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Throughout the years, your feedback has driven all our technological advancements, helping to make GE Healthcare a leader in ultrasound. Working together, we have continued to evolve the Voluson family of products.

This means developing technology that allows you to find anatomical information that couldn't be seen before. Providing you the ability to confidently explore fetal images in the earliest stages. Introducing more automation to facilitate more efficient and reproducible exams. Transforming the way you examine ultrasound data from a single sweep. Enabling you to focus on early prevention rather than late diagnosis.

Our commitment to you is to continue to enhance the powerful Voluson Series to reach the next level of extraordinary vision.



XII South Asian Regional Conference on Clinical Ultrasonography in Practice

Affiliations

FCRF Chennai

SMLRT Chennai

Organising Chairpersons

Dr. Suresh S

Dr. Indrani Suresh



CUSP 2010

Experience the power of simplicity...

www.cusp.org.in

Organised by
MediScan
Ultrasound | Fetal Care | Genetics

Kamaraj Memorial Auditorium, Chennai
24, 25 & 26 September, 2010



“Experience the power of simplicity”...

From the desk of the Organising Committee

It gives us great pleasure in inviting you for CUSP 2010. CUSP is a Conference that highlights current technologies while emphasizing the fundamental aspects of ultrasound. This year's theme **“Experience the power of simplicity”** reiterates this and implies that we can achieve significant results by just adhering to standardized protocols and simple imaging techniques even as we keep abreast with technology. As technology evolves, we must stay current and also know what the future has in store for us. The best practices in ultrasound have to reach the remotest regions of the world. CUSP is designed to achieve this goal by simple, elegant lectures by experts in the field. CUSP is a clinically oriented conference with significant participation from clinicians who use ultrasound in their day to day practice. It is a platform where the sonologists and the referring clinicians have an opportunity to discuss issues in diagnosis and reporting. If you are a health care professional, you simply cannot afford to miss CUSP 2010.

Looking forward to meet you @ CUSP 2010.

Dr. S. Suresh
Dr. Indrani Suresh
Organising chairpersons

Dr. Sujatha Jagadeesh
Organising Secretary

ADVISORS

Dr. Arjun Rajagopalan
Dr. Gita Arjun

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ORGANISED BY

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centre



The Fetal Medicine
Foundation

Prenatal screening workshop



Venue: Kamaraj Memorial Hall, Anna Salai, Chennai - 600018

Co-ordinators - Dr. K.B. Poornima, Mrs. Vijayalakshmi Raja, Mrs. Jayalakshmi Ramesh, Dr. Sudha Ramakrishnan

08.30 am	WELCOME
08.40 - 08.50 am	The Pyramid of Prenatal Care - <i>Prof. Kypros Nicolaides</i>
08.50 - 11.30 am	<p>Session I - Screening for Aneuploidy</p> <p>Chromosomal abnormalities - Genetic basis - <i>Dr. Sujatha Jagadeesh</i></p> <p>Understanding principles of screening - <i>Prof. S. Suresh</i></p> <p>Demonstration of NT / NB - <i>MediScan team / Dr. Meenu Batra</i></p> <p>Importance of pregnancy dating - <i>Prof. S. Suresh</i></p> <p>First trimester biochemistry screening - <i>Prof. Kevin Spencer</i></p> <p>First trimester biochemistry markers - what is the optimal timing?</p> <p>The Contingent model (Biochemistry screening followed by USG)</p> <p>Stability of biochemistry markers - is dry blood spot the way forward?</p> <p> His Master's voice</p> <p>Performing First trimester screening - The key points - <i>Prof. Kypros Nicolaides</i></p>
	AUDIENCE INTERACTION
11.30 - 12.00 pm	 COFFEE BREAK
12.00 - 01.30 pm	<p>Session II - Screening for Pre-eclampsia</p> <p>Understanding pre-eclampsia - <i>Dr. Gita Arjun</i></p> <p>Screening for pre-eclampsia current trends - <i>Dr. Ranjit Akolekar</i></p> <p>Demonstration of Doppler & risk assessment - <i>Dr. Prathima Radhakrishnan</i></p> <p> His Master's voice</p> <p>Impact of pre-eclampsia screening on perinatal outcome - <i>Prof. Kypros Nicolaides</i></p>
01.30 - 02.30 pm	 LUNCH

Workshop on Newer technologies & High resolution imaging

Venue: St. Isabel's Hospital Auditorium, 49, Oliver Road, Mylapore, Chennai - 600 004

Co-ordinators

Dr. Jayaraj Govindaraj, Mrs. Chandra Ganesan, Mrs. Subbulakshmi Raghavan, Dr. Latha Parameswaran

02.30 - 03.00 pm **Ultrasound Education & Training - Awarding of Diplomas**

Guest of honour - Prof. A. Rajasekaran
Past president, National board of examinations

03.00 - 04.15 pm

Session III - Screening for Preterm Labour

Preterm labour - Obstetrician's concerns - *Dr. Hema Divakar*
Methodology of screening & practical demo - *Dr. Geetha Kolar*



