



XXVIII

International Conference on Clinical UltraSonography in Practice

CUSP 2024

Block Your Dates
26th to 29th
September 2024

TNMC Credits



Scan for Registration



Venue
Chennai Trade Centre
Nandambakkam
Chennai.

Conference Secretariat

Dr.Suresh Mediscan Systems Private Limited

Subhiksha, No.252, Royapettah High Road, Mylapore,

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Welcome Note

Welcome to XVIII CUSP !

We are thrilled to announce the **XVIII Clinical Ultrasonography in Practice (CUSP)** conference, scheduled from **September 26th to September 29th, 2024** at the prestigious Chennai Trade Centre in Chennai. CUSP has established itself as an international platform dedicated to advancing knowledge and insight in the field of Clinical Ultrasonography and Fetal Medicine. This year, our theme "**3Ds: Diagnosis - Determinants - Decisions**" underscores the need for comprehensive understanding to improve patient care.

Join us for six enriching workshops covering a wide array of topics such as Point-of-Care Ultrasound in NICU, Know your ultrasound machines, Fetal GUT, Gynaec Ultrasound, Fetal Intervention, and Practical Genetics. The 2 conference days will focus on OBGYN ultrasound and Fetal Medicine .

We are honored to host eminent speakers both national and international, who will share their expertise and insights. We encourage you to share your experiences and research by submitting abstracts for oral and e-poster presentations, with exciting competitions and prizes awaiting the winners. While in Chennai, take the opportunity to explore this vibrant city, known for its rich cultural heritage and iconic landmarks.

We look forward to welcoming you to XVIII CUSP for an enriching and memorable experience.

Best Wishes !!

Dr. S. Suresh & Dr. Indrani Suresh
Organising Chairpersons

1a. Point of Care of Ultrasound in the NICU (POCUS)

Co-ordinator: Dr. Nagalakshmi Sreedhar, Dr. Shyamala N, Dr. Anitha Kumari Lakum

Time	Program	Speaker
08.30 - 09.00	Registration	
Session 1 - Neonatal Brain & Spine		
09.00 - 09.10	Welcome and Scope of Workshop	Dr. Indrani Suresh
09.10 - 09.30	Imaging the Newborn - Indications, Implications and Decision Making	Dr. Nagalakshmi Sreedhar
09.30 - 10.30	Imaging the Brain & Spine - A systematic approach - Lecture and Demonstration on Simulator	Dr. Priscilla Joshi
10.30 - 10.45	Audience Interaction	Dr. Lakshmi V
10.45 - 11.15	Coffee Break	
Session 2 - Neonatal Lung & Abdomen		
11.15 - 12.00	Neonatal Lung Ultrasound vs X-ray Chest - One or both? - Lecture and Demonstration on Simulator	Dr. Kasi Visalakshi
12.00 - 12.45	Prenatal and Postnatal Abdominal Imaging - a continuum - Lecture and Demonstration on Simulator	Dr. Alka Karnik
12.45 - 13.00	Audience Interaction	Dr. Lakshmi V
13.00 - 14.00	Lunch Break	
Session 3 - Neonatal Cardiac Imaging & Case Based Discussions		
14.00 - 14.45	Case Based Discussions (CNS, Abd, Lung)	Moderator : Dr. Lakshmi V Panelists : Dr. Kasi Visalakshi, Dr. Alka Karnik, Dr. Priscilla Joshi
14.45 - 15.00	Neonatal Echo - When and How?	Dr. Karthik Surya
15.00 - 15.15	Neonatal Echo - The Normal Heart (Demonstration on Simulator)	Dr. Sangeetha Viswanathan
15.15 - 15.30	Neonatal Echo - The Abnormal Heart	Dr. Shanthi C
15.30 - 15.45	Audience Interaction	Dr. Lakshmi V
15.45 - 16.30	Neonatal Cardiac Case Based Discussion	Moderator : Dr. Sangeetha Viswanathan Panelists : Dr. Karthik Surya, Dr. Shanthi C
16.30 - 17.00	Image Reading by Audience	Dr. Nagalakshmi Sreedhar

1b. 2D/3D Imaging in OBGYN ultrasound - Optimal use of technology (Know your ultrasound machine)

Co-ordinator: Dr.Dharanidharan, Dr. Radhika Ramesh, Dr. Rekha M, Mrs. Jayalakshmi Ramesh, Mrs. Bhavani Kugan

