



INDIAN RADIOLOGICAL AND IMAGING ASSOCIATION

SONO SUMMIT 2024
INDIAN RADIOLOGY & IMAGING ASSOCIATION
12 - 14 JULY 2024
CHENNAI TRADE CENTRE, CHENNAI

INTERNATIONAL CONGRESS OF ULTRASOUND

SONOSUMMIT

12th -14th July 2024 | Chennai Trade Centre, Chennai.

SCIENTIFIC PROGRAM





You are invited to SONOSUMMIT

WELCOME TO THE LARGEST ULTRASOUND CONFERENCE !

It's our great pleasure to welcome you all once again to SONOSUMMIT 2024 – the largest International Congress of Ultrasound ! SONOSUMMIT is a unique conference which completes the entire gambit of sonography exclusively.

The conference will be held on 12th -14th July 2024, at Chennai Trade Centre, Chennai. Several International Faculty who are world leaders in Fetal Echo, Fetal Interventions and Doppler are part of the team. World renowned National Faculty will also guide the delegates in the intricacies of sonography.

This time we are going truly international with some of the biggest names in Fetal Radiology attending the summit to guide the delegates in the intricacies of sonography along with the **world renowned National Faculty**.

3 IRIA-ICRI certified courses on Advanced Fetal ECHO, Fetal Anomalies and Fetal Radiology & Genetics are being organised along with SonoSummit.

All basics of Ultrasound including Fetal, Abdomen, Pediatric, Women Imaging, Head & Neck and Interventions will be covered during the three day conference, The USP of the conference is that there is will be live demonstration of all topics.

4 Unique hands on workshops on Whole Body Doppler, Musculoskeletal Ultrasound & Interventions, Adult Echo and Fetal Interventions have also been designed for the benefit of radiologists who practice sonography.

Turf Expansion topics like Adult Echo, Samrakshan, Preventive Radiology, Oral Ultrasound and Contrast Ultrasound will be handled by subject experts in this conference widening the horizons of radiologists.

The renovated Chennai Trade Centre is a world class facility and previous two SonoSummit at Chennai were a resounding success. Chennai will be pleasant during July and the experienced Organizing Team will ensure that you have a meaningful learning experience. We expect more than 1500 delegates to participate in this conference.

We are sure that you will have a great learning experience along with warm hospitality and greatest knowledge sharing platform at this international, one of a kind summit. We look forward to see you at Chennai.

Dr. V.N. Varaprasad

President IRIA & Org Chairman
SonoSummit 2024

Dr. L. Murali Krishna

Secretary General & Org Secretary
SonoSummit 2024

Dr. A. Anbarasu

Scientific Committee Chairman
SonoSummit 2024

Dr. Hemant Patel

Past President IRIA & Patron
SonoSummit 2024

Dr. C. Amarnath

Past President IRIA & Patron
SonoSummit 2024

SCIENTIFIC PROGRAM DAY 1: July 12th, 2024

DAY 1	Hall A	Friday
TIME	TOPIC	Speaker
08:40 am - 08:50 am	Introduction and Overview of Sonosummit	
BASICS OF FETAL RADIOLOGY		
08:50 am – 09:10 am	Transvaginal ultrasound - Technique and normal anatomy	
09:10 am – 09:30 am	Normal ultrasound milestones in early pregnancy	
09:30 am – 09:50 am	Early pregnancy - assigning the dates? Get it right!	
09:50 am – 10:00 am	Discussion points	
10:00 am – 10:20 am	Adnexal ectopic pregnancy	
10:20 am – 10:40 am	Non-adnexal ectopic pregnancy - imaging	
10:40 am – 10:50 am PEARL SESSION: PITFALLS AND ERRORS IN ECTOPIC IMAGING		
11:00 am – 11:25 am	First trimester screening: aneuploidy markers; NT scan, biochemical tests and correlation	
11:25 am – 11:45 am	First trimester screening for pre eclampsia and FGR	
11:45 am – 11:55 am	Navigating the difficult situations while screening - What to do? Discussion	
11:55 am – 12:20 pm	Evaluation of multiple pregnancy - dating and determining chorionicity	
12:20 pm – 01:00 pm	Demonstration - Early first trimester	
01:05 pm – 02:00 pm	LUNCH	
02:00 pm – 02:20 pm	Fetal biometry - Basics	
02:20 pm – 02:45 pm	TIFFA scan - step by step approach	
02:45 pm – 03:05 pm	Recurrent pregnancy loss - complete evaluation	
SAMRAKSHAN SESSION		
03:10 pm – 03:30 pm	Can Samrakshan tackle the problem of low birth weight in India?	
03:30 pm – 03:50 pm	CPR - Cerebro placental ratio	
03:50 pm – 04:10 pm	Should we include Preeclampsia and FGR screening in second trimester?	
04:10 pm – 04:40 pm	Uterine artery doppler. Demo	
PCPNDT - THE LEGAL REQUIREMENT		
04:45 pm – 05:00 pm	PCPNDT: essential - the record keeping - forms etc...	
05:00 pm – 05:20 pm	PCPNDT: Do's and Don't's in every day practice	
05:20 pm – 05:45 pm	Panel Discussion	

