GNANADHARA 2019
Continuing Ultrasound Education
Knowledge Update by CUE

Organised by
KARTHIK ULTRASOUND SCAN CENTRE

Under the aegis of
MediScan, Chennai &
Medical Ultrasound Society of Karnataka (MUSK)

ULTRASONOGRAPHIC
OBSTETRICS

Date: 8th December, 2019, Time: 9.00 AM – 5.00 PM
Venue: Bangalore Medical College, Alumni Hall,
Bangalore Medical College Campus, Fort Road, Bangalore 560002.
Tel: 08026703202
Dear friends,

Karthik Ultrasound Scan Centre (KUSC) under the aegis of MediScan, Chennai and Medical Ultrasound Society of Karnataka (MUSK) takes immense pleasure in welcoming you to the 9th edition of the Continuing Ultrasound Education (CUE) series – Knowledge update by CUE GNANADHARA 2019

Ultrasound has now become indispensable in the practice of Obstetrics – an extended hand of the Obstetricians! The theme of this year’s seminar is “ULTRASONOGRAPHIC OBSTETRICS”

The highlights will include:
1. Role of ultrasound in diagnosis, surveillance and management of various conditions in all three trimesters of pregnancy
2. Panel on the current concepts of Fetal growth & Doppler
3. Subtle cardiac findings and how to arrive at diagnosis
4. Brain teasers in Obstetrics ultrasound – discussion with various case scenarios

To take us through the CUE we have pioneers in Fetal Ultrasound, experienced Clinicians and young dynamic Fetal medicine consultants.

We welcome you to make the best use of this opportunity to improve and enrich your knowledge!