Time	Program	Speaker
08.00 - 08.45	Registration	
Session 1 - First Trimester		<i>Session Mentor: Dr. Suresh S</i>
08.45 - 09.00	Welcome and Scope of Workshop	Dr. Suresh S
09.00 - 10.00	LIVE / VIDEO DEMO Optimising transabdominal image - B mode / Doppler & Acquiring 3D in FTS	Dr. Ranjit Akolekar / Dr. Preeti Tomar
10.00 - 10.20	First trimester fetal situs & Normal cardiac imaging	Dr. Chinmayee Ratha
10.20 - 10.40	The fetal cranial anatomy / Face	Dr. Lakshmy Ravi
10.40 - 11.00	First trimester Image Audit by audience	Dr. Shanthi Sairam
11.00 - 11.30	Coffee Break	
Session 2 - Second Trimester		<i>Session Mentor: Dr. Shanthi Sairam</i>
11.30 - 12.15	Optimising B mode image in the 2nd trimester Optimising & measuring Doppler - 2nd trimester Obtaining the best image - (20+2 planes) Basic & extended imaging	Dr. Usha Sahadevan / Dr. Aparna Kulkarni
12.15 - 12.40	2D/3D The fetal spine - beyond the "Railroad"	Dr. Chander Lulla
12.40 - 13.05	Fetal Brain - 2D / 3D	Dr. Prashant Acharya
13.05 - 13.30	Fetal Cardiac 2D colour & STIC	Dr. Balaganesh Karmegaraj
13.30 - 14.30	Lunch Break	
Session 3 - Third Trimester		<i>Session Mentor: Dr. Radhika Ramesh</i>
14.30 - 14.50	The third trimester fetal anatomy - imaging & limitations	Dr. Chitra Ganesh
14.50 - 15.10	Estimation of Fetal size and growth	Dr. Chitra Andrew
15.10 - 15.30	Estimating liquor in the third trimester - Not so simple?	Dr. Sathiya Senthil
15.30 - 15.40	Audience interaction	
15.40 - 16.00	Image audit - by Audience	Dr. Shanthi Sairam
16.00 - 16.20	AI in OBGYN ultrasound current technologies - live demo	Dr. Suresh S
16.20 - 17.00	Exploring new technologies - Tete -a- Tete with application specialists	GE / Mindray / Sonoscape / Samsung
17.00	Closing remarks	

1c. Fetal GUT from Diagnosis to Intervention

Co-ordinator: Dr. Jyoti Singh, Dr. Neha Mohindroo, Mrs. Vijayalakshmi Raja, Mrs. Chandra Ganesh

Time	Program	Speaker
08.00 - 08.30	Registration	
Session 1 - GUT General Considerations		<i>Session Mentor: Dr. Sudarshan S</i>
08.30 - 08.40	Welcome and Scope of Workshop	Dr. Sudarshan S
08.40 - 09.10	Imaging the normal kidneys throughout gestation, Techniques & limitations (demo/video demo)	Dr. Sudarshan S / Dr. Neha Mohindroo
09.10 - 09.25	Assessing Fetal renal function - Ultrasound & Biomarkers	Dr. Gowrishankar Paramasivam
09.25 - 09.40	Positional anomalies of the kidneys - Diagnosis & implications	Dr. Ponmozhi G
09.40 - 10.00	The fetal bladder - Normal & abnormal	Dr. Suseela Vavilala
10.00 - 10.10	Audience interaction	
10.10 - 10.30	The fetal adrenal gland - a forgotten entity?	Dr. Seneesh Kumar V
10.30 - 10.50	Unilateral & Bilateral renal agenesis - Making the right diagnosis	Dr. Ranjit Akolekar
10.50 - 11.00	Audience interaction	
11.00 - 11.30	Coffee Break	
Session 2 - Mixed Bag		<i>Session Mentor: Dr. Sujatha Jagadeesh</i>
11.30 - 11.50	Understanding cystic renal disease	Dr. Chitra Andrew
11.50 - 12.10	Dealing with ambiguous genitalia	Dr. Ramamurthi B. S
12.10 - 12.30	Cloacal abnormalities - Challenges in diagnosis	Dr. Ramamurthi B. S
12.30 - 12.50	Genetic testing in urinary tract abnormalities - A problem based approach	Dr. Ratna Dua Puri
12.50 - 13.05	Audience interaction	
13.05 - 14.05	Lunch Break	
Session 3 - Fetal Obstructive uropathy		<i>Session Mentor: Dr. Sudarshan S</i>
14.05 - 14.25	Fetal Obstructive uropathy - diagnosis pathophysiology, current classifications and nomenclature	Dr. Khurshid Alam
14.25 - 14.45	Rupture of the urinary tract - Protective or destructive?	Dr. Suresh S
14.45 - 15.05	Relieving fetal obstruction - Techniques & current evidence	Dr. Vivek Krishnan
15.05 - 15.30	Dialogue : Fetal PUJ obstruction - what to tell prospective parents?	Dr. Lalitha Natarajan / Dr. Pavai Arunachalam
15.30 - 15.45	Fetal PUV Obstruction - A pediatric urologists perspective	Dr. Sripathi V
15.45 - 16.00	Audience interaction	
16.00 - 16.45	"The Reverse Panel" - Renal abnormalities - From Diagnosis to action	Presenter: Dr. Aishwarya Srivastav, Dr. Pranavi Bommireddy Discussion: Dr. Pavai Arunachalam / Dr. Sripathi V / Dr. Seneesh Kumar V / Dr. Vivek Krishnan
16.45 - 17.00	Wrap up and take home messages	

