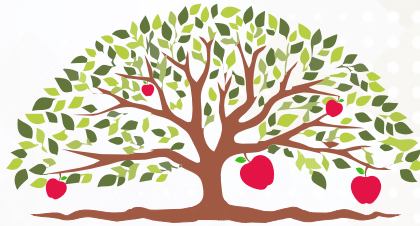




XVI International Conference on Clinical UltraSonography in Practice CUSP 2018

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APPROVED COURSE



FROM ROOTS TO FRUITS



**27th - 30th
September, 2018**

**Chennai Trade Centre
Nandambakkam, Chennai**



**Conference Secretariat
MediScan Systems**

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

Tel: 044 - 2835 0083 | Mob: +91 - 97910 98998

E-Mail ID: Secretariat: secretariat@cusp.org.in | Delegate Registration: register@cusp.org.in

Website: www.cusp.org.in

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Ultrasound | Fetal Care | Genetics | Perinatal Pathology

Welcome Note

Clinical Ultrasonography in Practice (CUSP) is a biennial conference that has always drawn people to Chennai, to share, discuss, and learn as well as to meet and renew friendships and acquaintances. Like we do each year, the team has worked to put together a program that promises to reinforce strong concepts, ease out controversies and explain the intricacies of newer technology.

This XVI CUSP is proud and happy to offer the basic ISUOG obstetric ultrasound training as part of the program. This is a systematic learning programme of four sessions consisting of thirty-five modules put together. Along with a choice of focussed workshops and interactive scientific sessions, this year's conference covers a wide range of topics in Obstetrics, gynaecology, general ultrasound genetics and fetal medicine true to the theme "from roots to fruits".

A distinguished national and international faculty will share their knowledge on the advancements in this field and also reiterate the need for strong fundamentals. Our faculty are always known to deliver concepts well and there will be ample time to interact with them. There is an excellent opportunity for presenting your own work through posters and oral presentations.

Chennai remains a place of tradition and culture where the sound of music and rustle of silk mingles seamlessly with medical expertise and knowledge.

We welcome you to be part of it all. Come and join the CUSP family between the 27th & 30th of September 2018.



Dr Suresh S
Organising Chairperson



Dr Nithyakalyani G
Organising Secretary



Dr Indrani Suresh
Organising Chairperson



Dr Sudarshan S
Jt. Organising Secretary

1a. Genetics in Obstetric Practice

Co-ordinators: Dr Sujatha Jagadeesh, Dr Beena Suresh, Dr Jayarekha Raja & Ms Lakshmi N

Time	Program	Speaker
08.45 - 09.00	Prayer & Welcome Address	
Session 1 - Introduction to Genetics <i>Co-ordinator: Dr Sujatha Jagadeesh</i>		
09.00 - 09.20	'ABC' of chromosomes	Dr Sujatha Jagadeesh
09.20 - 09.40	'Bird's eye view' of Single gene disorders	Dr Koumudi Godbole
09.40 - 10.00	Genetics History Taking - 'Learn how to do it'	Dr Jayarekha Raja
10.00 - 10.20	Pedigree Drawing - 'Basics / symbols'	Dr Beena Suresh
10.20 - 10.30	Audience Interaction	
10.30 - 11.00	<i>Coffee Break</i>	
Session 2 - Testing and Interpretation <i>Co-ordinator: Dr Beena Suresh</i>		
11.00 - 11.20	Karyotype - Indications, Sample & Techniques	Dr Gazala Jabeen
11.20 - 11.40	Chromosome testing - beyond karyotype	Dr Sheela Nampoothiri
11.40 - 12.00	Molecular testing: Indications, Sample & Techniques	Dr Rajiv Rose
12.00 - 12.45	Understanding molecular genetic reports - A discussion	Dr Beena Suresh; Dr Rajiv Rose; Dr Sujatha Jagadeesh
12.45 - 13.00	Audience Interaction	
13.00 - 14.00	<i>Lunch Break</i>	
Session 3 - Clinical application of genetic concepts <i>Co-ordinator: Dr Jayarekha Raja</i>		
14.00 - 14.30	Prenatal invasive testing - When, How, Why?	Dr Sujatha Jagadeesh
14.30 - 15.00	Counselling with perinatal pathology - 'The difference'	Dr Sudarshan S
15.00 - 15.30	Index Case workup - 'The need'	Dr Koumudi Godbole
15.30 - 15.45	Audience Interaction	
Session 4 - Interactive session with delegates <i>Co-ordinator: Ms Lakshmi N</i>		
15.45 - 16.30	Pedigree Drawing	Dr Jayarekha Raja / Ms Lakshmi N
16.30 - 17.00	Mock counselling session	Dr Pradeep Kumar M / Dr Sheela Nampoothiri / Dr Sujatha Jagadeesh
17.00 - 17.30	Quiz	Dr Beena Suresh
17.30	<i>Tea</i>	

