



TNMC Credits

**CUSP 2026**

**XIX**

International Conference on  
Clinical UltraSonography in Practice

**24th to 27th September 2026**



**TECH  
TRAIN  
TRANSFORM**

Venue : Chennai Trade Centre, Nandambakkam, Chennai.

**Conference Secretariat**

Dr.Suresh Mediscan Systems Private Limited  
No.252, Royapettah High Road,  
Mylapore, Chennai - 600 004.

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🌐 www.cusp.org.in

Please scan the  
QR code for website



Register

## Welcome Note

Dear Faculty and Delegates,

It is our pleasure to welcome you to the **XIX Clinical Ultrasonography in Practice (CUSP) Conference**, scheduled from **24th September 2026 to 27th September 2026 at the Chennai Trade Centre, Chennai**. The theme of this year's conference – “**Tech • Train • Transform**” – truly reflects the journey of our specialty. Advances in technology are enhancing diagnostic accuracy, while structured training ensures these innovations are applied safely, ethically, and effectively. Together, they enable us to transform clinical practice and improve outcomes for mothers and babies.

CUSP 2026 brings together eminent national and international faculty for high-quality scientific sessions, interactive discussions, and case-based learning. The conference also features **Image and Quiz Competitions, along with Poster and Oral Presentations**, offering an excellent platform for delegates to showcase clinical expertise and research, with recognition and awards for outstanding contributions. We are delighted to host this prestigious conference in **Chennai**, a city renowned for its rich cultural heritage and its leadership in medical education and healthcare. Delegates are encouraged to take time to **experience and enjoy Chennai**, its vibrant culture, cuisine, and warm hospitality.

We look forward to seeing you at CUSP 2026 for a memorable and academically enriching program

With warm regards,

**Organising Committee**  
**CUSP 2026**  
Tech • Train • Transform

## 1a. ISUOG Practice Guidelines–Based Obstetric Ultrasound

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<b>Time</b>	<b>Program</b>
08.00 - 08.30	Registration
08.45 - 09.00	Welcome address & Introduction
09.00 - 09.40	Updated ISUOG Practice Guidelines: Performance of 11-14 weeks ultrasound scan
09.40 - 10.20	Updated ISUOG Practice Guidelines: Performance of Mid Trimester Fetal ultrasound scan
10.20 - 10.30	Audience interaction
10.30 - 11.00	Coffee Break
11.00 - 11.40	Updated ISUOG Practice Guidelines: Biometry & fetal growth
11.40 - 12.20	Use of Doppler Velocimetry in Obstetrics
12.20 - 01.00	Updated ISUOG Practice Guidelines: fetal cardiac screening
01.00 - 01.15	Audience interaction
01.15 - 01.30	Slido
01.30 - 02.30	Lunch
02.30 - 03.10	Updated ISUOG Practice Guidelines: Role of ultrasound in twin pregnancy
03.10 - 03.50	Role of ultrasound in the prediction of spontaneous preterm birth
03.50 - 04.30	Role of ultrasound in congenital infection
04.30 - 04.45	Audience interaction
04.45 - 05.00	Slido
05.00	Coffee Break