2a. Gynaec Ultrasound - From Basic to Advanced Technology

Co-ordinator: Dr. Nithyakalyani G, Dr. Nagalakshmi Sreedhar, Dr. Shyamala N, Mrs. Chandra Ganesh

Time	Program	Speaker
08.30 - 09.00	Registration	
	Session 1 - Essentials of Gynaec Scan	
09.00 - 09.10	Welcome and Scope of Workshop	Dr. Nithyakalyani G
09.10 - 09.35	Optimizing the Gynaec Scan: TA/TV (live/video demo)	Dr. Divya Singh / Dr. Nagalakshmi Sreedhar
09.35 - 09.55	Imaging the Vagina & Cervix - Beyond the routine	Dr. Mala Sibal
09.55 - 10.15	Fibroids : can we pick out the bad and ugly?	Dr. Ladbans Kaur
10.15 - 11.00	Identifying ovarian morphology - An image based interpretation	Dr. Mala Sibal
11.00 - 11.15	Audience interaction	Dr. Nithyakalyani G
11.15 - 11.45	Coffee Break	
	Session 2 - Role of Ultrasound in Infertility	
11.45 - 11.50	Introduction	Dr. Shyamala N
11.50 - 12.05	Gynaec scan - A fertility specialists perspective	Dr. Karpagambal Sairam
12.05 - 12.25	Synchronous and Asynchronous appearance of the endometrium & ovary	Dr. Ladbans Kaur
12.25 - 12.45	Imaging the Fallopian tubes - Practical techniques - Video Demo	Dr. Narayana Rao Ch. V
12.45 - 12.55	Audience interaction	Dr. Shyamala N
12.55 - 13.10	Image based interpretation - Audience	Dr. Nithyakalyani G
13.10 - 14.10	Lunch Break	
	Session 3 - Advanced Technique in Gynaec Imaging	
14.10 - 14.15	Introduction	Dr. Nagalakshmi Sreedhar
14.15 - 14.40	Deep infiltrating endometriosis : what the probe can see	Dr. Mala Sibal
14.40 - 15.10	3D/4D Gynaec Imaging & beyond	Dr. Manjula Virmani
15.10 - 15.30	Imaging in Gynaec Emergencies ultrasound and beyond	Dr. Divya Singh
15.30 - 15.50	Reporting Methodology Standardisation A Dialogue	Dr. Uma Ram / Dr. Mala Sibal
15.50 - 16.00	Audience interaction	Dr. Nagalakshmi Sreedhar
16.00	Coffee Break	
16.00 - 18.00	Gynec scan Practice on simulator	

