



# XIV South Asian Regional Conference on Clinical UltraSonography in Practice



## CUSP 2014

*Towards Achieving Excellence*

**25th - 28th September, 2014**

**Chennai Trade Centre**

**TNMC CME  
CREDITS**

**ISUOG  
GUIDELINES**

**Organised by**



**MediScan**  
Ultrasound | Fetal Care | Genetics | Perinatal Pathology

### **Chairpersons**

Prof. S. Suresh  
Dr. Indrani Suresh

### **Organising Secretaries**

Dr. Sujatha Jagadeesh  
Dr. G. Nithyakalyani

### **Conference Secretariat**

[www.cusp.org.in](http://www.cusp.org.in)

197, Dr. Natesan Road, Mylapore, Chennai - 600004

**E-Mail:** [cusp.mediscan@gmail.com](mailto:cusp.mediscan@gmail.com) | **Mob:** +91 - 97910 06362 | **Tel:** +91 - 44 - 2466 3188 | **Fax:** +91 - 44 - 2466 3199

## Workshop A - EXCEL IN YOUR WORK

*Coordinators - Dr Uma Ram, Dr Poornima Ramkumar, Dr Sudarshan Suresh & Dr Shyamala R*

Time	Program	Faculty
08.00 AM	Registration	
08.20-08.30 AM	Welcome	
<b>SESSION 1: 08.45 - 10.45 AM</b>		
08.45-09.15 AM	Probe the Paper - Interactive session	{ Dr Praveen Kumar Nirmalan / Dr Ram Rajagoapalan
09.15-09.45 AM	Overview of Statistics	
09.45-10.15 AM	How to critically evaluate a paper?	
10.15-10.45 AM	Group Interaction	
10.45-11.15 AM	COFFEE BREAK	
<b>SESSION 2: 11.15 AM - 01.00 PM</b>		
11.15-11.35 AM	Meta Analysis & Systematic Reviews	{ Prof Zarko Alfirevic
11.35 AM-12.05 PM	Evidence based Perinatal Medicine - Which interventions make a difference?	
12.05-12.15	Group interaction	
12.15-01.00 PM	Exercises	
01.00-02.00 PM	LUNCH BREAK	Dr Praveen Kumar Nirmalan
<b>SESSION 3: 02.00 - 05.00 PM</b>		
02.00-02.30 PM	IRB	{ Dr Praveen Kumar Nirmalan
02.30-03.30 PM	Building your paper - Foundation to Final Product	
03.30-04.00 PM	TEA BREAK	
04.00-05.00 PM	Play with your data	

## Workshop C - 3D / 4D ULTRASOUND

*Coordinators - Mrs Vijayalakshmi Raja & Mrs Bhavani Kugan*

Time	Program	Faculty
08.00 AM	Registration	
08.30-08.45 AM	Welcome	
<b>SESSION 1: 3D / 4D Volumes in Obstetric Ultrasound 08.45 AM - 01.15 PM</b>		
08:45-11.00 AM	Omniview 11- 14 weeks Fetal face and Fetal brain	{ Dr K V Sridevi, Dr Lakshmy Ravi Dr Indrani Suresh
11.00-11.30 AM	COFFEE BREAK	
11.30 AM-01.15 PM	Fetal heart Fetal Skeletal system	{ Dr B S Ramamurthy Dr Chander Lulla
01.15-02.15 PM	LUNCH BREAK	
<b>SESSION 2: 3D / 4D Volumes in Gynaecology 02.15 - 04.30 PM</b>		
02.15-02.45 PM	3D in Gynaec Ultrasound	Prof Lil Valentin
02.45-04.00 PM	Manipulating volumes - Practical tips	Dr Ashok Khurana
04.00-04.20 PM	Volume calculation in Gynaecology	Dr Nithyakalyani
04.20-04.30 PM	Audience Interaction	
04.30 PM	TEA BREAK	

