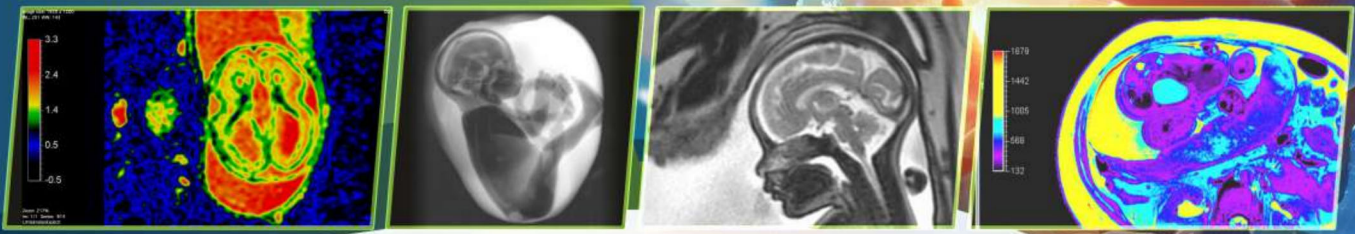




3rd Hands-on Fetal MRI Course

-from Pixel to Practice

19th-20th April 2025
Auditorium
Indraprastha Apollo Hospital
New Delhi



Interactive Session on DICOM-Viewer

in Collaboration with



An Integrated Interactive Platform for Learning Fetal Ultrasound and MRI

Organized by
Fetal MRI Community and Centre for Advanced Imaging
Indraprastha Apollo Hospital New Delhi

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Course Highlights

1. Antenatal MR Imaging including Fetal and Placental MRI is the key 'problem-solving' option in a wide range of fetal and placental abnormalities. Antenatal MRI is the robust imaging option after the initial Ultrasound scan is performed.
2. Fetal MR Imaging helps in confirmation of Ultrasound findings and provides key structural and functional information, which helps in better prognostication, patient counseling and decision-making in fetal medicine.
3. Placental MR Imaging allows confident diagnosis of Placenta Accreta Spectrum [PAS].
4. This 'hands-on' ONSITE course on Fetal MRI provides an excellent platform to learn the basic and advanced concepts in Fetal MR brain & body imaging from the national and international experts.
5. All delegates will be provided with worked-up cases on a 'DICOM-viewer' for interactive 'hands-on' learning. The faculty will assist the delegates to evaluate each case and understand the key learning points. Correlative Ultrasound images will be available in select cases for simultaneous learning.
6. Additional sessions on 'pearls / pitfalls', 'guidelines' and 'advancements' will provide further insights into Fetal MR Imaging. 'Illustrated Cases' Session and 'Multi-disciplinary meeting' will provide practical understanding of the nuances in the clinical work-up of these patients.
7. This is the only teaching course in the world which provides an integrated interactive platform for simultaneous learning of the Fetal Ultrasound and Fetal MRI.

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Fetal MRI Community and Centre for Advanced Imaging
Indraprastha Apollo Hospital, New Delhi