2b. Prenatal and Perinatal Genetics

Co-ordinator: Dr. Beena Suresh, Dr. Poornima Ramkumar, Mrs. Chandhini Rajendran

Time	Program	Speaker
08.30 - 08.50	Registration	
Session 1 - Overview of Genetic testing - Principle / Samples / Indications		
08.50 - 09.00	Welcome and Scope of Workshop	Dr. Sujatha Jagadeesh
09.00 - 09.20	Karyotype / CMA	Dr. Meenal Agarwal
09.20 - 09.40	Next generation sequencing (NGS)	Dr. Ashwin Dalal
09.40 - 09.50	CMA / NGS reports what to look for / how to read a report	Dr. Meenal Agarwal / Dr. Ashwin Dalal
09.50 - 10.00	Audience interaction	
Session 2 - Planning prenatal testing steps needed		
10.00 - 10.05	Introduction	Dr. Beena Suresh
10.05 - 10.25	Genetic history taking	Dr. Pradeep Kumar M
10.25 - 10.45	Index case work - up	Dr. Sujatha Jagadeesh
10.45 - 11.05	Family history of problem / only records	Dr. Sheela Nampoothiri
11.05 - 11.10	Audience interaction	
11.10 - 11.40	Coffee Break	
Session 3 - Mode of inheritance / recurrence risk / interpreting results according to mode of inheritance		
11.40 - 11.45	Introduction	Dr. Pradeep Kumar M
11.45 - 12.00	Autosomal dominant (AD)	Dr. Meenal Agarwal
12.00 - 12.15	Autosomal recessive (AR)	Dr. Beena Suresh
12.15 - 12.30	X-Linked recessive (XLR)	Dr. Sheela Nampoothiri
12.30 - 12.45	Mitochondrial	Dr. Meenal Agarwal
12.45 - 13.00	Audience interaction	
13.00 - 14.00	Lunch Break	
Session 4 - Result interpretation problems		
14.00 - 14.05	Introduction	Dr. Sheela Nampoothiri
14.05 - 14.25	VUS - How to decide PND - Case examples	Dr. Ashwin Dalal
14.25 - 14.40	Pseudogene (CAH as example)	Dr. Meenal Agarwal
14.40 - 15.00	Value of phenotype genotype correlation	Dr. Ratna Dua Puri
15.00 - 15.10	Audience interaction	
Session 5 - Fetal / Preimplantation testing		
15.10 - 15.15	Introduction	Dr. Sujatha Jagadeesh
15.15 - 15.35	Fetal testing for anomalies - how to plan	Dr. Sudarshan S
15.35 - 15.55	Case selection / Precautions - PGT	Dr. Ashwin Dalal
15.55 - 16.15	Fetal growth disorders - Deeper Genetic insights (Imprinting)	Dr. Ratna Dua Puri
16.15 - 16.25	Audience interaction	
16.25 - 17.05	Challenging Case based discussion	
Presenter : Dr. Gayathri K, Dr. Mythili T, Dr. Sakshi yadav		
Discussants : Dr. Ratna Dua Puri, Dr. Ashwin Dalal, Dr. Sujatha Jagadeesh		
17.05 - 17.30	Quiz	Dr. Sujatha Jagadeesh

2c. Fetal Interventions

Co-ordinator: Dr. Suresh S, Dr. Roshni Nayyar, Dr. Jyoti Singh, Mrs. Jayalakshmi Ramesh, Mrs. Bhavani Kugan

Session mentors: Dr. Brian Brost, Dr. Joshua Nitsche, Dr. Roshni Nayyar

Time	Program	Speaker
08.30 - 08.45	Registration	
Session 1 - Introduction and skill learning (Hands on for delegates)		
08.45 - 09.00	Welcome & Scope of the Workshop	Dr. Suresh S
09.00 - 09.45	Introduction and Principle of Fetal Intervention	Dr. Brian Brost, Dr. Joshua Nitsche
09.45 - 10.00	Debriefing	
10.00 - 11.00	Skill 1 Hands on Session	
11.00 - 11.15	Coffee Break	
11.15 - 12.15	Skill 2 Hands on Session	
12.20 - 13.20	Skill 3 Hands on Session	
13.20 - 14.15	Lunch	
Session 2 - Instrumentation and Simulator based demonstration by faculty		
14.15 - 14.40	CVS	Dr. Ranjit Akolekar
14.40 - 15.10	Shunt	Dr. Bijoy Balakrishnan
15.10 - 15.35	Intrauterine Transfusion	Dr. Aparna Sharma
15.35 - 16.10	Intrafetal Laser	Dr. Manikandan K
16.10 - 16.35	Fetoscopy	Dr. Sudarshan Suresh
16.35 - 17.10	Microwave / RFA	Dr. Gowrishnakar Paramasivam
17.10 - 17.20	Audience interaction	

Workshop Aim :

- ✦ Basic interventional skills for the Fetal medicine specialist.

Scope of the workshop

- ✦ Proper technique of needle sighting and introduction
- ✦ Ample Hands on time on models
- ✦ Art of chorionic villus sampling
- ✦ Difficulties in technique addressed video demo of actual procedures
- ✦ Didactic lectures for specific procedures

Solid foundations are vital for strong super structures.

