PRACTICE PROTOCOLS
10:40 - 11:00	Machine settings for fetal echo - color scale	16:30 - 16:50	Cardiomegaly
11:00 - 11:30	Break	16:50 - 17:10	RV > LV
11:30 - 12:00	Situs and its problems, when fetal left is LEFT?	17:10 - 17:30	LV > RV
12:00 - 13:00	Abnormal 4CH view	17:30 - 17:50	Rt atrium enlarged
13:00 - 14:00	Lunch	17:50 - 18:10	Tricuspid regurgitation
14:00 - 15:15	Crux evaluation and its malformations		

Sunday, 26th November, 2017 | Hall-A

Venue: Gujarat University Convention & Exhibition Centre, Near Helmet Circle, Ahmedabad

TIME	TOPIC	TIME	TOPIC
SESSION 1	MULTIFETAL PREGNANCY	14:20 - 14:40	TIFFA scanning - Rule of 2 - novel approach
09:00 - 09:30	USG in multifetal pregnancy	14:40 - 15:00	Cervical length and its importance including singleton, twins and triplets with possible intervention
09:30 - 10:00	Fetal reduction in MFP	15:00 - 15:20	Preeclampsia screening - Is it worth in India? What and how much to do?
10:00 - 10:45	Monochorionic twins and its complications	15:20 - 15:30 Break	
10:45 - 11:00 Break		SESSION 3	MIXED BAG
11:00 - 11:30	Selective FGR in twins	15:30 - 16:00	Non immune hydrops and its evaluation
11:30 - 12:00	Discussion	16:00 - 16:30	Understanding fetal infections
12:00 - 13:00	Panel discussion : cases in MFP	16:30 - 17:00	Placenta and its anomalies
13:00 - 13:30 Lunch		17:00 - 17:45	Panel discussion - Fetal anomaly detected, what next?
SESSION 2	HOW TO? MINIMUM STANDARD TO FOLLOW / CAN I STRETCH MY LIMITS?	17:45 - 18:00	Lab genetic evaluation - what to choose?
13:30 - 13:50	First trimester scan - Aneuploidy screening		
13:50 - 14:20	FTS anomaly screening		

Sunday, 26th November, 2017 | Hall-B

Venue: Gujarat University Convention & Exhibition Centre, Near Helmet Circle, Ahmedabad

TIME	TOPIC	TIME	TOPIC
09:00 - 09:30	Scanning the Pelvis – Basics	13:00 - 14:00 Lunch	
09:30 - 10:00	Torsion & the Differential Diagnosis of Acute Pelvic Pain	14:00 - 14:30	Liquor and its anomalies - Oligo & Polyamnios - diagnosis, management
10:00 - 10:30	Nuances of Polycystic Ovaries	14:30 - 15:00	2nd trimester aneuploidy scan
10:30 - 10:45	Discussion	15:00 - 15:30	Abnormal NT with normal chromosome - What next?
10:45 - 11:15 Break		15:30 - 16:00	NGS / CGH Array - undersanding newer technology
11:15 - 11:45	Cycle Assessment in Infertility & ART	16:00 - 16:15	Which machine should I purchase - budget 15 - 25 lakhs
11:45 - 12:15	Ultrasound in Early Pregnancy	16:15 - 16:30	Which machine should I purchase - budget 25+ lakhs
12:15 - 12:45	Abnormal Uterine Bleeding – Ultrasound Evaluation		
12:45 - 13:00	Discussion		

Sunday, 26th November, 2017 | Hall-C

Venue: Gujarat University Convention & Exhibition Centre, Near Helmet Circle, Ahmedabad

TIME	TOPIC	TIME	TOPIC
08:00 - 08:30	Cardiac function test - FGR		PRACTICE PROTOCOLS
08:30 - 09:00	Cardiac function test - Twin	13:30 - 13:50	Parallel outflow tracts
09:00 - 09:45	3VV and 3VVT anomalies	13:50 - 14:10	Pericardial effusion
09:45 - 10:30	Arch anomalies	14:10 - 14:30	4th vessel in 3VV
10:30 - 10:45 Break		14:30 - 15:15	Cardiac arrhythmia
10:45 - 11:05	DV and its anomalies	15:15 - 16:00	NEXT generation 3D 4D in cardiac evaluation
11:05 - 11:35	Pulmonary veins and its anomalies	16:00 - 16:20	Cardiac evaluation in FTS
11:35 - 12:00	SVC and IVC anomalies	16:20 - 16:45	Fetal echo in ONE minute!
12:00 - 12:30	Fetal thymus & anomalies	16:45 - 17:15	Counselling and outcome after detection of cardiac defect
12:30 - 13:00	cardiac doppler and its usefulness	17:15 - 18:00	Panel discussion - clinical cases of fetal cardiac anomaly
13:00 - 13:30 Lunch			