1b. 3D / 4D in Obstetric Ultrasound

Co-ordinators: Mrs Vijayalakshmi Raja & Mrs Bhavani Kugan

Time	Program	Speaker
08.45 - 09.00	Prayer & Welcome Address	
Session 1 - Basic Principles		
09.00 - 09.15	Introduction to 3D / 4D Ultrasound	
09.15 - 09.30	Acquisition of Volumes	Dr Sudarshan S
09.30 - 10.00	Knowing the knobs	
10.00 - 10.30	Coffee Break	
Session 2 - 3D Rendering & STIC and Newer Technology		
10.30 - 11.15	Head	Dr Prashanth Acharya
11.15 - 11.45	Clinical Application in Newer technologies	Dr Prashanth Acharya
11.45 - 12.15	Introduction / Principles of STIC	Dr Rama Murthy B.S
12.15 - 13.00	Working with STIC Volumes	Dr Rama Murthy B.S
13.00- 14.00	Lunch Break	
Session 3 - 3D Rendering		
14.00 - 14.45	Limbs	Dr Ashok Khurana
14.45 - 15.30	Face	Dr Ashok Khurana
15.30 - 16.15	Spine	Dr Lakshmi Ravi
16.15 - 16.50	Working with unknown volumes	
16.50 - 17.00	Audience Interaction	
17.00	Tea	

2a. GIT - Embryology to Management

Co-ordinators: Mrs Devaki Gopish & Dr Thamarai

Time	Program	Speaker
08.45 - 09.00	Prayer & Welcome Address	
Session 1 - The roots		
09.00 - 09.20	Embryology of fetal bowel	Dr Haripriya G
09.20 - 10.10	Understanding Normal Fetal Bowel - Combined presentation with Live Demo	Dr Meenu Batra / Dr Deepthi Jammi
10.10 - 10.30	Embryological Remnants - Diagnosis & Implications	Dr Chander Lulla
10.30 - 10.50	Audience Interaction	
10.50 - 11.20	Coffee Break	
Session 2 - Obstructive bowel		
11:20 - 11:30	Imaging the fetal Esophagus - From NT to term	Dr Preeti Venkatesh
11.30 - 11.45	Upper tract obstruction	Dr Praveen T.L.N
11.45 - 12.00	Jejuno - Ileal obstruction	Dr Chinmayee Ratha
12.00 - 12.15	Large bowel & Anorectal anomalies	Dr Aparna Kulkarni
12.15 - 12.30	Malrotation of gut	Dr Boopathi Vijayaraghavan S
12.30 - 12.45	Prenatal diagnosis of bowel pathology - Audit by a fetal pathologist	Dr Harish Kumar E
12.45 - 13.15	Bowel obstructions - Antenatal counseling for post natal prognosis	Dr Balagopal S
13.15 - 13.30	Audience Interaction	
13.30 - 14.30	Lunch Break	
Session 3		
14.30 - 14.50	Uro-rectal Septal Malformations	Dr Indrani Suresh
14.50 - 15.05	Invasive testing in Fetal GI disorders	Dr Neha Agrawal
15.05 - 15.25	Recurrent bowel pathology - Counseling and management	Dr Koumudi Godbole
15.25 - 15.35	Audience Interaction	
15.35 - 16.30	Case based discussion - Fetal bowel Pathologies Moderator: Dr Bijoy Balakrishnan	Panelists: Dr Balagopal S; Dr Mayank Chowdhury; Dr Radhika Ramesh
16.30	Tea	