Dr. Chitra Ganesh
Organising Secretary

Dr. Leela Shankar Dr. Krithika Ganesh
Joint Organising Secretaries

**INVITED FACULTIES**

**Prof. S Suresh**
Consultant Fetal Medicine & Director, MediScan, Chennai

**Dr. Indrani Suresh**
Consultant Fetal Medicine & Director, MediScan, Chennai

**Dr. Sudarshan Suresh**
Consultant Fetal Medicine, MediScan, Chennai

**Dr. S Beena**
Consultant, Genetics Department, MediScan, Chennai

**Dr. Chinmayee Ratha**
Lead Consultant Fetal Medicine
Navodaya Hospitals & Yashoda Hospitals Secunderabad

**Dr. Lakshmy Ravi**
Consultant Sonologist
Sri Lakshmy Clinic & Scan Centre, Kaveripattinam

**FACULTIES – BANGALORE**

**Dr. B S Rama Murthy**
Consultant Radiologist, Srinivasa Ultrasound Scan Centre

**Dr. Priti Venkatesh**
Consultant Fetal Medicine
Manipal Hospital Medha Ultrasound

**Dr. Chitra Ganesh**
Consultant Fetal Medicine
Karthik Ultrasound Scan Centre
Fortis Hospital

**Dr. Veena Acharya**
Consultant Fetal Medicine
BFMC and Lakshmi Maternity Home

**Dr. Leela Shankar**
Consultant OBGYN, Abhaya Clinic

**Dr. Rachita Rama Murthy**
Consultant Radiologist, Srinivasa Ultrasound Scan Centre

**Dr. Gayathri Kamath**
Consultant OBGYN Fortis Hospital

**Dr. B S Susheela Rani**
Consultant, OBGYN Manjushree Speciality Hospital

**Dr. H R Nandini Devi**
Consultant, OBGYN Indira Clinic

**Dr. Ashok M V**
Consultant Neonatologist Fortis Hospital

**Dr. Antony Robert Charles**
Consultant Paediatric Surgeon Rainbow Hospital
<table>
<thead>
<tr>
<th>TIME</th>
<th>TOPIC</th>
<th>SPEAKER</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.00 AM</td>
<td>Registration</td>
<td></td>
</tr>
<tr>
<td>9.00 - 10.30 AM</td>
<td>1st TRIMESTER</td>
<td></td>
</tr>
<tr>
<td>9.00 - 9.15 AM</td>
<td>First trimester bleeding – what should you look for?</td>
<td>Dr. Leela Shankar</td>
</tr>
<tr>
<td>9.15 - 9.30 AM</td>
<td>Aneuploidy screening in Twins – Do’s &amp; Don’ts</td>
<td>Dr. Rachita Rama Murthy</td>
</tr>
<tr>
<td>9.30 - 9.50 AM</td>
<td>Pain abdomen in pregnancy – imaging beyond uterus</td>
<td>Dr. Veena Acharya</td>
</tr>
<tr>
<td>9.50 - 10.20 AM</td>
<td>Pre conception Counseling for Consanguineous couples - the need &amp; importance</td>
<td>Dr. S Beena</td>
</tr>
<tr>
<td>10.20 - 10.30 AM</td>
<td>DISCUSSION</td>
<td></td>
</tr>
<tr>
<td>10.30 - 1.00 PM</td>
<td>2nd &amp; 3rd TRIMESTER</td>
<td></td>
</tr>
<tr>
<td>10.30 - 10.50 AM</td>
<td>Timing the 3rd trimester scan for optimising outcomes</td>
<td>Prof. S Suresh</td>
</tr>
<tr>
<td>10.50 - 11.10 AM</td>
<td>USG in pregestational diabetes</td>
<td>Dr. Chitra Ganesh</td>
</tr>
<tr>
<td>11.10 - 11.30 AM</td>
<td>Pregnancy in a previous caesarean – imaging focus</td>
<td>Dr. Chinmayee Ratha</td>
</tr>
<tr>
<td>11.30 - 11.50 AM</td>
<td>Oligohydramnios in 3rd trimester – diagnosis &amp; surveillance</td>
<td>Dr. Sudarshan Suresh</td>
</tr>
<tr>
<td>11.50 - 12.00 AM</td>
<td>TRADE PRESENTATION</td>
<td></td>
</tr>
<tr>
<td>12.00 - 12.20 PM</td>
<td>Customised Growth Chart – understanding the concept</td>
<td>Prof. S Suresh</td>
</tr>
<tr>
<td>12.20 - 1.00 PM</td>
<td>Doppler &amp; fetal growth – current concepts (case based discussion)</td>
<td>Panelists:</td>
</tr>
<tr>
<td></td>
<td><em>Moderator:</em> Dr. Sudarshan Suresh</td>
<td>Dr. B S Rama Murthy</td>
</tr>
<tr>
<td></td>
<td><em>Panelists:</em> Dr. B S Rama Murthy, Dr. Indrani Suresh, Dr. Susheela Rani, Dr. Gayatri Kamath, Dr. M V Ashok</td>
<td></td>
</tr>
<tr>
<td>1.00 - 1.50 PM</td>
<td>LUNCH</td>
<td></td>
</tr>
<tr>
<td>1.50 - 2.00 PM</td>
<td>TRADE PRESENTATION</td>
<td></td>
</tr>
<tr>
<td>2.00 - 5.00 PM</td>
<td>FETAL MEDICINE</td>
<td></td>
</tr>
<tr>
<td>2.00 - 2.20 PM</td>
<td>Cardiac outflow tract anomalies – suspect &amp; diagnose</td>
<td>Dr. Priti Venkatesh</td>
</tr>
<tr>
<td>2.20 - 2.40 PM</td>
<td>Fetal Orbits</td>
<td>Dr. Indrani Suresh</td>
</tr>
<tr>
<td>2.40 - 3.00 PM</td>
<td>Closed Spinal Dysraphism</td>
<td>Dr. Lakshmy Ravi</td>
</tr>
<tr>
<td>3.00 - 3.20 PM</td>
<td>Techniques of Nasal Bone Imaging – video demonstration</td>
<td>Dr. Chinmayee Ratha</td>
</tr>
<tr>
<td>3.20 - 4.00 PM</td>
<td>Subtle Cardiac Findings – arriving at the diagnosis</td>
<td>Dr. B S Rama Murthy</td>
</tr>
<tr>
<td>4.00 - 4.45 PM</td>
<td>Brain teasers in Obstetrics Ultrasound – Case scenarios</td>
<td>Participants:</td>
</tr>
<tr>
<td></td>
<td><em>Conducted by:</em> Prof S Suresh</td>
<td>Dr. Chinmayee Ratha, Dr. Priti Venkatesh, Dr. Nandini Devi H R, Dr. Antony Roberts Charles</td>
</tr>
</tbody>
</table>
Registration Details

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Bird (Before 1st December, 2019)</td>
<td>Rs. 2,500/-</td>
</tr>
<tr>
<td>After 1st Dec &amp; Spot Registration</td>
<td>Rs. 3,000/-</td>
</tr>
<tr>
<td>PG Students &amp; ISOCS Members (Before 1st December, 2019)</td>
<td>Rs. 2,000/-</td>
</tr>
<tr>
<td>PG Students &amp; ISOCS Members (After 1st December &amp; Spot Registration)</td>
<td>Rs. 2,500/-</td>
</tr>
</tbody>
</table>

Post graduate students should furnish a letter of proof from the HOD of their institution.

Cancellation policy: If cancelled before 1st December - 70% will be refunded after the conference. Any cancellation after 1st December will not be eligible for refund. Delegates registered after 1st December & Spot Registrations will not be eligible for KMC credit points.

WHO SHOULD ATTEND?
- Sonologists
- Obstetricians & Gynecologists
- Radiologists involved with fetal imaging and
- Postgraduate students

Services offered:
- Ultrasound Scan
- Aneuploidy Screening
- Genetic Counselling
- Consultations

Karthik Ultrasound Scan Centre
Centre for Maternal and Fetal Care
& MediScan Bangalore Scan Training Centre
Centre for Skill Augmentation

207, 6th Cross, MICO Layout, II Stage, Arekere,
Bannerghatta Road, Bangalore 560076.
Ph: 080 26484030. Website: www.karthikultrasound.com