

First

## FETAL BRAIN WORLD CONGRESS

AHMEDABAD-INDIA

#### **Foundation Meeting of Fetal Brain Society (FBS)**

Under the aegis of Fetal Brain Academy Private Limited and PARCON

18-19-20-21 January 2024



Organized by

Fetal Brain Society (Fetal Brain Academy Pvt. Ltd.) and PARCON

Regd office for correspondence:

Dr. Prashant Acharva

## Fetal Brain Academy Private Limited & Paras-Advanced Center *for* Fetal Medicine

2 B, Virvijay Society, Opp. Sanghvi High School, Vijaynagar Road, Naranpura, Ahmedabad 380013, Gujarat, India. M.: +91 98240 69250 Email: fetalbrainsociety@gmail.com



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## Participate in the Foundation Meeting and join us as a founder member of Fetal Brain Society (Fetal Brain Academy Pvt. Ltd. - a charity)

#### Dear colleague:

The study of the fetal brain and the implications of the diagnosis of related pathologies has reach a point where most of us realize not only the importance of the multidisciplinary approach in diagnosis, counselling and treatment, but the need to provide educational opportunities and resources to improve the quality of the information we provide to our patients.

Until now this task has been undertaken by individuals and its visibility in National and International meetings represented a small portion of the time dedicated to presentations and in many occasions relegated to the last day or to secondary rooms. With a group of friends, we are about to create a Society fully dedicated to the study of the fetal brain starting with the organization of a Congress exclusively dedicated to this subject, that will be held in Ahmedabad, India next January, 18-21. During the Congress we plan to have the foundation meeting of the Society.

The Society will be open to participants in all related fields including obstetrics; fetal medicine; perinatology; neonatology; genetics; pediatric radiology, neurology and neurosurgery; neurodevelopmental medicine and pathology.

We will be very happy if you accept our invitation not only to participate and present your research but to be one of the Founder members of the Society. We are working on the program that will be centered in the interactions between the different specialties with a parallel program dedicated to more basic issues of brain imaging and diagnosis.

We hope you will meet you in Ahmedabad, India.

Due to the current war situation in israel, it's possible that we may hate to have some faculties talk by zoom meeting.

With our best personal regards,

#### The organizers

Gustavo Malinger, Daniela Prayer, Dario Paladini, Karina Haratz, Prashant Acharya, Ritsuko K. Pooh, Roee Birnbaum