2b. Gynaec Ultrasound - From pattern to Diagnosis

Co-ordinators: Dr Beena Suresh & Dr Jayarekha Raja

Time	Program	Speaker
08.45 - 09.00	Prayer & Welcome Address	
Session 1 - Systematic Approach to Gynaec Imaging		
09.00 - 09.40	Normal Pelvic Imaging - Live Demo	Dr Nithyakalyani G
09.40 - 10.10	Tips and Tricks in Gynaec Imaging	Dr Mala Sibal
10.10 - 10.30	Primary Amenorrhoea - A Sonoclinical Approach	Dr Jyothi Chaubal
10.30 - 10.40	Audience Interaction	
10.40 - 11.10	Coffee Break	
Session 2 - Recent trends in Imaging		
11.10 - 11.30	3D in Uterine Anomalies	Dr Sonal Panchal
11.30 - 12.00	Live Demo - 3D Imaging of Uterus	Dr Mala Sibal / Dr Sonal Panchal
12.00 - 12.20	Contrast Enhanced Gynaec Ultrasound	Dr Rajas Chaubal
12.20 - 12.50	Poly Cystic Ovaries - Newer Concepts	Dr Sonal Panchal
12.50 - 13.00	Audience Interaction	
13.00 - 14.00	Lunch Break	
Session 3 - Evaluation of Pelvic Pathology		
14.00 - 14.30	Evaluation of Adnexal Mass	Dr Shabnam Bobdiwala
14.30 - 14.50	Colour Doppler in Gynaec Imaging	Dr Poornima N
14.50 - 15.10	Deep infiltrating Endometriosis	Dr Sridevi K.V
15.10 - 15.40	Live Demo - Pelvic pathology	Dr Mala Sibal / Dr Sridvevi K.V
15.40 - 15.50	Audience Interaction	
15.50 - 16.35	Panel Discussion: Case based Approach Moderator: Dr. Shobana Mahadevan	Panelists: Dr Jyothi Chaubal; Dr Poornima N; Dr Rekha Kurian; Dr Shabnam Bobdiwala
16.35 - 17.15	JUST Images - Audience Interaction	Dr Mala Sibal
17.15	Tea	