SCIENTIFIC PROGRAM DAY 1: July 12th, 2024

DAY 1	Hall B	Friday
TIME	TOPIC	Speaker
08:30 - 08:55 am	FAST and USG in abdomen trauma	
08:55 - 09:20 am	GB & biliary tree ultrasound - basics & beyond	
09:20 - 09:40 am	Liver - case based discussion: complex cases - look for clues	
09:40 - 10:00 am	Sonographic fat quantification in liver	
10:00 - 10:20 am	Demonstration	
10:20 - 10:30 am	Discussion	
10:30 - 10:50 am	Liver elastography - technique and interpretation	
10:50 - 11:10 am	Demonstration	
11:00 - 11:15 am	Q & A	
11:15 - 11:35 am	Foreign body removal - USG guidance: Radiologist as treating Doctor!	
11:35 - 11:55 am	A tour of TIRADS - ups and downs	
11:55 - 12:05 pm	Ultrasound of salivary glands	
12:05 - 12:25 pm	USG orbit - the normal and abnormal	
12:30 - 01:00 pm	Demonstration	
01:05 - 02:00 pm	LUNCH	
02:00 - 02:25 pm	Urinary tract ultrasound	
02:25 - 02:45 pm	Imaging in male infertility	
02:45 - 03:05 pm	The acute scrotum - making a sound diagnosis	
03:05 - 03:30 pm	Demonstration	
03:30 - 03:55 pm	Imaging post transplant complications	
03:55 - 04:10 pm	Bowel ultrasound - CORE session - clinical orientation and case scenerio	
04:10 - 04:30 pm	Bowel ultrasound - scanning techniques and demo	
04:25 - 04:45 pm	Bowel ultrasound - other common pathologies to look for?	
04:45 - 05:05 pm	Perianal fistulae - get the 3D map with ultrasound	

SCIENTIFIC PROGRAM DAY 1: July 12th, 2024

DAY 1	Hall C	Friday
TIME	TOPIC	Speaker
ADVANCED COURSE - FETAL ECHO - COMPREHENSIVE COURSE		
Limited seats	PROF MARCIN	
08:30 - 12:30 pm	<ol style="list-style-type: none"> 1. Overview of development of heart - with respect to pathologies(20 min) 2. Sequential segmental analysis of heart- cardiac views (60 min) 3. Upper mediastinal views - complexity and practical applications (30 min) 4. Virtual reality demonstartion of fetal heart (30 min) 5. Image optimization and technical aspects - Fetal ECHO (40 MIN) 6. Genetics in cardiac anomalies 7. Counseling for parents of fetuses with cardiac anoamlies 8. Live demo - Fetal cardiac scan (40 min) 	
02:00 - 05:00 pm	<ol style="list-style-type: none"> 9. Doppler techniques and M mode for fetal heart assessment (60 min) 10. Early fetal ECHO (60 MIN) 11. Live scan 12 -13 weeks Fetal Heart 	

DAY 1	Hall D	Friday
ADVANCED COURSE IN FETAL RADIOLOGY & GENETICS		
3 DAY - LIMITED SEATS		
FETAL NEUROSONOGRAM		
08:30 - 08:55 am	Fetal brain evalaution in I trimester	
09:55 - 09:20 am	Abnormalities of corpus callosum and anterior complex - mediator problems.	
09:20 - 09:40 am	Ventriculomegaly evaluation - recent updates.	
09:40 - 10:20 am	Basic and extended fetal neurosonogram - live demo/ lecture	
10:20 - 10:30 am	Discussion / Q &A	
10:30 - 11:00 am	Fetal stroke - cerebrovascular insults	
11:00 - 11:20 am	Posterior fossa abnormalities	
11:20 - 11:40 am	Evaluation of spinal dysraphism	
11:40 - 12:00 noon	Malformations of cortical development	
12:00 - 12:20 pm	Cysts and tumours of supratentorial brain	
12:20 - 12:40 pm	PEARL session: common errors and pitfalls in neurosonogram	
12:40 - 01:00 pm	Panel discussion	