### COURSE DIRECTORS



Gustavo Malinger



Daniela Prayer



Dario Paladini



Karina Haratz



Prashant Acharya



Ritsuko K. Pooh



Roee Birnbaum

## INTERNATIONAL FACULTIES



Micheal Brusilov



Laurent Guibaud



Moran Haussman



Mauricio Herrera



**Christian Mitter** 



Jose L Peiro



Vincent des Portes



Andrea Righini



Romina Romaniello



Yuval Yaron



Shigehito Yamada



Rabih Chaoui



MariaSavino Severino



William Dobyns



Simon Meagher





Dr J P Shah

Dr Mayank Chaudhry

Dr Ashish Mehta

Dr Devang Patel

Dr Viral Pandya

Dr Ripal Ghaveriya

Dr Rita Hingrajiya

Dr Darshan Wadekar

Dr Foram Acharya

Dr Hriday Acharya

Dr Parul Shah

Dr Drushi Patel

Dr Kalpesh Patel

Dr Dharmesh Patel

Dr Rakesh Patel

Dr Swati Thakkar

Dr Priyangi Purohit

Dr Vijay Patil

Dr Jayesh Patel

Dr Sachin Nichite

Dr Shetal Desai

Dr Jimit Patrawala

Dr Yogesh Tandel

Dr Sonia Meel

Dr Jyotshna Panigrahy

## SCIENTIFIC PROGRAM

18<sup>™</sup> JANUARY 2024, THURSDAY

DAY-1

TIME	TOPIC	SPEAKER
8.00 to 8.15	Prayer	
8.15 to 9.15		
30 min	Fetal brain anatomy on Autopsy specimens - Normal & Abnormal	Prashant Acharya & Vivek Krishnan
30 min	Normal and abnormal brain anatomy of human embryos and fetus.	Shigehito Yamada
9.15 to 11.15	Session 1 – Screening scan vs neurosonography	
30 min	2 <sup>nd</sup> and 3 <sup>rd</sup> trimester neurosonography – guidelines and technique	Ritsuko Pooh
30 min	Early screening and Neurosonography – guidelines and technique	Roee Birnbum
30 min	2 <sup>nd</sup> trimester screening. Where we can reach?	Karina Haratz
30 min	Indications for fetal CNS MRI	Daniela Prayer
11.15 to 11.45	Coffee Break	
11.45 to 13.45	Session 2 – CSP, corpus callosum, posterior fossa	
30 min	Normal and abnormal CSP. Differential diagnosis	Dario Paladini
30 min	Complete and partial agenesis of corpus callosum	Roee Birnbum
30 min	Cystic abnormalities of the posterior fossa. DWM, BPC, VH, MCM, AC	Dario Paladini
30 min	Non-cystic abnormalities of the cerebellum.	Karina Haratz
13.45 to 14.30	Lunch break & visit to stalls	
14.30 to 16.50	Session 3 – HPE, ventriculomegaly and hydrocephalus	
25 min	HPE. From obvious forms to challenging ones.	Ritsuko Pooh
25 min	Ventriculomegaly. Definition, etiology, natural history.	Laurent Guibaud
20 min	Aqueductal stenosis	Chander Lulla
20 min	Obstructive hydrocephalus / Hydrocephalus other than Aq stenosis	Nitin Chaubal
25 min	Role of MRI in Ventriculomegaly	Andrea Righini
25 min	Variants of ventriculomegaly making trouble	Micheal Brusilov
16.50 to 17.10	Coffee Break	
17.10 to 19.10	Session 4 – Mixed bag	
30 min	Brain signs in extra cerebral syndromes	Rabih Chaoui
30 min	The syndromic brain	Gustavo Malinger
20 min	Role of 3D 4D in fetal brain assessment	Prashant Acharya
20 min	Brain Calcification	S Suresh
20 min	New tools in Fetal CNS evaluation	Ashok Khurana
	Question and Answer - All faculties	

## SCIENTIFIC PROGRAM

19<sup>™</sup> JANUARY 2024, FRIDAY

DAY-2

TIME	TOPIC	SPEAKER	
08.00 to 08.30	Session 1 – Opening Lecture		
30 mins	New developments in the study of the brain	Shigehito Yamada	
08.30 to 10.45	Session 2 – Neural Tube Defects		
30 min	Early diagnosis of NTD	Karina Haratz	
30 min	Antenatal repair of ONTD- selection, procedure and outcome	Mauricio Harrare	
30 min	Inutero spina bifida repair- My views	Jose Peiro	
20 min	Closed Spinal dysraphism -	B S Ramamurthy	
25 min	Spinal defects & prognostication - spine surgeon's view	Hriday Acharya	
10.45 to 11.00	Inauguration and introduction of FBS	Prashant Acharya & Gustavo Malinger	
11.00-11.20	Tea Break & posters		
11.20-13.40	Session 3 – Midline defects		
25 min	Septal defects and the SOD dilemma	Prashant Acharya	
30 min	Short or Thick ( Dysgenetic) corpus callosum	Laurent Guibaud	
25 min	Apparently isolated agenesis of the corpus callosum	Christian Mitter	
30 min	Living with agenesis of the corpus callosum	Romina Romaniello	
30 min	When and why I prefer MRI over USG	Andrea Righini	
13.40-14.30	Lunch		
14.30-16.35	Session 4 – Malformations of Cortical Development		
25 min	Screening of MCD – indirect signs	Ritsuko Pooh	
25 min	Diagnostic features of fetal MCD – US	Gustavo Malinger	
25 min	Diagnostic features of fetal MCD – MRI	Daniela Prayer	
25 min	Genetics for the diagnosis and prognostication of MCD	Yuval Yaron	
25 min	MCD in children	ТВА	
16.35-17.00	Tea Break & Posters		
17.00 to -19.00	Session 5 – Midbrain-hindbrain anomalies		
25 min	Early diagnosis of MBHB anomalies	Roee Birnbaum	
25 min	Infratentorial anomalies late in pregnancy	Karina Krajden	
20 min	The genetics of cerebellar and brainstem anomalies	William Dobyns	
20 min	Living with cerebellar and brainstem anomalies	William Dobyns	
20 min	Rare anomalies of posterior cranial fossa B S Ramamurthy		
10 min	Our advice to you allfor fetal brain	William Dobyns & Gustavo Malinger	
20.00 onwards	GALA DINNER and Musical party		
	GE launching of Expert 22 series		