## 1b. Fetal Face and Spine: From Diagnosis to Management

Time	Program
08.00 - 08.30	Registration
08.45 - 09.00	Welcome & Introduction
<b>Session 1 - Fetal face - Normal - 2D/3D- facial measurements and angles</b>	
09.00 - 09.30	Embryology & applied anatomy of the fetal face
09.30 - 10.10	Imaging of fetal face - 2D & facial biometry deciphered
10.10 - 10.50	Optimal use of 3D/4D for deciphering fetal facial anatomy (practical demos)
10.50 - 11.00	Audience interaction
11.00 - 11.30	Coffee Break
<b>Session 2 - Multidisciplinary approach to facial dysmorphism</b>	
11.30 - 12.00	Facial clefts - A dialogue
12.00 - 12.20	Understanding fetal Micrognathia
12.20 - 12.35	Flat facial profile - An algorithmic approach
12.35 - 12.50	Fetal ear evaluation - non guideline mandated but diagnostically valuable
12.50 - 01.10	Decoding facial dysmorphism - Fetal face as a mirror for various syndromes
01.10 - 01.20	Audience interaction
01.20 - 01.30	Polls & predictions - An interactive session
01.30 - 02.30	Lunch
<b>Session 3 - Fetal Spine - Evaluation of normal fetal spine</b>	
02.30 - 02.50	Fetogram of the spine with relevant embryology - across gestation
02.50 - 03.20	Imaging the normal fetal spine - a systematic approach 2D & 3D (Demo)
03.20 - 03.45	3D of the fetal spine - exploring possibilities - Demo
03.45 - 03.55	Audience interaction
<b>Session 4- Multidisciplinary approach to abnormal spine Podcast/dialogue</b>	
04.00 - 04.30	Closed spinal dysraphism - Diagnosis & management
04.30 - 05.00	Open spinal dysraphism - Diagnosis & management
05.00 - 05.30	Vertebral anomalies (block/hemivertebra/kyphosis)
05.30 - 05.40	Audience interaction
05.40	Wrap up & take home messages

## 1c. 3D/4D Ultrasound Workshop

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<b>Time</b>	<b>Program</b>
08.00 - 08.45	Registration
08.45 - 09.00	Welcome & Introduction
<b>Session 1 - Technology update in 3D</b>	
09.00 - 09.30	Fundamentals of 3D/4D & Knobology
09.30 - 10.00	Artificial intelligence in 3D - practical applications
10.00 - 11.00	3D in Early pregnancy & First trimester
11.00 - 11.15	Audience interaction
11.15 - 11.45	Coffee break
<b>Session 2 - Specific Organ 3D I</b>	
11.45 - 12.30	Skeletal Systems - Understanding the ribs, scapula & pelvis
12.30 - 01.15	3D of normal & abnormal brain - II & III trimesters
01.15 - 01.30	Audience interaction
01.30 - 02.30	Lunch - Trade visit
<b>Session 3 - Specific Organ 3D II</b>	
02.30 - 03.30	Fetal vascular system / Fetal spine
03.30 - 04.30	Tips & Tricks in the use of cardiac STIC
04.30 - 05.30	3D in gynaecology - A systematic approach
05.30	Closing remarks & Tea

## 2a. Gynaecological Ultrasound

<b>Time</b>	<b>Program</b>
08.30 - 09.00	Registration
09.00 - 09.10	Welcome & Introduction
<b>Session 1 - Leveraging new technologies</b>	
09.10 - 09.40	The Gynaec scan - Understanding the fundamentals (orientation, image optimisation)
09.40 - 10.00	Current concepts in Endometrial imaging & assessment (include AI)
10.00 - 10.20	Focal hypervascularity in the uterus - sorting the diagnosis
10.20 - 10.50	Assessing & reporting fibroids - Mapping of Fibroid (include AI)
10.50 - 11.00	Understanding the Uterus - Nailing the diagnosis - Multiple choice Q&A for the audience
11.00 - 11.30	Coffee Break
<b>Session 2 - From diagnosis to decisions</b>	
11.30 - 11.50	Characterisation & classification of ovarian lesions using IOTA/ ADNEX/ ORADS
11.50 - 12.10	Current concepts in imaging of endometriosis & management - (Typical patterns & diagnostic surprises)
12.10 - 12.30	POCUS - Point of care ultrasound in acute gynecological conditions
12.30 - 12.50	The Science of signs - USG signs in Gynaec - From pattern to diagnosis
12.50 - 01.05	Audience interaction
01.05 - 01.15	Pattern Recognition - Audience poll
01.15 - 02.15	Lunch
<b>Session 3 - Mixed bag</b>	
02.15 - 02.35	Contrast enhanced ultrasound for pelvic lesions - The way forward
02.35 - 02.55	Ultrasound indicators of successful outcomes in ART
02.55 - 03.15	Anal ultrasound - An Insight
03.15 - 03.30	Audience interaction
03.30 - 04.00	Evaluation of Acute Pelvic Pain - Recognition & management
04.00 - 04.20	Newer interventions in uterine lesions – Video Demo
04.20 - 04.30	Audience interaction
04.30 - 05.30	Generating a Gynaec report from Images - A case based approach (real time report generation) - Audience participation