GENETICS

02:00 - 02:25 pm	Basic genetics for radiologists
02:25 - 02:50 pm	Overview of various genetic tests
02:50 - 03:15 pm	Aneuploidy screening in first trimester
03:15 - 03:30 pm	panel discussion
03:35 - 03:55 pm	NIPS - pearls and pitfalls
03:55 - 04:15 pm	Challenges faced in prenatal genetic evaluation in Indian scenario
04:15 - 04:45 pm	Case based review

DAY 1

Hall E

Friday

PAPERS / POSTERS

DAY 1

Hall G

Friday

CCPAD - HANDS ON

**2 DAY -
LIMITED NUMBERS**

**CERTIFICATE COURSE IN PERIPHERAL AND ABDOMEN DOPPLER
ICRI certification course**

08:30 - 09:25 am	Knobology, Doppler techniques, Anatomy and artifacts
09:25 - 09:55 am	Carotid Doppler: Demonstration & Case discussion
09:55 - 11:30 am	Carotid Doppler: hands-on session
11:30 - 12:05 pm	Carotid Doppler: further Cases and discussion
12:05 - 12:30 pm	UL arterial Doppler - technique, anatomy, demonstration
12:30 - 01:00 pm	UL Venous Doppler - technique, anatomy, demonstration
01:00 - 02:00 pm	LUNCH
02:00 - 03:30 pm	Hands on - upper limb arterial and venous doppler
03:30 - 05:00 pm	Cases discussion and problem solving session Upper limb arterial Upper limb venous Carotid doppler complex cases

DAY 1	Hall H	Friday
--------------	---------------	---------------

CCPAD - HANDS ON		
-------------------------	--	--

2 DAY - LIMITED NUMBERS	CERTIFICATE COURSE IN MSK ULTRASOUND - ICRI - CERTIFICATION COURSE	
--------------------------------	---------------------------------------------------------------------------	--

08:30 - 09:00 am	Knobology, msk scanning techniques and artifacts
09:00 - 09:30 am	Shoulder ultrasound: Anatomy and Technique
09:30 - 10 30 am	Shoulder ultrasound - Demonstration
10:30 - 11:30 am	Shoulder ultrasound - Cases & Discussion with MRI correlates
11:30 - 01:00 pm	Shoulder ultrasound - Hands-on session
	LUNCH BREAK
02:00 - 02:30 pm	Wrist and elbow Ultrasound - Anatomy /technique
02:30 - 03:00 pm	Wrist Ultrasound - Demonstration
03:00 - 03:30 pm	Elbow ultrasound - Demonstration
03:30 - 05:00 pm	Elbow and wrist ultrasound - Hands on Session
05:00 - 05:30 pm	Brachial plexus - Anatomy & Demonstration
05:00 - 06:00 pm	Discussion and Doubts clearing session

DAY 1	Hall J	Friday
--------------	---------------	---------------

3DAY - LIMITED SEATS	CCFRG - MODULE 1	
-----------------------------	-------------------------	--

SCIENTIFIC PROGRAM DAY 2: July 13th, 2024

DAY 2	Hall A	Saturday
TIME	TOPIC	Speaker
BASICS OF FETAL RADIOLOGY		
08:30 - 08:55 am	Fetal ECHO - Guidelines	
08:55 - 09:20 am	Fetal neurosonogram - guidelines	
09:20 - 09:30 am	Discussion - Significance of guidelines etc.	
09:30 - 09:55 am	Fetal GIT - an overview	
09:55 - 10:15 am	Fetal pyelectasis	
10:15 - 10:40 am	Cystic renal diseases	
10:40 - 11:15 am	Demonstration - Head and Abdomen	
11:15 - 11:40 am	Approach to skeletal dysplasias	
11:40 - 12:05 pm	Evaluation of fetal face	
12:05 - 01:00 pm	Demonstration - Bones and face	
01:05 - 02:00 pm	LUNCH	
02:00 - 02:20 pm	Obstetric doppler - Basics: Do's and Don'ts	
02:20 - 02:45 pm	Sonographic assessment of fetal growth and interpretation of growth charts	
02:45 - 03:05 pm	Intra uterine growth restriction	
03:10 - 03:30 pm	Demonstration - Doppler and fetal growth	
03:30 - 03:50 pm	Imaging in fetal infections	
03:50 - 04:10 pm	Fetal anemia	
04:10 - 04:40 pm	Fetus in diabetic and hypothyroid mother	
04:40 - 05:15 pm	Fetal surgery, current concepts and the role of Radiologist	