## SCIENTIFIC PROGRAM

### 20<sup>TH</sup> JANUARY 2024, SATURDAY



TIME	TOPIC	SPEAKER
08.00-08.30	Session 6 – Best abstracts awards & communications	
	Selection of six best abstracts/posters	
	5 min each and 2 min discussion	
	Chair: Laurent Guibaud, K Manikandan, Shigihito Yamada, Foram Acharya	
8.30 to 9.00	Early fetal brain malformation	Simon Meagher
09.00-11.00	Session 7 – Cerebrovascular insults	
30 min	Neurosonography of fetal stroke	Dario Paladini
30 min	Fetal stroke / IVH : Pedatric neurologist's opinion- Diagnosis	Moran Haussman
30 min	MRI: how and when?	Daniela Prayer
30 min	Prognosis and management of children after fetal stroke/IVH	Moran Haussman
11.00 to 11.30	coffee break	
11.30-12.30	Session 8 – Cysts & Tumors	
20 min	Topographic anatomy and differential diagnosis of brain cystic lesions	B S Ramamurthy
20 min	Trying to predict histology: imaging challenges in CNS tumors	Gustavo Malinger
20 min	periventricular area lesions / Germinal matrix problems	Roee Birnbum
12.30-13.00	Session 9 – Oral communication 1	
	Chair: Ritsuko Pooh, Andrea Righini, Vivek Kashyap, Rachita Ramamurthy	
5 min each	6 presentations of abstracts received	
13.00 to 13.50	Session 10 – Intrauterine infections affecting the CNS	
30 min	Imaging and diagnosis	Dario Paladini
20 min	Prevention and treatment	Anita Kaul
13.50-14.30	Lunch	
14.30- 1500	Session 12 – Oral communication 2	
	Chair: Romina Romaniello, Vivek Krishnan, Rachna Gupta, Akshata Sharma	
5 min each	6 presentations of abstracts received	
15.00-15.45	Session 11 – Fetal Neurology Clinic Setup	
45 min	Multidisciplinary round table	
	Moderator: Prashant Acharya & Gustavo Malinger	Karina Haratz, Daniela Prayer Ritsuko Pooh, Nitin Chaubal Adinaryan Makam, Lokesh Lingappa
15.45-16.30	Session 13 – Consultation simulation	
45 min	Ventriculomegaly, ACC and posterior fossa cyst	
	With the participation of the "patient" and the "expert"	
	Moderator: B S Ramamurthy & Chander Lulla	Dario Paladini, Lokesh Lingappa Daniela Prayer, Ritsuko Pooh Vivek Krishnan, Andrea Righini Vivek Kashyap
16.30 to 17.00	coffee break	
17.00- 19.00	Session 14 –Mixed bag	
20 min	Fetal/ neonatal brain in metabolic disorders	Mariasavina Severino
20 min	Why neurosonogram is must in monochorionic pregnancy?	K. Manikandan
20 min	3rd trimester neurosonogram- it's never too late	Micheal Brusilov
20 min	your 'POSTURE' while doing ultrasonography- Orthopedic surgeon's view	Hriday Acharya
20 mins	Postnatal CNS malformation and its outcome in India- Is practice is same or different?	Lokesh Lingappa
20 min	Thumb rules in fetal neurosonogram	Prashant Acharya

### Fundamentals of Fetal Neurosonography

#### Course directors:

Gustavo Malinger, Ritsuko Pooh, Laurent Guibaud, Andrea Righini, Prashant Acharya, B S Ramamurthy, Chander Lulla, Nitin Chaubal

Time	Faculty
09:00 AM to 09:30 AM	Gustavo Malinger
09:30 AM to 10:00 AM	Andrea Righini
10:00 AM to 10:30 AM	Ritsuko Pooh
10:30 AM to 11:00 AM	Laurent Guibaud
11:00 AM to 11:30 AM	Break
11:30 AM to 12:00 PM	B S Ramamurthy
12:00 PM to 12:30 PM	Nitin Chaubal
12:30 PM to 01:00 PM	Chander Lulla
01:00 PM to 01:30 PM	Prashant Acharya
01:30 PM to 02:00 PM	LUNCH
02:00 PM onwards	Volumes - how to post process! by Ritsuko Pooh & Prashnat Acharya