Organizers

Dr Nitin P Ghonge
Organizing Chairperson

Dr Rijo Mathew
Co-organizing Chairperson

Dr Nidhi Goyal
Organizing Secretary

FMRC Office Bearers

Governing Body Members



Dr Nitin P Ghonge
Founder, President



Dr Rijo Mathew
Founder, Vice-President



Dr Nidhi Goyal
Founder, Secretary-Treasurer



Dr R. Rajeswaran



Dr Priscila Joshi



Dr Bavaharan Rajalingam



Dr Smita Manchanda



Dr Sumathi Natarajan



Dr Veenu Singla



Dr Anjali Prakash

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PROGRAM

Date	Topic	Speaker
Day1	Saturday, 19 April, 2025	
Session 1 08.30-09.00	Overview of Fetal MRI: Key points <ul style="list-style-type: none"> • Clinical indications/contraindications. • Patient scheduling/preparations. • Key MR sequences and scan guidelines. • Maternal-Fetal Safety & PC-PNDT compliance. 	Dr Nitin P Ghonge
Session 2 09.00-10.00	Image Acquisition: MR sequences & protocols <ul style="list-style-type: none"> • Scan Acquisition Protocols & Planning: LIVE DEMO from the MRI room. • Image quality optimization-Tips and tricks. 	
10.00-10.30	Course Inauguration & Lamp Lightening Fetal MRI Community' [FMRC]: A Curtain Raiser <ul style="list-style-type: none"> • Felicitation of the executive committee. • Presidential address. • Launch of the website: www.fetalmricommunity.org • Launch of the newsletter • Honorary Membership-National / International. • Secretarial report. 	
10.30-11.00	Tea / Coffee & Snacks	
Session 3 11.00-14.00	Case-based Reviews-Brain	
Session 3A	<u>Short Lecture:</u> Ultrasound evaluation of Corpus Callosum and midline complex (20min.)	Dr Rachita Ramamurthy
	MRI of the Corpus Callosum-Agenesis / Dysgenesis & Prognostic scores (30min.) <ul style="list-style-type: none"> • Normal landmarks and timelines. • Case reviews on DICOM. • Imaging checklist, Pearls / Pitfalls and Reporting formats. 	Dr Nitin P Ghonge Dr Nidhi Goyal
Session 3B	<u>Short Lecture:</u> Ultrasound evaluation of Posterior fossa (20min.)	Dr Rachita Ramamurthy
	MRI of the Posterior Fossa-Cerebellum, Vermis & Brain stem (45min.) <ul style="list-style-type: none"> • Normal landmarks and timelines. • Case reviews on DICOM. • Imaging checklist, Pearls / Pitfalls and Reporting formats. 	Dr Rajeswaran Dr Nitin P Ghonge

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Date	Topic	Speaker
Session 3C	Short Lecture: Ultrasound evaluation of Cerebrum(20min.)	Dr Rachita Ramamurthy
	MRI of the cerebrum-Germinolysis, bleed, Sulcation / Gyration defects & others (45min.) <ul style="list-style-type: none"> • Normal landmarks and timelines. • Case reviews on DICOM. • Imaging checklist, Pearls / Pitfalls and Reporting formats. 	Dr Nitin P Ghonge Dr Nidhi Goyal
14.00-15.00	Lunch Break	
Session 4 15.00-16.30	Case-based Reviews-Face, Neck & Spine.	
Session 4A	Short Lecture: Ultrasound evaluation of Fetal Face, Neck & Spine (30min.)	Dr Rachita Ramamurthy
	MRI of the Fetal Face & Neck-Defects & mass lesions (30min.) <ul style="list-style-type: none"> • Normal landmarks and timelines. • Case reviews on DICOM. • Imaging checklist, Pearls / Pitfalls and Reporting formats. 	Dr Sumathi Natarajan Dr Nidhi Goyal
Session 4B	MRI of the Spine-Vertebral / Spinal defects & Cord evaluation (30min.) <ul style="list-style-type: none"> • Normal landmarks and timelines. • Case reviews on DICOM. • Imaging checklist, Pearls / Pitfalls and Reporting formats. 	Dr Sumathi Natarajan Dr Nitin P Ghonge
Session 5 16.30-17.30	Fetal Brain MR Imaging Online Session. <ul style="list-style-type: none"> • Fetal brain lesions-Ultrasound & MRI. • Clinical updates and Advancements in Fetal MRI. • Questions / Answers. 	Dr Gregor Kasprian
Session 6 17.30-18.00	Fetal MRI QUIZ 1 <ul style="list-style-type: none"> • Practice Session and Faculty discussion. • Learning Points. 	Dr Rajeswaran Dr Nidhi Goyal
18.00-18.30	Tea / Coffee & Snacks	
18.00-18.30	Executive Committee Meeting	
19.30 owd	Dinner	

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Date	Topic	Speaker
Day2	Sunday, 20 April, 2025	
Session 7 08.30-09.00	Fetal MRI-Teaching Points <ul style="list-style-type: none"> • <i>Pearls & Pitfalls in Fetal MR Imaging.</i> • <i>Update on recommendations and guidelines.</i> • <i>Key Learning Points.</i> 	Dr Nitin P Ghonge
Session 8 09.00-12.30	Case-based Reviews-Chest & Abdomen	
<i>Session 8A</i>	<u>Short Lecture:</u> Ultrasound evaluation of Fetal Chest lesions (20min.)	Dr Alok Varshney
	MRI of Fetal Chest: Lung / Mediastinal lesions, key differentials & Volumetry (45min.) <ul style="list-style-type: none"> • <i>Lungs, Mediastinum and great vessels-Normal Anatomy.</i> • <i>Case reviews on DICOM.</i> • <i>Pearls / Pitfalls, Reporting formats and checklist.</i> 	Dr Smita Manchanda Dr Nitin P Ghonge
10.05-10.20	Tea / Coffee & Snacks	
<i>Session 8B</i>	<u>Short Lecture:</u> Ultrasound evaluation of Fetal Gastro-intestinal abnormalities (20min.)	Dr Alok Varshney
	MRI of Fetal Abdomen 1: Gastro-intestinal abnormalities & focal mass lesions (45min.) <ul style="list-style-type: none"> • <i>Alimentary tract & hepatobiliary system-Normal Anatomy.</i> • <i>Case reviews on DICOM.</i> • <i>Pearls / Pitfalls, Reporting formats and checklist.</i> 	Dr Priscilla Joshi Dr Nidhi Goyal
<i>Session 8C</i>	<u>Short Lecture:</u> Ultrasound evaluation of Fetal Genito-urinary abnormalities (20min.)	Dr Alok Varshney
	MRI of Fetal Abdomen 2: Genito-urinary lesions & Renal functional evaluation (45min.) <ul style="list-style-type: none"> • <i>KUB region & pelvic organs-Normal Anatomy.</i> • <i>Case reviews on DICOM.</i> • <i>Pearls / Pitfalls, Reporting formats and checklist.</i> 	Dr Smita Manchanda Dr Nitin P Ghonge