3. ObGyn Ultrasound

Co-ordinators: Dr Uma Ram & Dr Poornima Ramkumar

Time	Program	Speaker
07.30 - 08.15	Registration	
08.15 - 08.30	Welcome Address	
08.30 - 09.00	Invited presentations	
Session 1 - Screening		
09.00 - 09.05	HOW TO: Cervical length	Dr Mounika Kachakayala
09.05 - 09.20	WHAT IF: Abnormal cervix	Dr Suseela Vavilala
09.20 - 09.40	I trimester detection of aneuploidy other than T21	Dr Geetha Kolar
09.40 - 09.50	Audience Interaction	
09.50 - 10.30	Panel Discussion: Screening gone awry - Case studies Moderator: Dr Suresh S	Panelists: Dr Manikandan K; Dr Sumana Manohar; Dr Veena Acharya; Dr Vidyalakshmy R
10.30 - 10.50	Keynote address: Optimal integration of NIPT in practice	Prof Jon Hyett
10.50 - 11.20	Coffee Break	
Session 2 - Mixed bag		
11.20 - 11.30	HOW TO & WHAT IF: Uterine Artery Doppler	Dr Kirti Sharma Dr Sarika Pansare Dr Ranjit Akolekar
11.30 - 11.50	Keynote address: Predicting still birth in the first trimester	
11.50 - 12.05	The Low implanted sac - Implications & Management	Dr Preeti Parekh Tomar
12.05 - 12.20	Understanding fetal growth patterns	Dr Sudarshan S
12.20 - 12.35	Fetal Growth In diabetic pregnancies	Dr Uma Ram
12.35 - 12.55	Audience Interaction	
12.55 - 13.10	Honouring a Legend: Prof Walfrido W Sumpaico	
13.10 - 13.30	Key note address: Reducing the burden of Pre-eclampsia - How close are we?	Prof Walfrido W Sumpaico
13.30 - 14.40	Lunch Break	
Session 3		
14.40 - 14.55	Placental findings - Good, bad and ugly	Dr Bhupendra Ahuja
14.55 - 15.10	Ultrasound in obstetric emergencies and decision making	Dr Srivastava P.K
15.10 - 15.40	Debate: CPR assessment - For all fetuses near term: yes / no	Dr Ranjit Akolekar / Prof Jon Hyett
15.40 - 15.50	Intrapartum ultrasound: Does it improve decision making?	Dr Amrita Karthik
15.50 - 16.05	Evolving renal anomalies	Dr Bimal Sahani
16.05 - 16.20	Audience Interaction	
16.20 - 16.50	MOCK COURT	Dr Chitra Ganesh / Dr Cheran / Dr Preeti Venkatesh
17.00 - 17.30	Invited presentations	
17.30 - 18.30	THE GRAND SONO-QUIZ	Dr Suresh S & Team

4a. Fetal Medicine

Co-ordinators: Dr Sudarshan S & Dr Shanthi C

Time	Program	Speaker
07.45 - 07.55	Welcome Address	
07.55 - 08.30	Invited presentations	
Session 1		
08.30 - 08.40	HOW TO & WHAT IF: Intracranial Lucency	Dr Ameer Shah & Dr Sindhu P
08.40 - 08.55	Diagnosis of 'Agenesis of Corpus Callosum' in First Trimester	Dr Ladbans
08.55 - 09.05	Boderline findings in first trimester scan	Dr Indrani Suresh
09.05 - 09.35	IN CONVERSATION: First trimester anomaly detection: How good are we ?	Dr Lata S & Dr Sudarshan S
09.35 - 09.55	Key Note address: Fetal intracranial findings with favourable outcome	Dr Ramamurthy B.S
09.55 - 10.10	Fetal Posterior Fossa Lesions	Dr Chitra Andrew
10.10 - 10.20	HOW TO & WHAT IF: Placental cord attachment	Dr Ponmozhi G & Dr Pundalik Baliga
10.20 - 10.35	Audience Interaction	
10.35 - 11.00	Coffee Break	
Session 2 - Investigating the fetus - USG and beyond		
11.00 - 11.10	HOW TO & WHAT IF: ARSA	Dr Sreeja P.S
11.10 - 11.25	Prenatal diagnosis: Choosing the right test	Dr Sujatha Jagadeesh
11.25 - 11.40	Confirming fetal infections - Is it always possible?	Dr Shanthi Sairam
11.40 - 11.55	Fetal ascites - Etiology, natural history & outcomes	Dr Vivek Krishnan
11.55 - 12.10	Heterotaxy - Beyond cardiac lesions	Dr Bijoy Balakrishnan
12.10 - 12.25	Audience Interaction	
12.25 - 13.15	Panel discussion: Fetal therapy - Dilemmas and decisions Moderator: Dr Suresh S	Panelists: Dr Janak Desai; Prof Jon Hyett; Dr Lakshmi V; Dr Bijoy Balakrishnan
13.15 - 14.15	Lunch Break	
14.15 - 14.25	Product presentation	
Session 3 - Cardiac		
14.25 - 14.35	HOW TO & WHAT IF: Assessment of myocardial performance	Dr Pio James J & Dr Sumit
14.35 - 14.50	Perinatal course of duct dependent lesions	Dr Balu Vaidyanathan
14.50 - 15.05	Handling Fetal Arrhythmia	Dr Shanthi C
15.05 - 15.15	Audience Interaction	
Session 4 - Multiple pregnancy		
15.15 - 15.30	sIUGR decision making guides	Dr Suresh S
15.30 - 15.45	TTTS: Evaluation & decision making - Beyond Quintero	Prof Jon Hyett
15.45 - 16.00	Multi-fetal reduction - Dilemmas	Dr Veena Acharya
16.00 - 16.15	Audience Interaction	
16.15 - 16.30	Valedictory & Wrap-up	