His Master's voice

How do we act on the results of preterm labour screening - *Prof. Kypros Nicolaides*

AUDIENCE INTERACTION

04.15 - 05.00 pm

Session IV - Screening for anomalies

First trimester screening for anomalies - *A shift in approach*
- *Dr. Indrani Suresh, Dr. Priti Venkatesh, Dr. Ranjit Akolekar*



His Master's voice

Time to shift the targeted scan to the I trimester?
- *Prof. Kypros Nicolaides*

05.00 - 05.10 pm

The FMF certification process - *Prof. S.Suresh*



TEA

05.10 - 05.30 pm

05.30 - 06.30 pm

Cultural show - MediScan Alumni

Prof. Kypros Nicolaides lectures are video presentations

Workshop sponsored by

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&



GE Healthcare
imagination at work

Nite @
Kamaraj Memorial Auditorium
Dinner - 7pm

08.45 am

WELCOME

09.00 - 11.00 am

Session I - Workshop on Contrast imaging

Faculty - Dr. Nitin Chaubal, Dr. Chandramohan, Dr. Kanagavel, Dr. G. Nithyakalyani

Session sponsor



Principles of contrast imaging
Applications of Contrast
Live demo of contrast

11.00 - 11.30 am



COFFEE BREAK

11.30 - 01.30 pm

Session II - Workshop on high resolution ultrasound

Faculty - Dr. Lokesh B, Dr. P.K.Srivastava, Dr.S.Ramesh, Dr. S.S.K.Ayyar

Peripheral Neurosonography
Ultrasound of the Brachial Plexus
Ultrasound of the Anal Sphincter
Ultrasound and the Anaesthesiologist

01.30 - 02.30 pm



LUNCH

02.30 - 04.30 pm

Session III - Workshop on Musculoskeletal ultrasound

Faculty - Prof. K. Sriram, Dr. A. Anbarasu, Dr. K.Rajan, Dr. Bhawna Dev

Ultrasound of the shoulder
Ultrasound of the wrist
Ultrasound of the knee
Ultrasound of the ankle

04.30 pm



TEA

Workshop sponsored by

PHILIPS

SIEMENS

Obstetrics and Gynaecological ultrasound

Venue: Kamaraj Memorial Hall, Anna Salai, Chennai - 600018

Co-ordinators - Dr. Poornima Ramkumar, Mrs. Devaki Gopish, Dr. Sudha Rathnaprabhu

08.30 - 08.40 am	Swagatham
08.40 - 08.50 am	Obstetric scan - speaking the same language - Prof. S.Suresh
	Session I - Fetal growth
08.50 - 09.05 am	Fetal growth restriction : a clinicians perspective - Dr. Uma Ram
09.05 - 09.25 am	Fetal growth assessment - basic principles, defining boundaries - Prof. S.Suresh
09.25 - 09.40 am	Doppler in placental dysfunction - key points - Dr. Chitra Ganesh
09.40 - 09.55 am	Fetal growth restriction in twins - Dr.T.P. Baskaran
09.55 - 10.10 am	Fetal growth in chromosomal abnormalities - Dr. Ritika Bhandari
10.10 - 10.40 am	FGR solving the puzzle - cases - Dr. Indrani Suresh, Dr. Uma Ram & Dr.T.P. Bhaskaran
10.40 - 10.55 am	DISCUSSION
10.55 - 11.20 am	 COFFEE BREAK
11.20 - 11.25 am	Sound bite Fetal portal vein - Dr. Subapriya K
	Session II - Diabetes and pregnancy
11.25 - 11.40 am	Diabetes and pregnancy - definitions, diagnosis & perinatal outcomes - Prof. C.S.Yajnik
11.40 - 11.50 pm	Fetal growth in diabetes - Dr. Aparna Kulkarni
11.50 - 12.05 pm	Fetal anomalies in diabetes - Dr. Arun Kinare
12.05 - 12.20 pm	Preventing perinatal complications - Myth or Reality - Prof. C.S.Yajnik
12.20 - 12.35 pm	Obstetric ultrasound - FAQ's - Dr. Usha Sagadevan
12.35 - 12.45 pm	Estimating fetal weight - Knowing our limits - Dr. Radhika Ramesh
12.45 - 12.55 pm	DISCUSSION
12.55 - 01.50 pm	 LUNCH
01.50 - 02.00 pm	Short communication The dilated fetal bowel - Dr. Preeti Tomar
02.00 - 02.10 pm	Short communication Femur below 5th centile - Dilemmas in decision making - Dr. Sreepriya Sundaram

