The Fetal Medicine Foundation | The Fetal Medicine Foundation India Trust

FMF FETAL ANOMALY CERTIFICATION COURSE

WITH LIVE DEMOS AND EXIT EXAM

In partnership with the **Fetal Medicine Foundation India Trust** we are delighted to host the **FMF-UK Fetal Anomaly Certification Programme at the Fetal Neuro Summit** in Jaipur, 19-20th December 2026. The certification course will include hands-on practical training, followed by the exit assessment conducted at a local medical college.



Professor Kypros Nicolaides
founder and chairman of the of
The Fetal Medicine Foundation (FMF)

FETAL ANOMALY COURSE FACULTY


Anita Kaul


Seshadri Suresh


Ashok Khurana


Prashant Acharya


Divya Singh


Shweta Bhandari


Nupur Shah


Navya K C


Aradhana Aggarwal


Urvashi Chikkara


Shreyasi Sharma


Chandrakant Garg

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FETAL NEURO SUMMIT

Jaipur

19-20 DEC 2026

Organising Chairperson
Dr. Anita Kaul

visit: www.empower-us.in

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FETAL NEURO SUMMIT

HALL 3

FMF FETAL ANOMALY CERTIFICATION COURSE

The Fetal Medicine Foundation

The Fetal Medicine Foundation India Trust

DAY 1

Time	Speakers	Session/ Module
7.30-8.00	Registration	
8.00-8.15	**Welcome**	**Introduction**
	Dr Suresh Seshadri	Introduction to the FMF-FMFI Anomaly Scan Certification and international screening benchmarks.
	Dr Ashok Khurana	Navigating the FMFI portal (www.fmfindia.in), active FMF ID registration, and managing the application pathway.
	Dr Anita Kaul	Mandatory compliance with the PCPNDT Act and applicable Indian regulatory requirements for obstetric ultrasound.
		Course faculty
8.15-8.55	**CNS**	**Head & Brain**
	Dr Shreyasi Sharma	Anatomical criteria for the Axial TV plane: measuring BPD, OFD, and the lateral ventricle atrium (< 10 mm) with a visible CSP.
	Discussions: 5 mins	Anatomical criteria for the Axial TC plane: measuring and displaying a dumb-bell shaped cerebellum, cisterna magna, and nuchal fold
		Head & Brain - Abnormals - video demos
		Spine
8.55-9.35	Dr Ashok Khurana	Spine protocol breakdown: demonstrating the intact skin line and natural curvature across the sagittal cervical/ upper thoracic spine, sagittal lumbosacral spine, and axial sacral spine tip.
	Discussions: 5 mins	Spine - Abnormals - video demos

	Urinary Tract	**Kidneys & Bladder**
9.35-10.15	Dr. Suresh Seshadri	Renal pelvices protocol: demonstrating and measuring bilateral antero-posterior diameters.
	Discussions: 5 mins	Axial bladder view: using Colour Doppler to demonstrate two distinct umbilical arteries hugging the bladder walls.
		Urinary Tract - Abnormals - video demos
10.15-10.55	**Face & Neck**	**Face**
	Dr Divya Singh	Mid-sagittal fetal profile requirements: end-to-end nasal bone measurement, forehead profile, and ruling out micrognathia.
	Discussions: 5 mins	Reviewing facial structures: integrity of the upper lip & nostrils (ruling out cleft lip), transverse orbits & lenses (evaluating hypo/hypertelorism or cataracts), hard palate, and external ear measurements.
		Face & Neck - Abnormals - video demos
11.00-11.30		**Coffee**
11.30-12.10	**Extremities**	**Upper & Lower Limbs**
	Dr Urvashi Chikkara	Extremities protocol: longitudinal view and measurement of Femur Length (FL).
	Discussions: 5 mins	Longitudinal views of the forearms (radius/ulna with open hand) and lower legs (tibia/fibula with foot, ensuring the exclusion of club foot/CTEV).
		Footprint view requirements: demonstrating all toes clearly while keeping the legs completely out of the frame.
		Extremities - Abnormals - video demos
12.10-12.50	**Thorax**	**Thorax**
	Dr Aradhana Aggarwal	Assessment of Fetal Thorax - Axial, Sagittal & Coronal Views
	Discussions: 5 mins	Thorax - Abnormals - video demos
		Soft Markers / Bloods
12.50-13.30	Dr Shweta Bhandari	Soft markers in 2TW Calculation of Risks in 2T
13.30-14.10	Dr Navya KC	Serum Biochemistry in 2T - Quad/ cfDNA/ sFlt-1/ PLGF
		MCQ Exam
14.10-14.30	Dr Anita Kaul	MCQ Exam on Second Trimester Module
14.30-15.30		**Lunch**