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Date	Topic	Speaker
Session 9 12.30-13.30	Fetal MRI-Clinical Case Examples <ul style="list-style-type: none">Case Illustrations: Worked-up cases of Fetal MRI with US correlation.Learning points in clinical case work-ups.	Dr Aparna Prakash Dr Abhijit Taori Dr Dhivakar
13.30-14.30	Lunch Break	
Session 10 14.30-15.30	Imaging evaluation of Placenta	
	<i>Short Lecture:</i> Combined US and MRI evaluation of Placenta Accreta Spectrum (30min.)	Dr Veenu Singla
	Case-based Reviews (30min.) <ul style="list-style-type: none">Placental Anatomy-Normal VS Abnormal.Case reviews on DICOM.Pearls / Pitfalls, Reporting formats and checklist.	Dr Nitin P Ghonge Dr Nidhi Goyal
Session 11 15.30-17.00	Fetal MRI-Multi-Disciplinary Meeting	
	<ul style="list-style-type: none">Clinical case examples: worked-up cases.Correlation with Lab investigations / Genetic Markers.Clinical decision-making & impactCommunication with the referring Clinician.Patient Counseling	Dr Nitin P Ghonge Dr Nidhi Goyal Dr Anita Kaul Dr Akshata Prabhu Dr Divya Agarwal Dr Prashant Johri Dr Saurabh Chopra
Session 12 17.00-17.30	Fetal MRI QUIZ 2 <ul style="list-style-type: none">Practice Session and Faculty discussion.Learning Points.	Dr Nidhi Goyal
17.30-18.00	Closing Session: Open Discussions / Take-home Points <ul style="list-style-type: none">Questions / Answers: Individual interactions.Expert's opinion-Participant's Cases.Certificate of Attendance to all the participants.Group photographs.	
18.00 onwards	Tea / Coffee & Snacks	

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FACULTY



Dr Priscilla Joshi
Bharati Vidyapeeth Medical College
Pune



Prof. Dr Gregor Kasprian
Medical University of Vienna,
Vienna, Austria



Dr R Rajeswaran
Sri Ramachandra Medical College
Chennai



Prof. Dr Venu Singla
Radiodiagnosis & Imaging
PGIMER, Chandigarh



Dr Alok Varshney
Central Diagnostics,
Dwarka, New Delhi



Dr Smita Manchanda
Department of Radio-diagnosis,
AIIMS New Delhi



Dr Rachita Ramamurthy
Srinivasa Ultrasound Scanning
Center, Bengaluru, Karnataka



Dr Aparna Prakash
Anugrah Health & Diagnostics
and Surya Hospitals, Jaipur



Dr Dhivakar
Kovai Medical Center and Hospital
Coimbatore



Dr Abhijit Taori
Suyash Hospital and PGI
Aurobindo University Indore



Dr Akshata Prabhu
Fetal Medicine Specialist,
Indraprastha Apollo Hospital, Delhi



Dr Divya Agarwal
Medical Genetecist,
Indraprastha Apollo Hospital, Delhi



Dr Anita Kaul
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Indraprastha Apollo Hospital, Delhi



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Dr Prashant Johri
Pediatric Neurologist,
AIIMS New Delhi



Dr Sumathi Natarajan
Kovai Medical Center and Hospital
Coimbatore



Dr Nitin P Ghonge
Indraprastha Apollo Hospital
New Delhi



Dr Nidhi Goyal
Indraprastha Apollo Hospital
New Delhi

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REGISTRATION DETAIL

Registration Type	Rates
Early Bird <u>Till</u> Saturday, 15 March, 2025	₹20,000/-
<u>From</u> Sunday, 16 March, 2025	₹25,000/-
Single Day	₹15,000/-
20% Discount for the FMRC Members	

Click here to Register

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In case of any assistance or query, feel free to reach out to-

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Facebook: <https://facebook.com/fetal.mri.community.fmrc>

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Glimpses from the previous courses