3. OBGYN Ultrasound

Co-ordinator: Dr. Uma Ram, Dr. Nagalakshmi Sreedhar, Dr. Poornima Ramkumar, Dr.Neha Mohindroo

Time	Program	Speaker
07.30 - 08.00	Registration	
08.00 - 08.15	Prayer & Welcome Address	Dr. Suresh S
08.15 - 08.50	Invited presentations	
Session 1 - The First trimester		<i>Session mentors: Dr. Uma Ram, Dr. Sudarshan S</i>
08.50 - 08.55	HOW TO - Scar ectopic	Dr. Supriya Seshadri
08.55 - 09.00	WHAT IF - Scar ectopic	Dr. Priti Venkatesh
09.00 - 09.20	Aneuploidy screening in ART pregnancies	Dr. Sudarshan S
09.20 - 09.40	Non invasive prenatal testing in Practice - Current thoughts	Dr. Roshni Nayyar
09.40 - 10.00	High HbA1c in the first Trimester - Implications for the pregnancy	Dr. Uma Ram
10.00 - 10.10	Audience Interaction	
10.10 - 10.25	Reporting anomalies in the first trimester - Decision or caution?	Dr. Lakshmy Ravi
10.25 - 10.40	Acute abdominal pain in the first trimester	Dr. Chitra Ganesh
10.40 - 10.50	Audience Interaction	
10.50 - 11.00	New Technology Demonstration	
11.00 - 11.30	Coffee Break	
Session 2 - Implementing Evidence based practice		<i>Session mentors: Dr. Geetha Kolar</i>
11.30 - 11.35	HOW TO - Scoring of PAS	Dr. Sowparnika Nookala
11.35 - 11.40	WHAT IF - Scoring of PAS	Dr. Arthi E
11.40 - 11.55	Agnesis of the corpus callosum - what to tell prospective parents?	Dr. Geetha Kolar
11.55 - 12.10	Fetal signs to trigger maternal investigations	Dr. Girishkumar Patel
12.10 - 12.25	Investigating "Isolated FGR" - Current Evidence	Dr. Francesc Figueras
12.25 - 12.35	Combined presentation Systemic Venous Connection	Dr. Divya Bharathi Songa / Dr. Siddhi Shree Dixit
12.35 - 12.45	Audience Interaction	
12.45 - 13.15	Honouring a legend- Dr. Shubha Phadke - "Fetal Medicine Beyond Ultrasound"	
13.15 - 14.15	Lunch Break	
Session 3 - Revisiting the Old - Ringing in the New		<i>Session mentors: Dr. Pranav Pandya / Dr.Vidhyalekshmi R</i>
14.15 - 14.25	Understanding "Z" scores	Dr. Manikandan K
14.25 - 14.50	CMV in pregnancy - Identification and concerns and management	Dr. Pranav Pandya
14.50 - 15.10	Prenatal diagnosis of Vasa Previa - A responsibility	Dr. Ranjit Akolekar
15.10 - 15.40	Decision to Deliver in FGR - case based discussion	Presenter: Dr. Poola Manasa / Dr. Ameer Shah / Dr. Hitanshu Bhat Experts: Dr. Shobana mahadevan, Dr. Vidhyalekshmi R
15.40 - 15.50	Audience interaction	
15.50 - 16.05	Mullerian anomalies - A Clinical imaging perspective	Dr. Raju Giraddi
16.05 - 16.20	Ultrasound in the labour room - Essential tool or standard of care?	Dr. Gigi Selvan
16.20 - 16.50	Triallogue : Diagnosis of Fetal anomaly - Are we always right?	Dr. Lata S / Dr. Pradeep Kumar M / Dr. Sudarshan S
16.50 - 17.00	Audience interaction	
17.00 - 17.30	Coping with bad news - an empathetic approach	Dr. Roshni Nayyar
17.30 - 18.15	The Grand Sonoquiz	Dr. Suresh S / Mrs. Vijayalakshmi Raja

4. Fetal Medicine

Co-ordinator: Dr. Sujatha Jagadeesh, Dr. Sudarshan S, Dr. Jyoti Singh, Dr. Harish Kumar E

