



The Fetal  
Medicine  
Foundation  
India

# FETAL MEDICINE FOUNDATION INDIA BIENNALE CONFERENCE



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**23-24-25 AUGUST 2024 DEHRADUN**  
VENUE: HYATT REGENCY RESORT AND SPA

## PRE CONFERENCE **WORKSHOP** **SCREENING FOR ANEUPLOIDIES IN SINGLETONS AND TWINS** DATE: 23<sup>rd</sup> AUGUST 2024 TIME: 02.00 PM - 6.00 PM



### Workshop Convenor:

**Dr. Shweta Bhandari,**  
Consultant, Fetal Medicine,  
Aayusha Centre for Fetal Medicine, Indore



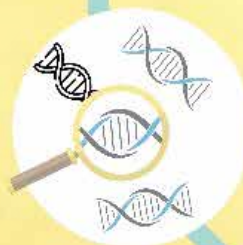
### Workshop Convenor:

**Dr. Navya KC,**  
Consultant, Fetal Medicine,  
Yashoda Hospitals, Hyderabad



### Co-Convenor:

**Dr. Rajeev Sikund,**  
Director, Radiology,  
Sikund Diagnostic Centre, Dehradun



### Co-Convenor:

**Dr. Latika Chawla,**  
Associate Professor,  
Dept of ObGYN, AIIMS Rishikesh



## Chief Faculty



**Prof. Dipika Deka,**  
Senior Consultant,  
Global Ultrasound Fetal Medicine, Gurgaon



**Dr. Bijoy Balakrishnan,**  
Specialist Lead Consultant,  
Fetal Medicine Unit, CIMAR, Ernakulam

- Explore the essentials of aneuploidy screening, interpretation, and the nuances of screening in both singletons multiple pregnancies.
- Evaluate advancements in non-invasive screening like Expanded NIPS or whole genome NIPS
- Understand correct interpretation of soft markers, risk assessment based on genetic sonogram and their interpretation on live patients

### This comprehensive workshop includes:

- Lectures
- Case based discussions
- Live scan demonstrations on evaluating soft markers
- Participant materials for easy access to software for risk calculations for aneuploidies

Register at: [www.fmfindia.in/dehradun](http://www.fmfindia.in/dehradun)



## TIME

## PROGRAMME:

02.00 - 02.10 PM	<b>Welcome and opening keynote</b>
2.10 - 2.30 PM	<b>Soft markers on genetic sonograms -when to be alarmed and how to counsel the expectant mothers. -Understanding apriori risk, adjusted risks and risk calculations.</b>
2.30 - 3.00 PM	<b>Live demo- Genetic sonogram</b>
3.00 - 3:30 PM	<b>Aneuploidy screening and interpretation</b> <ul style="list-style-type: none"><li>• <b>The Quadruple Marker:</b> Components and the correct time frame. Relevant clinical information in risk estimation.</li><li>• <b>Triple Marker;</b> Is it still relevant?</li><li>• Integrating first and second trimester biochemistry.</li><li>• Understanding <b>ultrasound markers</b> and the importance of biochemistry and relevant clinical information in risk estimation.</li></ul>
3:30 - 4:00 PM	<b>Screening in special situations</b> <ul style="list-style-type: none"><li>• Vanishing twins, Post reduction, Higher order multiple gestation, IVF Donor Egg, Euploid embryo transfer</li><li>• Extreme situations: Interpretation and management of</li><li>• Low estriol, High beta HCG, High AFP</li></ul>
4:00 - 4:20 PM	<b>Non-invasive prenatal testing and its scope</b> <ul style="list-style-type: none"><li>• NIPT to screen for aneuploidies</li><li>• Understanding its utility for micro deletions and whole genome sequencing</li></ul>
4:20 - 4:40 PM	<b>Safety of diagnostic tests- Amniocentesis / Placental Biopsy / Fetal Blood Sampling – Practical Tips and Simulation</b>
4:40 - 5:10 PM	<b>Panel Discussion</b> <ul style="list-style-type: none"><li>• Navigating screen positives requires clarity in communicating findings, providing support and guidance to patients through further diagnostic steps and decision-making processes.</li></ul>
5:15 Onwards	<b>Live demo of common anomalies which need to be screened for aneuploidies and other genetic disorders!</b>

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