#### Topics to be covered:

First trimester USG, 14 - 18 Week USG, Mid brain and posterior fossa evaluation 3rd trimester brain, 3D in fetal brain evaluation, Early brain till 10 weeks, Spine evaluation in 2nd trimester, FTS spine evalution

#### **Complimentary for Registered Delegates**

#### Workshop coordinators:

J. P. Shah, Parul Shah, Mayank Chaudhry, Devang Patel, Foram Acharya

#### **Fetal MRI**

#### **Course Directors:**

Daniela Prayer, Mitter Christian, Romina Romaniello, Hemant Patel

TIME	TOPIC	SPEAKER
09:00 AM to 10:00 AM	Cases on MRI consol	Daniela Prayer Christian Mitter
10:15 AM to 11:15 AM	Cases on MRI consol	Daniela Prayer Christian Mitter
11:15 AM to 11:45 AM	Coffee Break	
11:45 AM to 12:45 PM	Cases on MRI consol	Daniela Prayer Christian Mitter
12:45 PM to 01:45 PM	Cases on MRI consol	Daniela Prayer Christian Mitter
01:45 PM to 02:30 PM	Lunch	
02:30 PM to 03:15 PM	Italian way of Fetal MRI	Romina Romaniello
03:15 PM to 04:00 PM	Interesting Cases: Normal - Abnormal	Drushi Patel

#### 20,000 INR for each delegate

For Fetal MRI workshop only 15 delegates will be registered, and workshop will be conducted on console of MRI station.

Daniela Prayer, Christian Mitter and Romina Romaniello will be showing all normal and abnormal cases. We are aiming to make the interpretation of T1 and T2 images and, we want you to learn diffuse tensor imaging in fetus to prognosticate the white matter tract and outcome after defect.

#### Workshop coordinators:

Dr Drushi Patel, Dr Shetal Desai, Dr Ripal Gaveriya

### **OPUS Workshop**

Fundamentals of fetal neurosonography: normal development and common anomalies (hands-on)

#### **Course Director:**

Gustavo Malinger, Mauricio Harrare, Anita Kaul, Akshata Prabhu, Rachna Gupta

Time	Торіс
07:30 AM to 09:00 AM	The normal brain at different gestational ages
09:00 AM to 10:00 AM	Callosal anomalies and variants
10:00 AM to 10:30 AM	Break
10:30 AM to 12:00 PM	Malformations of Cortical Development
12:00 PM to 01:00 PM	Abnormalities of Posterior Fossa
01:00 PM to 02:00 PM	Fetal Infections involving the Brain
02:00 PM to 02:30 PM	Break
02:30 PM to 03:30 PM	Checking your proficiency on fetal brain neurosonography

#### 15,000 INR for each delegate

Fetal brain malformations like ACC, DWM, VH, Neuronal migration disorders etc Session will be on laptop based simulator.

#### Workshop coordinators:

Viral Pandya, Hriday Acharya, Darshan Wadekar Jimit Patrawala, Yogesh Tandel

# **4D view workshop** *by* **GE Fundamentals of fetal neurosonography: normal development and common anomalies (hands-on)**

#### **Course Director:**

Prashant Acharya, B S Ramamurthy, Chander Lulla, Vivek Kashyap

#### **GE Technical Team:**

Naresh Kaul, Zeenat Chauhan, Arun, Pooja

TIME	TOPIC	SPEAKER
08:30 AM to 09:00 AM	Software Installation	
09:00 AM to 09.15 AM	Welcome Address	Christian Grabner
09:15 AM to 10:00 AM	Basics of 3D Acquisition, volume navigation & display	Zeenat Chauhan
10:00 AM to 11:30 AM	Second and third trimester brain evaluation	B S Ramamurthy
11:30 AM to 12.00 PM	Tea Break	
12:00 PM to 12:45 PM	First trimester brain evaluation	Chander Iulla
12:45 PM to 01:15 PM	Spine evaluation	Vivek Kashyap
01:15 PM to 02:00 PM	Decoding of brain volumes - Posterior fossa, Optic chiasma etc	Prashant Acharya
02:00 PM to 02:30 PM	Lunch	
02:30 PM to 04:00 PM	You will have option to work on GE Voluson USG Machine on the same volume Images which you have practiced during the 4D view Workshop Session under the guidance of Prashant Acharya, B S Ramamurthy, Chander Lulla, Vivek Kashyap	

Session will be on laptop based simulator.
Please bring your own window based laptop for the same.