DAY 2	Hall B	Saturday
ABDOMEN & SMALL PARTS		
08:30 - 08:55 am	Ultrasound of Pediatric GIT - the routine check	
08:55 - 09:20 am	Acute Pediatric abdomen - targetted sytematic approach	
09:20 - 09:40 am	USG evluation of pediatric intra abdominal cyst	
09:40 - 10:10 am	Demonstration - Paeditric abdomen	
10:10 - 10:20 am	Cranial ultrasound - techniques, anatomy and variants	
10:20 - 10:40 am	Spine ultrasound in the era of MRI	
10:40 - 11:00 am	Pediatric hip ultrasound	

DAY 2**Hall B****Saturday**

11:00 - 11:40 am	Demonstration - Paeditric Spine and hip
11:40 - 12:00 noon	Imaging of neonatal kidneys, bladder and urethra
12:00 - 12:20 pm	Pediatic scrotal emergencies
12:20 - 12:40 pm	PEARL session: Paediatic ultrasound
12:40 - 01:00 pm	Demonstration
01:05 - 02:00 pm	Lunch
02:00 - 02:20 pm	Pediatic soft tissue lumps and bumps
02:20 - 02:45 pm	Role of Intra operative USG - Brain tumours
02:45 - 03:05 pm	Lung ultrasound - recent updates
03:10 - 03:30 pm	Carotid ultrasound - when the charts don't work
03:30 - 03:50 pm	Demonstration
03:50 - 04:10 pm	Non atherosclerotic pathology of carotids
04:10 - 04:40 pm	Doppler Ultrasound - Lower limb arteries
04:40 - 05:00 pm	Doppler Ultrasound - Lower limb veins
05:00 - 05:30 pm	Demonstration

DAY 2**Hall C****Saturday****ADVANCED COURSE - FETAL ECHO - COMPREHENSIVE COURSE**

08:30 - 12:30 pm	<ol style="list-style-type: none">1. Critical CHD (40 min)2. Hypoplastic left heart syndrome in depth (60 min)3. Univentricular morphology - diagnosis and prognosis aspects (40 min)4. Live scan (60 min)
02:00 - 05:00 pm	<ol style="list-style-type: none">5. Coarctation of aorta and Interruption of aortic arch (40 min)6. Anomalies of Pulmonary venous drainage (30 min)7. RVOT obstructive anomalies (40 min)8. Tricuspid valve abnormalities (20 min)9. Tetralogy of Fallot (60 min)

DAY 2**Hall D****Saturday****ADVANCED COURSE IN FETAL RADIOLOGY & GENETICS****3 DAY - LIMITED SEATS****FETAL ECHO**

08:30 - 12:45 am	<p>Situs abnormalities in fetus</p> <p>Rhythm abnormalities in fetus</p> <p>Evaluation of over-riding vessel</p> <p>Common echo findings - how to approach</p> <p>Counselling and further investigations in cardiac anomalies</p> <p>Chamber asymmetry evaluation</p> <p>STIC - 3D/ 4D imaging</p> <p>Functional assessment of heart</p> <p>Anomalous pulmonary venous connections</p> <p>Aortic arch anomalies</p>
------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

FETAL CHEST, ABDOMEN & MSK

01:30 - 05:00 pm	<p>Congenital diaphragmatic hernia</p> <p>Chest masses</p> <p>Echogenic bowel</p> <p>Anterior abdominal wall defects</p> <p>Cystic lesions of abdomen</p> <p>CAKUT</p> <p>Evaluation of short femur</p> <p>Evaluation in non-lethal skeletal dysplasias</p>
------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DAY 2**Hall E****Saturday****PAPERS / POSTERS****DAY 2****Hall G****Saturday****CCPAD - ICRI CERTIFICATION COURSE****2-DAY COURSE****CERTIFICATE COURSE IN PERIPHERAL AND ABDOMEN DOPPLER**

08:30 - 09:00 am	Portal Doppler: Anatomy and Technique
09:00 - 09:30 am	Portal Doppler: Demonstration
09:30 - 10:30 am	Renal doppler - technique and Demonstration