Time	Program	Speaker
07.30 - 08.00	Registration	
08.00 - 08.10	Prayer & Welcome Address	
08.10 - 08.40	Invited presentations	
Session 1 - Fetal imaging -The road less travelled <i>Session Mentor: Dr. Indrani Suresh / Dr. Sujatha Jagadeesh</i>		
08.40 - 08.45	HOW TO : Fetal shunts	Dr. Sahrun Al Shukkur
08.45 - 08.50	WHAT IF : Fetal shunts	Dr. Roshni Revi Thekkethil
08.50 - 09.05	First trimester fetal neurosonography - Choosing the ones to monitor	Dr. Mayank Chowdhury
09.05 - 09.20	Sex chromosomal aneuploidy - how to counsel prospective parents	Dr. Priya Ranganath
09.20 - 09.35	Non immune fetal anemia - recognition & management	Dr. Aparna Sharma
09.35 - 09.45	Audience Interaction	
09.45 - 10.00	The large for gestational age fetus - current approaches	Dr. Aparna Kulkarni
10.00 - 10.15	The fetal ear - should we see in all patients?	Dr. Firoz Bhuvarkar
10.15 - 10.25	Audience Interaction	
10.25 - 11.05	PANEL DISCUSSION : Prenatal genetic testing - A rational approach	Moderator : Dr. Suresh S Panelists : Dr. Priya Ranganath, Dr. Pio James, Dr. Aparna Sharma
11.05 - 11.30	Coffee Break	
Session 2 - Revisiting the fetal heart <i>Session Mentor: Dr. U. P. Singh / Dr. Sangeetha Viswanathan</i>		
11.30 - 11.35	HOW TO : Fetal cardiac Doppler	Dr. Anjana Jayakumar
11.35 - 11.40	WHAT IF : Fetal cardiac Doppler	Dr. Sruthi Soman
11.40 - 11.55	The fetal Atrial septum - a closer look	Dr. Abhijit Kamat
11.55 - 12.10	The Fetal Ventricular Septum - Understanding Limitations	Dr. U. P. Singh
12.10 - 12.25	Prenatal screening for cardiac defects - Are we doing enough?	Dr. Ranjit Akolekar
12.25 - 12.35	Audience Interaction	
12.35 - 13.05	PANEL DISCUSSION : Fetal cardiac anomalies - From diagnosis to survival	Moderator : Dr. U. P. Singh Panelists : Dr. Indrani Suresh / Dr. Karthik Surya / Dr. Robert Coelho
13.05 - 14.00	Lunch Break	
Session 3 - Twins <i>Session Mentor: Dr. Suresh S / Dr. Anita Kaul</i>		
14.00 - 14.10	Cardiac scoring in complicated MC twins	Dr. Jyoti Singh
14.10 - 14.40	Dialogue : Complicated Twins controversies in diagnosis & management	Dr. Akshatha Prabhu / Dr. Anita Kaul
14.40 - 14.55	Twin anemia polycythemia sequence - Watchful expectancy or active management?	Dr. Prathima Radhakrishnan
14.55 - 15.10	Monochorionic twins discordant for anomaly - A rational approach	Dr. Sudarshan S
15.10 - 15.25	Managing Monoamniotic twins - An evidenced based approach	Dr. Baskaran T. P
15.25 - 15.35	Audience Interaction	
15.35 - 15.50	Importance of Fetal cardiac evaluation in Monochorionic twins	Dr. Gayathri Vemavaruppu
Session 4 - Fetal therapeutic procedures - A step by step approach - Video demo		
15.50 - 16.05	Chorioangioma	Dr. Manikandan K
16.05 - 16.20	Microwave ablation vs RFA?	Dr. Tuangsit Wataganara
16.20 - 16.35	Interstitial laser	Dr. Prathima Radhakrishnan
16.35 - 16.50	Complications of Fetal Surgery for Twins	Dr. Suresh S
16.50 - 17.00	Best poster presentation	
17.00 - 17.10	Prizes	
17.10 - 17.15	Au revoir..	

Abstract Topics

- ❖ Early pregnancy
- ❖ Antenatal screening
- ❖ Fetal anomalies
- ❖ Genetics
- ❖ Fetal growth
- ❖ Perinatal pathology
- ❖ Teaching and training
- ❖ Gynaecology
- ❖ Miscellaneous
- ❖ Advances in USG
- ❖ Fetal Interventions
- ❖ Neonatal Ultrasound
- ❖ AI in OBGYN ultrasound
- ❖ Multiple Pregnancy

Last Date for Abstract
Submission

06th September 2024

IMAGE SPEAKS COMPETITION

- ❖ Delegates are invited to post their best Fetal Ultrasound image - 1 Number each.
- ❖ The best three images would bag the first, second and third prizes respectively.
- ❖ Please send your image to - image@cusp.org.in