## Workshop B - GUIDELINE BASED OBGYN ULTRASOUND

Time	Program	Faculty
08.00 AM 08.45-09.00 AM	Registration Welcome	
<b>Part I : Gynaec Ultrasound 09.00 AM - 01.30 PM</b>		
<i>Coordinators - Dr Nithyakalyani, Mrs Jayalakshmi Ramesh &amp; Mrs Chandra Ganesh</i>		
<b>SESSION 1: Pelvic Ultrasound and Abnormal Uterine Bleeding (AUB) 09.00 - 11.00 AM</b>		
09.00-09.45 AM	Pelvic Ultrasound - A Protocol based Approach	Prof Lil Valentin
09.45-10.30 AM	AUB - Cases and Management (Post abortal bleeding, Post menopausal bleeding, Polyps, Fibroids, Adenomyosis)	Prof Lil Valentin Dr G Nithyakalyani Dr Shobana Mahadevan
10.30-10.50 AM	US in basic infertility assessment	Dr B Sathya
10.50-11.00 AM	Audience interaction	
11.00-11.20 AM	COFFEE BREAK	
<b>SESSION 2: Ovary in Focus 11.20 AM - 01.30 PM</b>		
11.20-11.45 AM	Ovarian Problems other than Tumors	Dr Mala Sibal
11.45 AM-12.30 PM	Ovarian Tumours - IOTA Guidelines	Prof Lil Valentin
12.30-01.00 PM	Ovarian & Adnexal Masses - Demo	Dr Mala Sibal / Dr T L N Praveen
01.00-01.20 PM	Usual and Unusal Ectopic Pregnancy	Dr T L N Praveen
01.20-01.30 PM	Audience Interaction	
01.30-02.30 PM	LUNCH BREAK	

### Part II : Guideline Based Obstetric Ultrasound - 02.30 - 05.00 PM

*Coordinators - Dr Chitra Ganesh, Dr Priti Venkatesh & Mrs Subbalakshmi Raghavan*

<b>SESSION 1: I Trimester 02.30 - 03.00 PM</b>		
02.30-02.45 PM	Early Pregnancy Scan	Dr Preeti Tomar
02.45-03.00 PM	ISUOG Guidelines in the I trimester	Dr Sudha Ramakrishnan / Dr Priti Venkatesh
<b>SESSION 2: II Trimester 03.00 - 04.00 PM</b>		
03.00-04.00 PM	Guidelines - Lecture and Demo	Dr Chitra Ganesh / Dr Preeti Tomar
<b>SESSION 3: III Trimester 04.05 - 05.00 PM</b>		
04.00-05.00 PM	Growth   Liqour   Placenta   Doppler   Reporting	Dr Indrani Suresh Dr Usha Sagadevan Dr T P Baskaran

## Workshop D - GROWTH & DOPPLER

Coordinators - Dr Venilla, Dr Thamarai & Mrs Devaki Gopish

Time	Program	Faculty
08.00 AM	Registration	
08.30-08.40 AM	Welcome	
<b>SESSION 1: 08.40 - 11.00 AM</b>		
08.40-09.00 AM	US Dating - The Nitty Gritty	Dr Jyoti Chaubal
09.00-09.30 AM	Pregnancy Dating exercises	Dr Usha Sagadevan
09.30-09.45 AM	Identifying Growth Disorders - Practical tips	Dr Vidyalekshmi Renganayaki
09.45-10.05 AM	Early onset IUGR - A Logical approach	Dr Ranjit Akolekar
10.05-10.25 AM	Late onset IUGR - Is it a different Entity?	Dr Bijoy Balakrishnan
10.25-10.45 AM	Why IUGR - looking for answers	Dr Geeta Kolar
10.45-11.00 AM	Discussion	
11.00-11.30 AM	COFFEE BREAK	
<b>SESSION 2: 11.30 AM - 01.20 PM</b>		
11.30 AM-12.10 PM	Doppler Basics- Live Demo	Dr Madhavi Latha & Dr S Sreepriya
12.10-12.50 PM	<b>Keynote address:</b> Optimizing outcomes in IUGR - Current evidence	Prof Zarko Alfirevic
12.50-01.10 PM	sIUGR - Overview	Prof S Suresh
01.10-01.20 PM	DISCUSSION	
01.20-02.20 PM	LUNCH BREAK	
<b>SESSION 3: 02.20 - 05.00 PM</b>		
02.20-03.00 PM	Invited presentations   Judges: Prof Zarko Alfirevic & Dr Geetha Kolar	
02.20-02.30 PM	Spectrum of congenital heart defects in multiple pregnancy and their postnatal outcome.	Dr Vennilla Murugesan
02.30-02.40 PM	Fetal nasal bone ossification status in first trimester and its correlation to Crown rump length.	Dr Shyamala Ramesh
02.40-02.50 PM	Outcome of isolated fetal megacystis at 11-14 weeks of gestation	Dr Roopa Shinde
02.50-03.00 PM	Imaging in Polyhydramnios – our experience	Dr Kazi Amir Irfan
03.00-03.20 PM	Growth & Genetics	Dr Ratna Dua Puri
03.20-03.50 PM	Macrosomia	Dr T P Baskaran
03.50-04.00 PM	Discussion	
04.00-05.00 PM	Growth Dilemmas - Panel Discussion	<b>Moderator:</b> Dr Uma Ram <b>Panelists:</b> Prof Zarko Alfirevic Dr Kushagradhi Ghosh Dr Meenu Batra Dr V Lakshmi
05.00 PM	TEA BREAK	