15.30-16.40	**Cardia**	**Cardia - Normal planes**
	Dr Nupur Shah Dr Chandrakant Garg	Anatomical breakdown of the Axial 4-Chamber view (4CH): verifying symmetry, the ventricular septum, differential AV valve insertion, and the foramen ovale flap in the left atrium.
	Discussions: 5 mins	Left Ventricular Outflow Tract (LVOT) criteria: confirming aorta origin while maintaining septo-aortic and mitral-aortic continuity.
		Right Ventricular Outflow Tract (RVOT) criteria: demonstrating the pulmonary artery arising from the right ventricle and its subsequent branching.
		3-Vessel / Trachea View (3VV / 3VT): evaluating the alignment and relative sizes of the Pulmonary Artery, Aorta, and Superior Vena Cava.
		Axial upper thorax view: utilizing Colour Doppler flow imaging to map the Normal Right Subclavian Artery (NRSA) coursing behind the trachea.
		Standard cardiac views, emphasizing dynamic sweeps from the 4CH view up to the 3VT view.
		Demonstrating how to avoid "incomplete outflow tracts" by ensuring the vessel is clearly shown originating from its respective ventricle.
		Adjusting gain and focal zones to ensure crisp visibility of moving structures like heart valves.
		Cardia - Abnormals - video demos
		4CV anomalies
		OFT anomalies
16.40-17.00		**General Image Quality Standards and Rejection Pitfalls**
	Dr Anita Kaul	Review of core quality criteria: ensuring each structure occupies approximately 75% of the frame, and optimizing gain, focal zones, and depth.
		Protocol for image de-identification (removing patient names/identifiers) and clear, systematic plane labelling.
		Case discussion on self-auditing to prevent immediate re-submission requests due to blurry borders or acoustic shadowing.
		Interactive session examining automated portal checks for image resolution, date validity, and plagiarism.
		Case review of sample head and face images failing the initial automated pre-screen.
		Review of submitted image sets rejected due to partial views, sub-optimal Doppler flow, or wrong magnification.
		Understanding the AI pre-screening criteria pre-fill system for complex cardiac views.
17.00-18.00		**Oral Presentations**

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VENUE: JAIPUR NATIONAL UNIVERSITY, JAIPUR

FMF FETAL ANOMALY CERTIFICATION COURSE

Day 2 Live Demonstrations by the faculty and the exit exam for practical certification will be orgnised at Jaipur National University, Jaipur

DAY 2

Time	Session/ Module	Talk
9.00 -11.00 AM	Group Demonstra-tions on patients - Onsite All Faculty	Interactive Session: **Final 24-Image Set Checklist and Practical Examination Roadmap** **Small Group Live Demonstrations** ,in which the 24 correct image submissions will be demonstated on patients with tips for acquisition and enough time to ask the Group Mentor questions .In addition Uterine Artery Doppler ,Cer-vical Length and Obstetric Dopplers will be demonstrated.
		"Final walkthrough of the pre-upload self-audit checklist (ensuring all 24 specific images are compiled as a single set, fully de-identified, correctly labelled, and anno-tated)."
		"**Preparing for the hands-on Practical Examination**: what the FMFI-approved examiner looks for regarding scanning technique, measurement accuracy, landmark identification, and PCPNDT Act compliance."
		"Final certification overview: from receiving the FMFI Au-dit Report to the issuance of the globally recognized, co-branded FMF UK / FMFI Certificate of Competence and directory listing."
11.00 AM-5.30 PM		**FMF-UK /FMFI Fetal Anomaly Practical Assessment Exam (for those who are eligible for the assessment)**