Organising Committee

Organising Chairpersons

- ❖ Dr. Suresh S
- ❖ Dr. Indrani Suresh

Organising Secretary

- ❖ Dr. Nithyakalyani G
- ❖ Dr. Sudarshan S

Scientific Committee

- ❖ Dr. Sujatha Jagadeesh
- ❖ Dr. Uma Ram
- ❖ Dr. Lata S
- ❖ Dr. Jyoti Singh

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- ❖ Dr. Dharanidharan D. G
- ❖ Dr. Beena Suresh
- ❖ Dr. Poornima Ramkumar
- ❖ Dr. Harish Kumar E
- ❖ Mrs. Vijayalakshmi Raja
- ❖ Mrs. Subbalakshmi Raghavan

Workshop Co-ordinators

- ❖ Dr. Shyamala N
- ❖ Dr. Rekha M
- ❖ Dr. Harshika M
- ❖ Dr. Anitha Kumari Lakum
- ❖ Dr. Sangeetha Viswanathan
- ❖ Mrs. Bhavani Kugan
- ❖ Mrs. Chandra Ganesh
- ❖ Mrs. Jayalakshmi Rameshkumar

Conference Manager

- ❖ Mrs. Varalakshmi Elangovan

Conference Coordinator

- ❖ Mrs. Jayanthi Saravanan

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Dr. Brian C. Brost Kansas city USA
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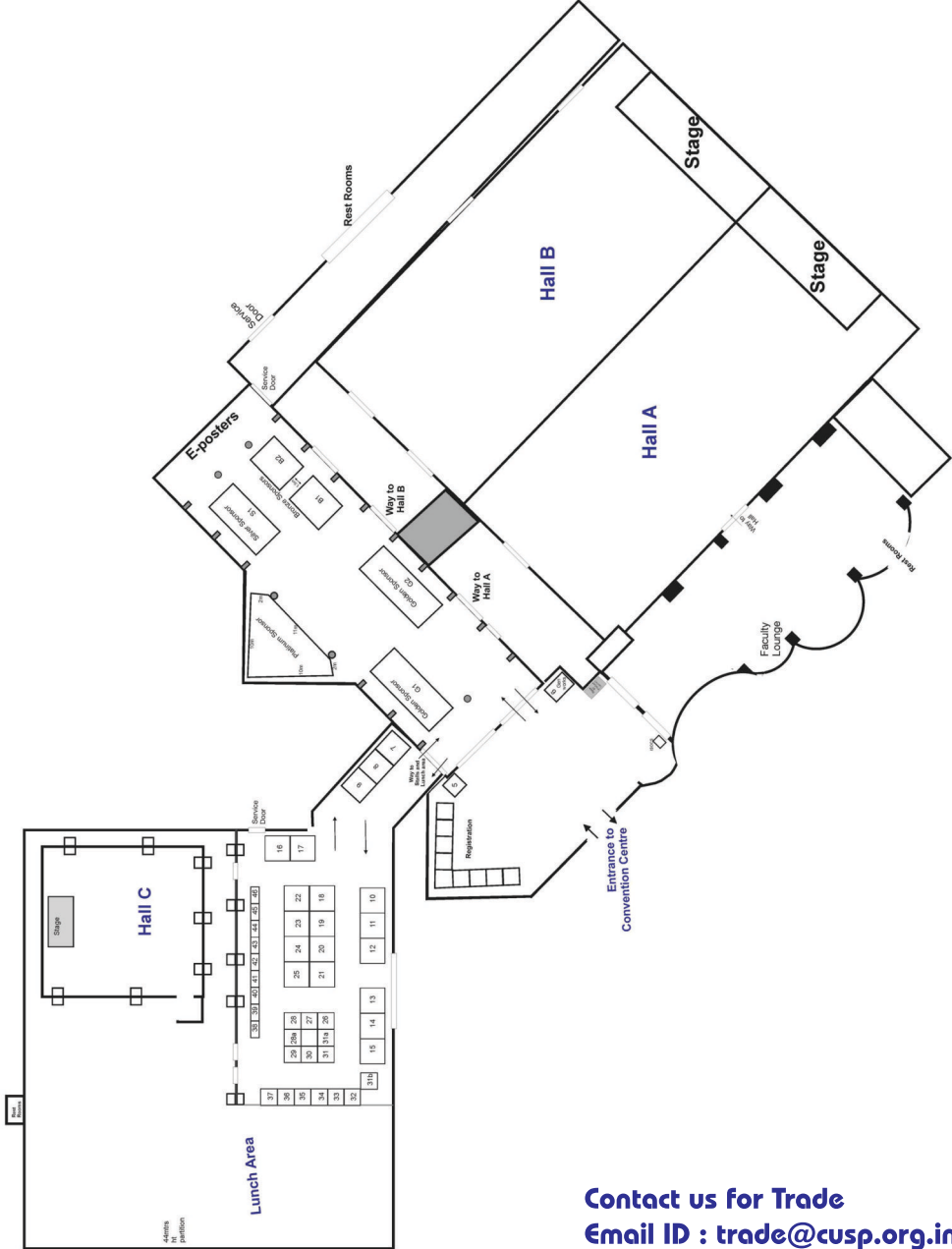
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Dr. Aparna Kulkarni
Dr. Aparna Sharma
Dr. Arthi E
Dr. Ashwin Dalal
Dr. Balaganesh Karmegaraj
Dr. Beena Suresh
Dr. Bijoy Balakrishnan
Dr. Chander Lulla
Dr. Chinmay Pramod Umarji
Dr. Chinmayee Ratha
Dr. Chitra Andrew
Dr. Chitra Ganesh
Dr. Deepthi Jammi
Dr. Debasmita Mandal
Dr. Divya Bharathi Songa
Dr. Divya Singh
Dr. Firoz Bhuvan
Dr. Gayathri K
Dr. Gayathri Vemavarupu
Dr. Geetha Kolar
Dr. Gigi Selvan
Dr. Gowrishankar Paramasivam
Dr. Indrani Suresh
Dr. Janak Desai
Dr. Jayeshkumar Patel
Dr. Jyoti Singh