## 2b. Fetal Intervention

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### Highlights

Skill Training

Amniocentesis, CVS, FR

Choosing the ones to treat TTTS, sFGR, TAPS

Stations - Microwave ablation, Laser and Shunt

## 2c. Fetal Heart: From Womb to Cradle

Time	Program
08.00 - 08.30	Registration
08.30 - 08.40	Welcome & Introduction
<b>Session 1 - Leveraging technologies</b>	
08.40 - 09.05	Dialogue - overview of fetal echo / Fetal & Neonatal cardiology - A continuum
09.05 - 09.45	Optimising machine settings for fetal echo - B mode & Tracking New Technologies - Demo
09.45 - 10.15	Fetal cardiac biometry - how, when and why?
10.15 - 10.30	AI in Fetal cardiac imaging - A practical Demo
10.30 - 10.45	Audience interaction
10.45 - 11.15	Coffee Break
<b>Session 2 - Rhythm</b>	
11.15 - 11.45	Rhythm - Decoding fetal cardiac rhythms - Physiology & Classification
11.45 - 12.15	Tachyarrhythmias - Diagnosis / natural history /management
12.15 - 12.45	Bradycardias - Diagnosis / natural history /management
12.45 - 01.15	Prenatal diagnosis of cardiac anomaly - How good are we ?
01.15 - 01.30	Audience interaction
01.30 - 02.30	Lunch
<b>Session 3 - Venous &amp; Structural Anomalies</b>	
02.30 - 02.50	TAPVC - Detectable / Missed / Counseling
02.50 - 03.10	The Fetal central lines - SVC & IVC
03.10 - 03.30	Abnormal semilunar valves - Diagnosis / Counseling
03.30 - 03.50	Abnormal AV valves - Diagnosis / Counseling
03.50 - 04.05	Audience interaction
04.05 - 04.25	Long term neurodevelopment outcome in CHD
04.25 - 04.45	Fetal cardiac genetics - a rationale approach to prenatal testing
04.45 - 04.55	Audience interaction
04.55 - 05.30	Interactive case challenge - audience votes with the expert

### 3. Fetal Medicine

Time	Program
07.30 - 08.00	Registration
08.00 - 08.10	Welcome
08.10 - 08.50	Invited presentations
<b>Session 1 - The First trimester - Moving forward in an AI era</b>	
09.00 - 09.20	Improving first trimester detection of neural tube defects - Collating the signs
09.20 - 09.35	First trimester red flags - choosing the ones for an "early target"
09.35 - 09.50	First trimester fetal cardiac evaluation - Mandate or optional? - Debate
09.50 - 10.05	Audience interaction
10.05 - 10.15	HOW TO: Assessing the Lateral Sulcus
	WHAT IF: Abnormal Lateral Sulcus
10.15 - 10.30	Limited dorsal myeloschisis - opportunity for optimising outcomes
10.30 - 10.55	Fetal CNS Syndromes
10.55 - 11.05	Audience interaction
11.05 - 11.30	Coffee break
<b>Session 2 - Solving day to day issues</b>	
11.30 - 11.40	HOW TO: Posterior echo complex
	WHAT IF: Abnormal posterior echo complex
11.40 - 11.55	The fetal umbilical vein - Off the beaten track
11.55 - 12.10	Decoding fetal intra abdominal extra intestinal cysts
12.10 - 12.25	Fetal urinary bladder - Normal vs abnormal through the trimesters
12.25 - 12.35	Audience interaction
12.35 - 01.15	Honouring a legend: Prof K Krishnakumar : Reducing perinatal mortality in antenatally detected cardiac anomalies - The Kerala Model
01.15 - 02.15	Lunch
<b>Session 3 - Fetal Therapy</b>	
02.15 - 02.30	Technology Demo - Use of AI in 3D ultrasound
02.30 - 02.50	Shunting vs fetal cystoscopy for LUTO
02.50 - 03.00	Rh isoimmunisation - can we avoid/postpone transfusions ?
03.00 - 03.15	Twin Anemia Polycythemia sequence - Expectant management vs intervention
03.15 - 03.40	Newer fetal therapies - looking to the future - Dr Manikandan memorial lecture
03.40 - 03.55	Audience interaction
03.55 - 04.35	Round table - fetal therapy - case based discussions
04.35 - 04.45	HOW TO: Imaging fetal orbits
	WHAT IF: Abnormal fetal orbits
04.45 - 05.00	Unexpected results in PND - How to handle
05.00 - 05.30	Coffee break
05.30 - 06.15	THE GRAND SONOQUIZ