# Conference Day 1 - FETAL MEDICINE

Coordinators - Dr Jagruti M, Dr S Deepthi & Ms Vaishnavi Reddy

Time	Program	Faculty
08.00 AM	Registration	
08.30-08.40 AM	Welcome	
<b>SESSION 1: 08.40 - 11.05 AM</b>		
08.40-09.15 AM	Invited Presentations   Judges: Dr Ranjit Akolekar & Dr B S Ramamoorthy	
08.40-08.50 AM	Isolated cases of Flat Facial profile - Familial or pathological? - An analytical study	Dr Deepthi Jammi
08.50-09.00 AM	Ultrasound Markers in Agnesis of Corpus Callosum - A review	Dr Lakshmy Ravi
09.00-09.15 AM	Prenatal series of Heterotaxy without Intrinsic Cardiac Abnormality - A Retrospective Analysis	Dr Sathyalakshmi Balusamy
09.15-09.35 AM	Doppler in the First trimester	Dr Aparna Kulkarni
09.35-10.00 AM	First trimester anomaly detection - How good are we?	{ Dr Lata S Mrs Vijayalakshmi Raja
10.00-10.25 AM	<b>Conference lecture:</b> Non invasive PND - Is it the way forward?	Dr Ranjit Akolekar
10.25-10.35 AM	DISCUSSION	
10.35-11.05 AM	<b>Keynote address:</b> Malformations of Cortical Development	Dr B S Ramamurthy
11.05-11.30 AM	COFFEE BREAK	
<b>SESSION 2: 11.30 AM - 01.15 PM</b>		
11.30-11.40 AM	The Three Vessel Trachea view - A Window of Opportunities	Dr Nitin Chaubal
11.40-11.50 AM	The Echogenic Lung	Dr Pooja Vazirani
11.50 AM-12.10 PM	Extraluminal Cystic Spaces in the Fetal Abdomen	Dr Boopathy Vijayaraghavan
12.10-12.30 PM	Renal Pelviectasis - Aggression or Observation	Dr Bimal Sahani
12.30-12.45 PM	DISCUSSION	
12.45-01.15 PM	<b>Keynote address:</b> Ultrasound for prevention of Preterm Labour	Prof Zarko Alfirevic
01.15-02.15 PM	LUNCH BREAK	
<b>SESSION 3: 02.15 - 05.00 PM</b>		
02.15-02.35 PM	Functional Evaluation of the Fetal Heart	Dr C Shanthi
02.35-02.55 PM	Placental Pathology - Going beyond Ultrasound	Dr Sunil Jaiman
02.55-03.10 PM	Unexplained Oligohydramnios in Third Trimester - Should we Deliver?	Prof Zarko Alfirevic
03.10-03.25 PM	DISCUSSION	
03.25-04.00 PM	Dilemmas in Reporting - Panel Discussion	<b>Moderator:</b> Prof S Suresh <b>Panelists:</b> Dr B S Ramamurthy Dr Mayank Chowdhry Dr Suseela Vavilala
04.00-05.00 PM	The CUSP Quiz	Quiz Maseter Prof S Suresh