4b. General Ultrasound

Co-ordinators: Dr Dharanidharan D.G & Dr Anitha L

Time	Program	Speaker
08.00 - 08.25	Registration	
08.25 - 08.30	Welcome Address	
Session 1 - New Technologies		
08.30 - 09.00	CEUS: Basics & Clinical applications	Dr Peter N Burns
09.00 - 09.20	Elastography Liver, following guidelines	Dr Chander Lulla
09.20 - 09.40	Elastography small parts	Dr Nitin Chaubal
09.40 - 10.00	Fusion Imaging	Dr Asif Momin / Samsung
10.00 - 10.15	Audience Interaction	
10.15 - 10.45	Keynote address: Emerging technologies in Ultrasound	Dr Peter N Burns
10.45 - 11.15	Coffee Break	
Session 2 - From roots to fruits		
11.15 - 11.35	Lung Ultrasound	Dr Asif Momin
11.35 - 11.55	Rational approach to GI ultrasound	Dr Ravi Kadasne
11.55 - 12.15	TIRADS: Time we adapted	Dr Rajas Chaubal
12.15 - 12.25	Audience Interaction	
12.25 - 12.45	3D Sono MR of bones	Dr Srivastava P.K
12.45 - 13.05	USG in pain management	Dr Ravi Krishna K
13.05 - 13.25	USG of Breast - where are we today?	Dr Rupa Ananthasivan
13.25 - 13.35	Audience Interaction	
13.35 - 14.35	Lunch Break	
Session 3 - Meeting clinician's expectations		
14.35 - 15.05	Hernias	Dr Nitin Chaubal / Dr Sandeep Murali
15.05 - 15.35	Varicose veins	Dr Mohit Shah / Dr Vidyasagar
15.35 - 16.05	Peripheral arterial Doppler	Dr Mohit Shah / Dr Vidyasagar
16.05 - 16.15	Audience Interaction	
16.15 - 16.35	Shoulder Ultrasound	Dr Ashwin Lavande
16.35 - 16.55	Knee ultrasound	Dr Balaji
16.55 - 17.15	Inflammatory Arthritis	Dr Ashwin Lavande
17.30	Wrap-up	



Basic Training - Full theoretical programme of Ultrasound in Obstetrics and Gynaecology

27th to 30th September, 2018

A foreword

ISUOG's Basic Training programme in Obstetric and Gynaecological Ultrasound is going to be held for four days during CUSP 2018 from 27th to 30th September 2018 at Chennai trade centre, Chennai.

It is a systematic learning programme of 4 days consisting of "specially designed modules" by the ISUOG Educational Committee.

Objective

To introduce a systematic approach to obstetric and gynaecological scan as per ISUOG protocol.

Key features

- ISUOG International Faculty
- Didactic lectures by International experts
- Interactive sessions

Target Audience

- Sonologists, Obstetricians, Gynaecologists and Radiologists
- PGs doing ObGgyn and Radiology are encouraged to apply

Please note:

This is a basic course in Ob/Gyn ultrasound aimed at trainees and professionals who are new to ultrasound.

- This course will run parallel to the CUSP conference (all 4 days)
- Delegates can register either for the 'Basic Training' or 'CUSP'
- Fee mentioned is inclusive of 18% GST

Skills Acquirable

This training will equip doctors and medical professionals with the knowledge, professional skills, attitudes and clinical competencies to use ultrasound imaging in an appropriate and safe manner. Moreover, it will provide the ability to handle patients with empathy and confidence.