## 4a. OBGYN Ultrasound

Time	Program
07.30 - 08.00	Registration
08.00 - 08.15	Welcome
08.15 - 08.45	Invited presentations
<b>Session 1 - Update on Aneuploidy Screening</b>	
08.50 - 09.00	HOW TO: Fetal large bowel WHAT IF: Abnormal fetal large bowel
09.00 - 09.15	Establishing viability - declare or wait?
09.15 - 09.30	Current concepts of screening in pregnancy - setting the context (PE screen)
09.30 - 09.50	Interactive Case Discussion: Discordant screening Results - What would you do?
09.50 - 10.00	Audience interaction
10.00 - 10.15	NT certification - the way forward
10.15 - 10.30	Isolated Fetal Malformations - Yield of Chromosomal Microarray & Whole Exome Sequencing
10.30 - 10.45	TBA
10.45 - 11.00	Scar pregnancy - A pragmatic approach
11.00 - 11.15	Audience interaction
11.15 - 11.45	Coffee Break
<b>Session 2 - The Mother in Focus</b>	
11.45 - 11.55	HOW TO: Mapping essential fetal abdominal arteries WHAT IF: Abnormal fetal abdominal arteries - Renal arteries, SMA, AABA
11.55 - 12.15	Demystifying Fetal Infections - A practical approach
12.15 - 12.30	Maternal disease & fetal impact
12.30 - 01.00	Stump the Expert: Decisions and Dilemmas
01.00 - 01.15	Audience interaction
01.15 - 02.15	Lunch
<b>Session 3 - Fetal Environment</b>	
02.15 - 02.30	Best posters presentation
02.30 - 02.45	Imaging in Placenta Accreta Spectrum (PAS) - from USG to MRI
02.45 - 03.00	Non placental causes of fetal growth restriction
03.00 - 03.15	Understanding chronic histiocytic intervillitis
03.15 - 03.30	FGR in 2026: Updated definitions, diagnosis & classification
03.30 - 03.45	Isolated Polyhydramnios - Diagnosis, Testing, Management Current Evidence
03.45 - 04.00	Audience interaction
<b>Session 4 - Twins &amp; Higher Order gestation</b>	
04.00 - 04.20	sFGR - current approaches
04.20 - 04.40	Higher order gestations - challenges in decision making
04.40 - 05.00	Single Fetal Demise in Twins - A rationale approach
05.00 - 05.15	Audience interaction

## Abstract Topics

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

Last date for  
Abstract Submission

**10<sup>th</sup>**  
Aug 2026



**Compete • Showcase • Win at CUSP 2026!**

Be part of the academic excitement at CUSP 2026



### Image Competition

Present your best fetal ultrasound images

Submit your images to  
[image@cusp.org.in](mailto:image@cusp.org.in)



### Quiz Competition

Test your knowledge in fetal medicine



### Poster & Oral Presentations

Showcase your research and cases



**Attractive prizes, certificates & national recognition for winners**

Don't miss this opportunity to learn, compete, and shine!