## Conference Day 2 - GENERAL ULTRASOUND

*Coordinators - Dr D G Dharanidharan, Dr L Anitha & Dr N Shyamala*

Time	Program	Faculty
08.00 AM	Registration	
08.45-09.00 AM	Welcome	
<b>SESSION 1: Ultrasound - Expanding horizons 09.00 - 11.00 AM</b>		
09.00-09.20 AM	ARTSENS - A new Innovation	Dr. Jayaraj Joseph
09.20-09.40 AM	Lung Ultrasound "Airing the Diagnosis"	Dr Nitin Chaubal
09.40-10.00 AM	Endo-Bronchial Ultrasound - "Peeping into the Airspaces"	Dr Narasimhan Raghupathy
10.00-10.20 AM	Liver Elastography - Are we there yet?	Dr S Vivekanandan
10.20-10.40 AM	Abdominal US - The road less travelled	Dr R Udayakumar
10.40-11.00 AM	DISCUSSION	
11.00-11.30 AM	COFFEE BREAK	
<b>SESSION 2: 11.30 AM - 01.10 PM</b>		
11.30-11.50	Ultrasound in Varicose Veins	Dr S Manohar
11.50 AM-12.10 PM	Ultrasound in precocious puberty	Dr Arun Kinare
12.10-12.30 PM	US in Paediatric GI Emergency	Dr Bhupendra Ahuja
12.30-12.50 PM	<b>Keynote address:</b> US in Pelvic pain	Prof Lil Valentin
12.50-01.10 PM	Discussion	
01.10-02.10 PM	LUNCH BREAK	
<b>SESSION 3: 02.10 - 03.45 PM</b>		
02.10-02.30 PM	Ultrasound in Male Infertility	Dr Sudheer Gokhale
02.30-02.50 PM	Ultrasound of the Brachial plexus	Dr P K Srivastava
02.50-03.10 PM	Ultrasound of the Ankle joint - Tips & Tricks	Dr Ashwin Lavande
03.10-03.30 PM	Contrast Ultrasound and RFA - A dialogue	{ Dr Asif Momin Dr Nitin Chaubal
03.30-03.45 PM	Discussion	
04.00 PM	TEA BREAK	

## Conference Day 2 - FETAL INTERVENTIONS

Coordinators - Dr Sathyalakshmi, Dr Roopa Shinde & Dr Beena

Time	Program	Faculty
08.00 AM	Registration	
08.20-08.30 AM	Welcome	
<b>SESSION 1: 08.30 - 10.55 AM</b>		
08.30-08.40 AM	Sighting the Needle	Dr Radhika Ramesh
08.40-09.00 AM	Fetal diagnostic interventions - Timing, Choice & Technique	Dr Ranjit Akolekar
09.00-09.20 AM	<b>Case studies</b> - Choosing the right Genetic test - Dialogue	{ Dr Vandana Bansal { Dr Sujatha Jagadeesh Dr Gazala Jabeen
09.20-09.40 AM	The "failed test" - Why & what next?	
09.40-09.50 AM	DISCUSSION	
09.50-10.10 AM	Late onset fetal conditions - An approach to management	Dr Bijoy Balakrishnan
10.10-10.30 AM	Rh isoimmunization - Do's & Dont's	Dr Prathima Radhakrishnan
10.30-10.45 AM	Multifetal Reduction - Points to ponder	Dr Chitra Andrew
10.45-10.55 AM	DISCUSSION	
10.55-11.20 AM	COFFEE BREAK	
<b>SESSION 2: 11.20 AM - 01.30 PM</b>		
11.20-11.50 AM	Invited Presentations   Judges: Dr Ranjit Akolekar & Dr Prathima Radhakrishnan	
11.20-11.30 AM	Novel Mutations in two Indian families with Crigler Najjar Syndrome	Dr Beena
11.30-11.40 AM	EXIT procedure for Congenital Diaphragmatic Hernia	Dr Ajit Patil
11.40-11.50 AM	Retrospective analysis of Antenatally diagnosed cases of Micrognathia	Dr Unnathi
11.50 Am-12.00 Noon	Fetal Skin Biopsy	Dr B Sathyalakshmi
12.00 Noon-12.10 PM	Fetal Urinary Ascites - Good or Bad?	Dr Sudarshan Suresh
12.10-12.30 PM	Fetal Obstructive Uropathy - To Treat (or) Not To Treat - Evidence based Approach	Dr Vandana Chadda
12.30-12.50 PM	Shunting for Thoracic conditions	Dr Prathima Radhakrishnan
12.50-01.10 PM	The Complicated Twin - A role play	Prof S Suresh
01.10-01.30 PM	DISCUSSION	
01.30-02.15 PM	LUNCH BREAK	
<b>SESSION 3: 02.15 - 04.00 PM</b>		
02.15-02.45 PM	<b>Keynote address:</b> Fetal interventions in Twins - Decision making and Technique	Prof Yves Ville
02.45-03.15 PM	Fetal therapy - Q & A	Prof Yves Ville
03.15-04.00 PM	Challenges in Fetal Medicine - Panel Discussion	<b>Moderator:</b> Prof S Suresh <b>Panelists:</b> Dr Bijoy Balakrishnan Dr Priti Venkatesh Dr T P Baskaran Dr Uma Ram
04.00 PM	TEA BREAK	

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