02.10 - 02.25 pm	Fetal cardiac examination - standardization - Dr. Shanthi Sairam
02.25 - 02.40 pm	The bright fetal lung - Dr. Indrani Suresh
02.40 - 02.50 pm	The fetal spine - when to raise alarm? - Mrs. Vijayalakshmi Raja
02.50 - 03.05 pm	TUI : unravelling the cranial anatomy - Dr. B.S. Ramamurthy
03.05 - 03.20 pm	DISCUSSION
	Session III - TTTS : Lead resource - Dr. Japaraj Peter
03.20 - 03.35 pm	Vascular anatomy - Dr. Lata S
03.35 - 03.50 pm	Pathophysiology - Dr. Pooja Vazirani
03.50 - 04.05 pm	Ultrasound diagnosis - Dr. Suseela Vavilala
04.05 - 04.20 pm	Doppler - Dr. Jyoti Chaubal
04.20 - 04.40 pm	Management & Outcomes - Current evidence - Dr. Japaraj Peter
04.40 - 04.55 pm	DISCUSSION
04.55 - 05.25 pm	 Point Counter Point Endometrial doppler in infertility : Adding value? - Dr. Sonal Panchal / Dr. Mirudhubashini Govindarajan
05.25 - 05.45 pm	The gynecological scan audit - Understanding limitations - Dr. Manju Virmani
05.45 - 06.00 pm	DISCUSSION
	 TEA

PHILIPS Nite @

Hotel GRT Grand days

No:120, Sir Thyagaraya Road,
T. Nagar, Chennai - 600 017, Tel :+91- 44 - 2815 0500 / 5500

Date: 25.09.2010, Dinner - 7 pm

Conference Affiliations



Fetal Care Research Foundation

197, Dr. Natesan Road, Mylapore, Chennai - 600 004

The Society for Medical Learning Resources Transfer

No.4, Second Street, Dr. Radhakrishnan Salai, Chennai - 600004.

SMLRT

Chennai, India

General, Vascular & Pediatric imaging

Venue: Kamaraj Memorial Hall, Anna Salai, Chennai - 600 018

Co-ordinators - Dr.V.Nagalakshmi, Dr. Uma Ram, Mrs. Bhavani Kugan, Dr. Manjunath

08.30 - 08.40 am	Transforming CUSP - A look into the future - <i>Prof. S.Suresh</i>
08.40 - 08.50 am	Best poster presentation
08.55 - 09.15 am	Understanding journal articles - <i>Dr.Arjun Rajagopalan</i>
09.15 - 09.35 am	Acute abdomen in the NICU - Imaging for decision making - <i>Dr.T.L.N.Praveen</i>
09.35 - 09.55 am	Ultrasound at the point of care - <i>Dr. Kishore Pichamuthu</i>
09.55 - 10.10 am	DISCUSSION
10.10 - 10.30 am	Volumetric Ultrasound - <i>Dr. Nitin Chaubal</i>
10.30 - 10.50 am	Evolving protocols in Ultrasound - <i>Dr.Ashok Khurana</i>
10.50 - 11.10 am	High Resolution GI Imaging How do I do it - <i>Dr. Bhoopathy Vijayaraghavan</i>
11.10 - 11.25 am	High Resolution Ultrasound of penile injuries - <i>Dr.T.L.N. Praveen</i>
11.25 - 11.35 am	DISCUSSION
11.35 - 12.00 pm	 COFFEE BREAK
12.00 - 12.10 pm	Short communication
	Post operative ultrasound - looking for answers - <i>Dr.Aarthi Govindarajan</i>
12.10 - 12.30 pm	Mathematical Ultrasound - Precision or confusion? - <i>Dr. Bhupendra Ahuja</i>
12.30 - 12.50 pm	Automated volume Breast Scanning - improving accuracy? - <i>Dr. Mukund Joshi</i>
12.50 - 01.10 pm	ARFI - Toys for boys or clinical tool? - <i>Dr. Chander Lulla</i>
01.10 - 01.20 pm	Short communication
	Breast abscess - US guided intervention - <i>Dr. Hena Bhagde</i>
01.20 - 01.30 pm	DISCUSSION
01.30 - 02.30 pm	 LUNCH
02.30 - 02.40 pm	Short communication
	Ultrasound guided renal biopsy - <i>Dr. Latha Parameswaran</i>

02.40 - 03.00 pm	3D Ultrasound - Improving confidence in small parts imaging? - <i>Dr. S.Shanmugam</i>
03.00 - 03.20 pm	Early detection of Atherosclerosis - <i>Dr. R.Ravikumar</i>
03.20 - 03.40 pm	Trans cranial doppler - A neurologist's perspective - <i>Dr. B.Lokesh</i>
03.40 - 03.45 pm	Sound bite
	Transrectal ultrasound in male infertility - <i>Dr. D.G. Dharanidharan</i>
03.45 - 04.00 pm	DISCUSSION
04.00 - 04.20 pm	Aunt Minnie in ultrasound - Clues to diagnosis - <i>Dr. R.Udayakumar</i>
04.20 - 04.40 pm	Perianal ultrasound : unravelling the mysteries - <i>Dr. Shilpa Domkundwar</i>
04.40 - 05.00 pm	Ultrasound guided biopsy of the prostate - The Sri Lankan experience - <i>Dr. Usha Samarasinghe</i>
05.00 - 05.15 pm	DISCUSSION
05.15 pm	Au revoir...



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