#### **Complimentary for Registered Delegates**

#### **Workshop coordinators:**

Rita Hingrajiya, Jayesh Patel, Dharmesh Patel Kalpesh Patel, Sonia Meel, Jyotshna Panigrahi

## Workshop on Neonatal and Paediatric Neurology

#### **Course Director:**

Vincent Del Portes, Lokesh Lingappa, Ashish Mehta, Dhiren Thakkar

TIME	TOPIC	FACULTY
08:30 AM to 08:40 AM	Welcome Address	Dr. Ashish Mehta
08:40 AM to 09:00 AM	Sonoembryology Brain	Dr. Dinesh P. Singh
09:00 AM to 09:20 AM	Development of fetal brain	Dr. Vivek Kashyap
09:20 AM to 09:50 AM	Antenatal USG and concerns Common scenarios ( Ventriculomegaly- symmetrical / asymmetrical / hind brain malformations, corpus callosal abn)	Dr. Adinarayan Makam
09:50 AM to 10:30 AM	Fetal MRI brain and clarifications and correlations (to include spine as well)	Dr. Madhavi Nori
10:30 AM to 12:00 PM	Antenatal consult- What next once U get abnormal scan Cystic lesions of brain, Ventriculomegaly, Partial or complete agenesis of corpus callosum, Mega cisterna megna, Blake pouch cyst, Verrmin hypoplasia, Microcephaly, Fetal TORCH infection	Dr. Ashish Mehta, Dr. Lokesh Lingappa
12:00 PM to 12:30 PM	Misses and Hits Case studies	Dr. Ashish Mehta, Dr. Lokesh Lingappa
12:30 PM to 01:00 PM	what do we know about AUTISM!	Dr Lokesh Lingappa, Dr. Ashish Mehta
01:00 PM to 01:45 PM	Bring your own cases to delegates (please bring all reports in a pen drive)	Dr. Lokesh Lingappa, Dr Ashish Mehta

#### **Complimentary for Registered Delegates**

#### Workshop coordinators:

Ashish Mehta, Manish Shah, Swati Thakkar Dhiren Thakkar, Priyangi Purohit

## Genetics of the normal and abnormal fetal brain development

#### **Course Director:**

Yuval Yaron, Salil Vaniawala, Parag Tamhankar

TIME	TOPIC	SPEAKER
09:30 AM to 10:00 AM	ABC of Genetics	Dr. Parag Tamhankar
10:00 AM to 10:30 AM	Overview of Genetic testing	Dr. Rajesh Bhammar
10:30 AM to 11:00 AM	Genetics of microcephaly	Dr. Vasundhara Tamhankar
11:00 AM to 11:30 AM	Genetics of neuronal migrational disorders	Dr. Parag Tamhankar
11:30 AM to 12:00 PM	Genetics of hydrocephalus	Dr. Vasundhara Tamhankar
12:00 PM to 12:30 PM	Genetics of posterior fossa malformations	Dr. Parag Tamhankar
12:30 PM to 01:00 PM	Genetics of autism	Dr. Parag Tamhankar
01:00 PM to 01:30 PM	LUNCH	
01:30 PM to 02:00 PM	Genetics of fetal brain diseases: Israel experience	Dr. Yuval Varon
02:00 PM to 02:30 PM	Fetal brain disorders: interesting cases	Dr. Prashant Acharya
02:30 PM to 03:30 PM	Interpretation of microarray and exome: hands on solving cases	Dr. Parag Tamhankar, Dr. Rajesh Bhammar, Dr. Tushar Kacchadiya