DAY 2**Hall G****Saturday**

10:30 - 11:30 am	Other abdomen doppler
11:30 - 01:00 pm	Hands on - portal / renal / abdomen doppler
01:00 - 01:30 pm	Transplant kidney Doppler - technique and cases discussion
01:30 - 02:30 pm	LUNCH
02:30 - 03:00 pm	LL Venous Doppler: Anatomy and technique
03:00 - 03:30 pm	LL Arterial Doppler - Anatomy and techniques
03:30 - 05:00 pm	Hands on - lower limb doppler
05:00 - 05:45 pm	Scrotum / Penile Doppler - technique & case discussion
05:45 - 06:00 pm	Problem solving session
06:15 pm	Discussion and close

DAY 2**Hall H****Saturday****CCMSK- ICRI CERTIFICATION COURSE****2 DAY -
LIMITED NUMBERS****CERTIFICATE COURSE IN MSK ULTRASOUND**

09:00 - 09:30 am	Ankle ultrasound: Anatomy and Technique
09:30 - 10:00 am	Ankle Ultrasound - Demonstration
10:00 - 11:30 am	Ankle ultrasound - Hands-on session Ankle ultrasound - Case Discussion
11:30 - 12:05 pm	Knee Ultrasound - Anatomy /technique
12:05 - 12:30 pm	Knee Ultrasound - Demonstration
12:30 - 01:00 pm	Lower limb nerves and muscles anatomy demo
01:00 - 02:00 pm	LUNCH
02:00 - 03:30 pm	Hands on lower limb knee joint, nerves and muscles
03:30 - 04:00 pm	Hip ultrasound - Demonstration
04:00 - 04:45 pm	Infant hip ultrasound technique
04:45 pm	Discussion and Doubts clearing session
05:15 pm	Close

DAY 2**Hall J****Saturday****3DAY -
LIMITED SEATS****CCFRG - MODULE 1
CERTIFICATE COURSE IN FETAL RADIOLOGY & GENETICS**

SCIENTIFIC PROGRAM DAY 3: July 14th, 2024

DAY 3

Hall A

Sunday

IRIA/ICRI BUSINESS MEETINGS / FETAL RADIOLOGY BASICS

08:30 - 09:30 am	GENERAL COUNCIL MEETING ICRI
09:30 - 10:00 am	OTHER MEETINGS
10:00 - 12:00 noon	CCM
12:10 - 12:35 pm	Assessment of fetal environment - Placenta and cord abnormalities
12:35 - 01:00 pm	Second trimester soft markers - Guidelines for detection and counselling
01:00 - 02:00 pm	LUNCH
02:00 - 02:20 pm	Oligo and polyhydramnios - Ultrasound checklist
02:20 - 02:40 pm	Cervical assessment
02:40 - 03:00 pm	Complications in MCDA twins
03:00 - 03:20 pm	Overview of third trimester scan
03:20 - 03:40 pm	Predicting perinatal complications in third trimester
03:40 - 04:00 pm	Summary & Discussion

Hall B

GYNAEC ULTRASOUND

08:30 - 08:55 am	3 D USG Pelvis - Practical points
08:55 - 09:20 am	Evaluation of RPOC
09:20 - 09:40 am	Ultrasound imaging in infertility
09:40 - 10:10 am	Role of colour doppler in prediction of success of ovulation and implantation
10:10 - 10:40 am	USG evaluation of endometriosis : IDEA protocol
10:20 - 10:40 am	Advanced ultrasound techniques in gynaec imaging - Role of elastography
10:40 - 11:00 am	IOTA and ORADS - newer adnexal models
11:00 - 11:20 am	panel discussion on Endometriosis and current concepts
11:20 - 11:40 am	HSG and SSG - selective salphigography and Fallopian tube recanalization
11:40 - 12:00 noon	Pelvic floor imaging
12:00 - 12:20 pm	Gynec Causes of pelvic pain
12:20 - 12:40 pm	Non- Gynaec Causes of pelvic pain
12:40 - 01:00 pm	Demonstration
01:05 - 02:00 pm	Advances in breast ultrasound - Elastography
02:00 - 02:20 pm	Physiological appearances of breast - adolescence, young, middle age and menopausal phase
02:20 - 02:45 pm	USG breast - BIRADS assessment