Enroll in this programme and master the basics of Obstetric & Gynaecologic Ultrasound to bring out the best in women's and fetal imaging.

Organising Committee

Organising Chairpersons

Dr Suresh S
Dr Indrani Suresh

Organising Secretary

Dr Nithyakalyani G

Joint Organising Secretary

Dr Sudarshan S

Workshop Co-ordinators

Dr Beena Suresh
Mrs Bhavani Kugan
Mrs Chandra Ganesh
Mrs Jayalakshmi Ramesh
Dr Thamarai Ram

Scientific Committee

Dr Sujatha Jagadeesh
Dr Uma Ram
Dr Lata S
Dr Shanthi C

Executive Members

Mrs Devaki Gopish
Dr Dharanidharan D.G
Dr Nagalakshmi V
Mrs Subbalakshmi Raghavan
Mrs Vijayalakshmi Raja

International Faculty

Prof Jon Hyett **Australia**
Dr Peter N Burns **Canada**
Dr Ranjit Akolekar **UK**

Dr Shabnam Bobdiwala **UK**
Dr Shanthi Sairam **Dubai**
Prof Walfrido W Sumpaico **Philippines**

National Faculty

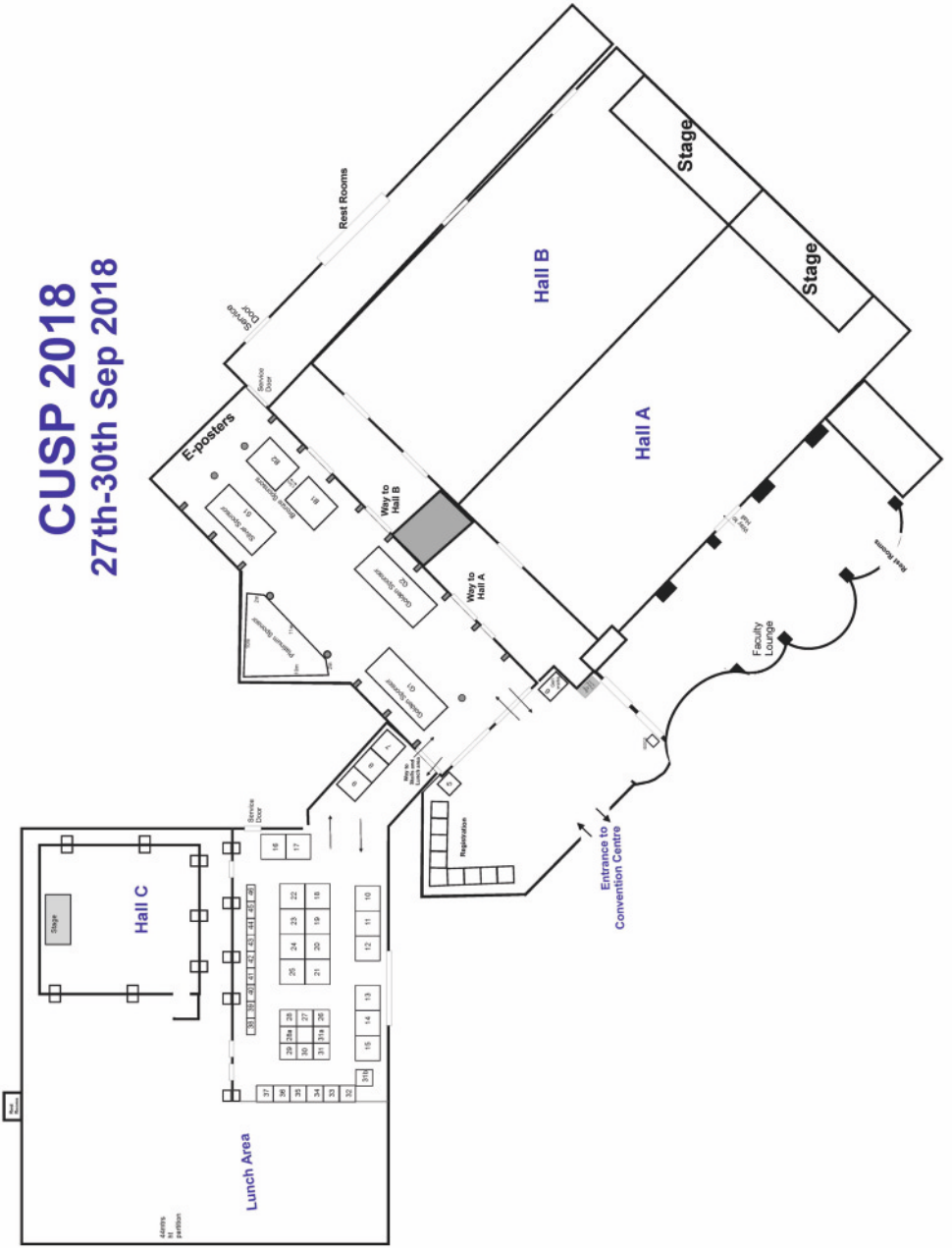
Dr Ameer Shah
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Dr Aparna Kulkarni
Dr Ashok Khurana
Dr Ashwin Lavande
Dr Asif Momin
Dr Balagopal S
Dr Balaji
Dr Balu Vaidyanathan
Dr Beena Suresh
Dr Bhupendra Ahuja
Dr Bijoy Balakrishnan
Dr Bimal Sahani
Dr Boopathy Vijayaraghavan S
Dr Chander Lulla
Dr Cheran
Dr Chinmayee Ratha
Dr Chitra Andrew
Dr Chitra Ganesh
Dr Deepthi Jammi
Dr Gazala Jabeen
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Dr Ladban
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Dr Lakshmi Ravi
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Dr Manikandan K
Dr Mayank Chowdhury
Dr Meenu Batra
Dr Mohit Shah
Dr Mounika Kachakayala
Dr Neha Agrawal
Dr Nithyakalyani G
Dr Nitin Choubal
Dr Pio James J
Dr Ponmozhi G
Dr Poornima N
Dr Pradeep Kumar M
Dr Prashanth Acharya
Dr Praveen T.L.N
Dr Preeti Parekh Tomar
Dr Preeti Venkatesh
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Dr Rajas Choubal