## Organising Committee

### Organising Chairpersons

- † Dr. S. Suresh
- † Dr. Indrani Suresh

### Organising Secretaries

- † Dr. G. Nithyakalyani
- † Dr. S. Sudarshan

### Scientific Committee

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

### Executive Members

- † Dr. V. Nagalakshmi
- † Dr. D. G. Dharanidharan
- † Dr. E. Harish Kumar
- † Dr. S. U. Ambika
- † Dr. S. Beena Suresh
- † Mrs. R. Vijayalakshmi
- † Mrs. Subbalakshmi Raghavan

### Workshop Co-ordinators

- † Dr. N. Shyamala
- † Dr. M. Rekha
- † Dr. V. Brintha Jayanthi
- † Dr. Neha Mohindroo
- † Dr. L. Sneha
- † Dr. Sujatha Rajan
- † Dr. Aishwarya Damodaran
- † Mrs. Bhavani Kugan
- † Mrs. Chandra Ganesh
- † Mrs. Jayalakshmi Rameshkumar

### Conference Manager

- † Mrs. Varalakshmi Elangovan

### Conference Coordinator

- † Mrs. Jayanthi Saravanan

## REGISTRATION DETAILS

Please note: Delegates can register only for 1 workshop / 1 conference per day

		Fee for Indians & SAARC Countries				
Date	Programme	Early bird Registration Fee till 30th June, 2026 (INR)	Regular Registration Fee From 01st July - 11th Sep (INR)	Spot Registration (INR)	PG (INR)	Overseas Delegates
<b>Workshop Day 1</b>		<b>Registration fee includes 18% GST (Total)</b>				
24-09-26 (Any One)	1a. ISUOG Guideline Based Obstetric Ultrasound	8000	9500	12000	5000	USD 100
	1b. Fetal Face and Spine from Diagnosis to Management	8000	9500	12000	5000	USD 100
	1c. 3D/4D Ultrasound	8000	9500	12000	5000	USD 100
<b>Workshop Day 2</b>						
25-09-26 (Any One)	2a. Gynaecological Ultrasound	8000	9500	12000	5000	USD 100
	<b>2b. Fetal Intervention</b>	<b>19850 (Limited to 50 seats only. First come first serve basis)</b>				<b>USD 250</b>
	2c. Fetal heart- from womb to cradle	8000	9500	12000	5000	USD 100
<b>Conference Day 1</b>						
26-09-26	3. Fetal Medicine	7000	9000	11000	5000	USD 100
<b>Conference Day 2</b>						
27-09-26 (Any One)	4a. OBGYN Ultrasound	7000	9000	11000	5000	USD 100
	4b. General Ultrasound	7000	9000	11000	5000	USD 100

### Special Fee Benefits (Delegates Only)

Super Early Bird 4-Day Registration: 5,000/- waiver (valid till 10th April 2026)

4-Day Registration: 3,000/- waiver (valid from 11th April 2026)

Overseas Delegates – All 4 days: USD 50 waiver

**Note : PG registration fee is a special concessional (discounted) rate and PGs are not eligible for delegate discounts.**

Payment to be made by demand draft favouring “CUSP 2026” payable @ Chennai  
(or)

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

### Bank Details

**Beneficiary Name : Dr Suresh Mediscan Systems  
Private Limited - CUSP**

**Bank Name : HDFC Bank Ltd.**

**Branch Address : Ground Floor, No180-1,  
Royapettah High Road Branch,  
Chennai - 600 004.**

**Account Number : 50200113429368**

**Account Type : Current Account**

**IFSC Code : HDFC0003631**