02:45 - 03:05 pm	USG imaging in secondary PPH
03:10 - 03:30 pm	Role of USG in abnormal uterine bleeding
03:30 - 03:50 pm	USG evaluation of mullerian anomalies
03:50 - 04:10 pm	USG imaging of fallopian tubes - the neglected areas
04:10 - 04:40 pm	PEARLS of Gynec Ultrasound

DAY 3	Hall C	Sunday
3 DAY COURSE Limited Seats	ADVANCED COURSE - FETAL ECHO - COMPREHENSIVE COURSE	

1. Approach to an overriding vessel (20 min)
2. Transposition of great arteries and Taussig Bing anomlay (40 min)
3. Aortic dextroposition (30 min)
4. Vascular rings and slings (20 min)
5. Complexity of heterotaxy (30 min)
6. Rare cardiac conditions
7. Rhthym and conduction abnormalities
8. VR workshop (120 min)

DAY 3	Hall D	Sunday
ACFRG - ADVANCED COURSE IN FETAL RADIOLOGY & GENETICS		
3 DAY - LIMITED SEATS	MULTIORDER PREGNANCY	

08:30 - 11:30 am	<p>FTS in twins</p> <p>Vascular complications in MCDA twins</p> <p>Selective FGR</p> <p>Single twin demise</p> <p>Higher order pregnancies</p> <p>Fetal reduction - an overview</p> <p>Discordant anomalies in twins and indications for invasive testing</p>
11:30 - 04:00 pm	<p>Fetal Echo - a short review (Prof Marcin)</p> <p>GDM complicating pregnancy</p> <p>Biophysical profile</p> <p>Evaluation of cervical incompetence</p> <p>Role of imaging in obstetric emergencies</p> <p>Fetal anemia - diagnosis and management</p> <p>Evaluation of fetal hydrops</p> <p>Role of fetal autopsy - does it add value?</p> <p>Fetal intervention and fetal surgery - current concepts</p>

DAY 3**Hall E****Sunday****PAPERS / POSTERS****DAY 3****Hall G****Sunday****ADULT ECHO****1-DAY COURSE****BASICS**

08:30 - 01:00 pm	<ol style="list-style-type: none"> 1. Machine settings and instrumentaion (10 min) 2. Cradiac anatomy - 10 min + Demo 3. How to do ECHO - MODES 15 MIN 4. Basic ECHO views - 15 min + DEMO 5. Systolic function (EF) & Diastolic function - 15 min 6. Coronary artery disease - Wall motion 10 min + ECHO 7. Valves - Maitral & aortic 30 min + DEMO 8. PHT/ Pericardiac effusion / cardiac masses 20 min
02:00 - 03:30 pm	After noon session - Hands on training
03:30 - 04:30 pm	Discussion and doubt clearing session

DAY 3**Hall H****Sunday****FETAL INTERVENTION****1-DAY COURSE****Session 1: laws, lectures, videos**

08:30 am onwards	What Radiologists should know before entering the uterus with needle
09:00 - 09:20 am	PCPNDT - laws related to fetal intervention
09:20 - 09:35 am	Amniocentasis
09:35 - 09:50 am	Chorionic villous sampling
09:50 - 10:10 am	Intrauterine blood transfusion
10:10 - 10:20 am	Interstitial laser ablation
10:20 - 10:40 am	RF ablation
10:40 - 11:00 am	Bipolar cord coagulation / laser ablation for TTTS
11:00 - 12:00 noon	Advances in fetal intervention & Role of Radiologists before and after fetal surgery Prof Enrique, Peru, South America

DAY 3

Hall H

Sunday

SESSION 2 - HANDS ON TRAINING

12:00 - 12:25 pm	Amniocentesis - Batch A
12:25 - 12:50 pm	CVS
12:50 - 01:20 pm	Intrauterine blood transfusion
01:20 - 02:15 pm	Lunch
02:15 - 03:35 pm	Amnio/CVS/IUBT - hands on Batch B
03:45 - 05:05 pm	Amnio/CVS/IUBT - Hands on Batch C

DAY 3

Hall J

Sunday

**3DAY -
LIMITED SEATS**

**CCFRG - MODULE 1
CERTIFICATE COURSE IN FETAL RADIOLOGY & GENETICS**



INDIAN RADIOLOGICAL AND IMAGING ASSOCIATION

SECRETARY-GENERAL, IRIA

IRIA House, C-5, Outab Institutional Area, Behind Outab Hotel, New Delhi-110 016.

011-41688846, 011-26565391 | sonosummit@gmail.com

www.sonosummit.org