Dr. Karpagambal Sairam
Dr. Karthik Surya
Dr. Kasi Visalakshi
Dr. Khurshid Alam
Dr. Kushargradhi Gosh
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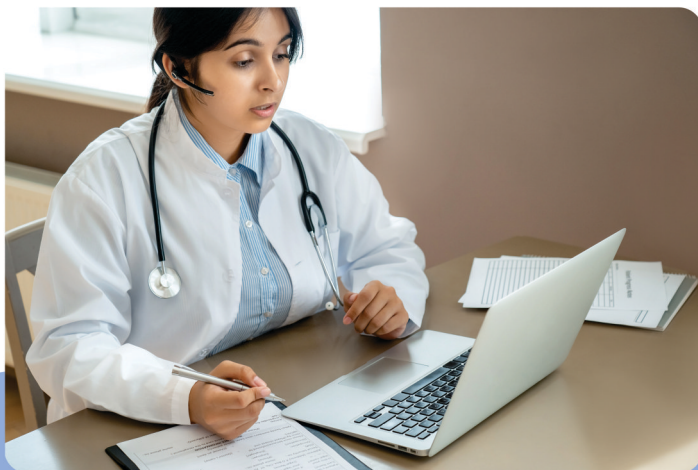


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REGISTRATION DETAILS

Please note:

- Delegates can register only for 1 workshop per day

		Fee for Indians & SAARC Countries				
Date	Programme	Early Registration Fee till 20 Sep, 2024 (INR)	Late Registration Fee From Sep 21 - Sep 25 (INR)	Spot Registration (INR)	PG (INR)	Overseas Delegates
Workshop Day 1						
26-09-24 (Any One)	1a. Point of care ultrasound in the NICU (POCUS)	7700	9000	11000	5000	USD 100
	1b. 2D/3D Imaging in OBGYN ultrasound - Optimal use of technology (Know your ultrasound machine)	7700	9000	11000	5000	USD 100
	1c. Fetal GUT from Diagnosis to Intervention	7700	9000	11000	5000	USD 100
Workshop Day 2						
27-09-24 (Any One)	2a. Gynaec USG	7700	9000	11000	5000	USD 100
	2b. Practical Genetics	7700	9000	11000	5000	USD 100
	2c. Fetal Interventions	15000+2700(18%GST) (Limited to 50 seats only. First come first serve basis)				USD 200
Conference Day 1						
28-09-24	3. OBGYN Ultrasound	6600	8000	10000	5000	USD 100
Conference Day 2						
29-09-24	4. Fetal Medicine	6600	8000	10000	5000	USD 100
Registration fee includes 18% GST (Total)						
"Special discount" Indian - Rs.2500, Overseas - USD 50 waived from total amount for delegates who are registering for all 4 days. (2 Workshop + 2 Conferences)						

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Beneficiary Name: CUSP 2024
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