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CUSP 2018

27th-30th Sep 2018



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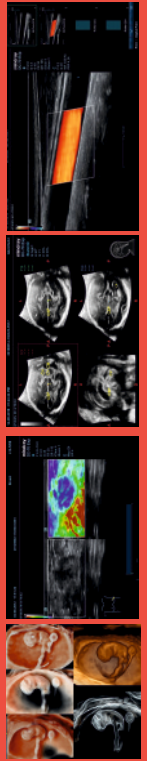
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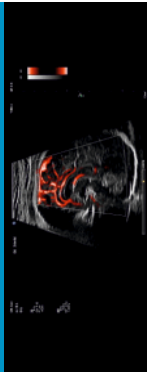
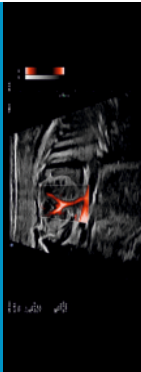
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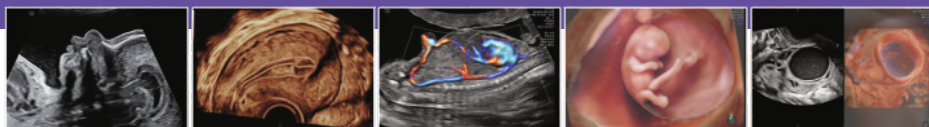


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For further details please contact:

Senthilkumar T
General Manager Women's Health Ultrasound

☎ 7259201293
✉ senthilkumar.t@med.ge.com

Bharath C
General Manager

☎ 9717770384
✉ bharath.c@ge.com

*Compared to Voluson Expert Series BT13.

** Comparison performed using VE10 and eM6C probe BT18 and VE10 and mechanical RAB6 probe BT18

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