#### **Complimentary for Registered Delegates**

#### Workshop coordinators:

Salil Vaniawala, Parag Tamhankar Vijay Patil, Rakesh Patel



Under the aegis of Fetal Brain Academy Private Limited

#### Registration Fees:

Inclusinve of GST

Upto 31st Dec 2023	₹ 25000/-
1st Jan 2024 onwards	₹ 30000/-
Fetal MRI Workshop (Only 15 Delegates)	₹ 20000/-
Workshop Opus (Only 16 Delegates)	₹ 15000/-

Details for online payment or cash deposit in bank:

Name: Prashant Vinodbhai Acharva

Bank: HDFC BANK

A/.C No: 50200085681984 Branch: Naranpura Branch

IFSC: HDFC0000383

Venue:

A Luxury Collection Hotel

#### **ITC Narmada Ahmedabad**

Judges Bunglow Rd, IIM, Vastrapur, Ahmedabad, Gujarat 380015

Details for accomodation at venue will be updated soon.

#### **Hotel Accommodation:**

We have negotiated prices with hotel for 20 room.

Rates are ₹ 11500 excluding taxes. (single or double with breakfast)

On twin sharing basis ₹ 5750 (Ex. taxes)

Contact us for booking on email or call Pinky Shah M.: +91 9722836780

For further details please visit:

www.fetalbrainsociety.com

#### **Explore Gujarat**

Statue of Unity | Gir National Park | Somnath Temple Dwarka | Rani ni Vaav | Akshardham Adalaj Step Well | Rannotsav



Cancellation and refund Policy 25% retention charges, if cancelled before 10th December 2023, 50% retention 25% retention charges, it cancelled before four becember 2023, 50% retention charges, if cancelled between 10th December to 31st December 2023, 100% retention charges, if cancelled on or after 1st January 2024. The refund against the cancellation of your sooking for conference kindly email your request on fetablariansociety@gmail.com Note: Organiser reserves all rights to make any changes without prior notice.

EVENT MANAGED BY



## FIRST BRAIN WORLD CONGRESS



AHMEDABAD, INDIA

#### Foundation Meeting of Fetal Brain Society

Under the aegis of Fetal Brain Academy Pvt Ltd. and PARCON 18-19-20-21 January 2024

#### **DETAILS FOR OFFLINE REGISTRATION**

Title Dr.  Prof	Mr	Mrs. 🗌			
Surname		Name			
Hospital					
Address					
City	State			Pin	
Mobile					
E-mail					
Payment Mode : Chec					
Cheque/DD No			Dated		
Drawn on					
Kindly select one work	shon to attend:				
☐ Workshop MRI		JSG	☐ Workshop 4D	view by GE	
☐ Workshop OPUS	□ Workshop G	Renetics	□ Workshop Pc	stnatal	

Send Registration form to: **Dr. Prashant Acharya**, 2B, Virvijay Society, Opp. Sanghvi High School, Vijaynagar Road, Naranpura, Ahmedabad 13, Gujarat, India. Mobile: +91 98240 69250

## Send Filled form and photo of payment details via "email" on **fetalbrainsociety@gmail.com**

For more information, topics detail and registration, please visit www.fetalbrainsociety.com or mail at fetalbrainsociety@gmail.com or call on 9824069250.

Abstract and Paper Submission is open. To submit your paper, click following link

For any query contact
Pinky Shah - M.: +91 9722836780

https://forms.gle/cLgMoVP8xq7L2WjZ8
OR visit www.fetalbrainsociety.com

# FIRST FETAL BRAIN WORLD CONGRESS AHMEDABAD, INDIA



#### Foundation Meeting of Fetal Brain Society

Under the aegis of Fetal Brain Academy Pvt Ltd. and PARCON

18-19-20-21 January 2024

#### FOR ONLINE REGISTRATION



Scan QR Code or Click here for registration

Send Filled form and photo of payment details via "email" on **fetalbrainsociety@gmail.com** 

For more information, topics detail and registration, please visit www.fetalbrainsociety.com or mail at fetalbrainsociety@gmail.com or call on 9824069250.

For any query contact
Pinky Shah - M.: +91 9722836780



# GENERATIONS AHEAD OF OTHER ULTRASOUNDS

WITNESS THE LAUNCH OF

ULTRA PREMIUM ULTRASOUND SYSTEM

FETAL BRAIN
WORLD CONGRESS

18-21 ITC NARMADA Ahmedabad, Gujarat









