

# <sup>ST</sup> POSI MID-YEAR MEETING

# 2022

HOSTED BY: CORE FOUNDATION

**Paediatric Orthopaedic Society of India**



POSI



CHILDRENS ORTHOPEDIC RESEARCH & EDUCATION

**PROGRAMME**

**Theme:**

**Evidence-based management of  
DDH & CP Hip**

**JULY 16TH-17TH, 9 AM - 5 PM**

**• HOTEL COURTYARD BY MARRIOTT, MUMBAI**

CTS 215, Andheri-Kurla Rd, Andheri East, Mumbai 400059

[www.posi.in](http://www.posi.in)

# MESSAGE

## POSI PRESIDENT

Dr. Dhiren Ganjwala



I welcome you all to the Inaugural POSI Mid-Year meeting in Mumbai. POSI decided to introduce this meeting for an in-depth discussion on a few common pediatric orthopaedic conditions. We intend to discuss practical challenges seen during the management of these conditions.

The topics of discussion for this year's meeting are Hip problems in Cerebral Palsy and Developmental Dysplasia of the Hip. Both these conditions need multi-speciality management. POSI along with many national-level associations has developed Indian screening guidelines for these two conditions. We plan to discuss how these guidelines can be implemented efficiently.

I hope that the discussion which we will have during the meeting will help us for early identification of these conditions. This in turn will help us to avoid surgery altogether or problems can be tackled with a smaller magnitude of surgeries. Both these aims will reduce the requirement of surgeries or major surgeries. This will benefit children, families and society to a large extent.

I request all the members of POSI to actively participate in the Mid-Year meeting and take advantage of its scientific proceedings

## CHAIRMAN CORE FOUNDATION

Dr. Ashok Johari



India is a vast country, the health care of which is a challenge. As the initial euphoria of technical surgery ebbs, a surgeon realizes that there are so many patients who present late with complex orthopaedic problems which could have been prevented. With further maturity, the futility of preventable surgery and the truth and power of the adage 'Prevention is better than cure' comes home!

Hip problems in children can be potentially neglected by professionals because of the special aptitude and training required. When taken against the backdrop of a huge population of children in India, totalling 500 million, the problem is mammoth. For the welfare of our patients and society at large, we professionals need to understand preventable hip disorders, not only for their associated morbidity, but also for better, judicious management. The surgeon has to step outside his familiar environs and become a social scientist to keep the knife away. Other professionals are equally, morally bound to detect such problems early and give patients under their care a better quality of life.

Collaborative efforts between organizations gave birth to Indian Surveillance Programs for CP hips as well for DDH. At this meeting we hope to go deep into these areas, familiarize the participants with the Indian programs and give great thought to implementation of the surveillance guidelines. The eminent international faculty will give us the benefit of their experience and expertise. I take great pleasure to invite you to this meeting and am hoping that it will prove a game changer for our children.

# INTERNATIONAL FACULTY

POSI MID-YEAR MEETING 2022



**Kishore Mulpuri**  
President, COA  
BC Children's Hospital  
Vancouver, Canada



**Federico Canavese**  
Jeanne de Flandre Hospital  
Secretary, EPOS  
Lille, France



**Kerr Graham**  
Royal Children's Hospital,  
Melbourne, Australia



**Alex Aarvold**  
Associate Professor  
University of Southampton  
United Kingdom



**Gunnar Hagglund**  
Skåne University Hospital  
Lund, Sweden



**Deborah Eastwood**  
President-elect, BOA  
Great Ormond Street Children's Hospital  
Royal National Orthopedic Hospital  
London, United Kingdom



**Mohan Belthur**  
Phoenix Children's Hospital  
USA



**Abhay Khot**  
Royal Children's Hospital  
Melbourne, Australia



**Kate Willoughby**  
Physiotherapist  
The Royal Children's Hospital  
Murdoch Children's Research Institute  
Melbourne, Australia



**Emily Schaeffer**  
Research Director  
BC Children's Hospital  
Vancouver, Canada



**Pranai Buddhdev**  
Mid & South Essex NHS Trust  
Cambridge University Hospitals  
United Kingdom



**Stacey Miller**  
Physiotherapist  
BC Children's Hospital  
Vancouver, Canada



**Keenan Joseph**  
Alyn Hospital  
Israel

# NATIONAL FACULTY

POSI MID-YEAR MEETING 2022



Abhay Gahukamble

Ajai Singh

Alaric Aroojis

Alka Karnik

Anaita Udwadia-Hegde

Anand Varma

Anil Srivastava

Asha Chitnis

Ashok Johari

Ashwin Lawande

Atul Bhaskar

Deepak Patkar

Devender Gaba

Dhiren Ganjwala

G Sudhakar

Jayanth Sampath

KD Mallikarjuna

Lalan Bharti

Leena Srivastava

Madhavi Kelapure

Mahesh Kamate

Meenakshi Murthy

Nidhi Bhatnagar

PN Gupta

Punita Solanki

Rajendra Prasad

Rajesh Gupta

Ramani Narasimhan

Rashmi Dwivedi

Rujuta Mehta

SP Das

Samir Shah

Sandeep Patwardhan

Sanjay Wadhwa

Sanjiv Jha

Surekha Rajadhyaksha

Thirunavukkarasu P

Trupti Nikharge

Tushar Agrawal

# PROGRAMME

## POSI MID-YEAR MEETING 2022

### Objectives of this Meeting:

Though DDH and hip problems in cerebral palsy are common knowledge, a lack of clarity and many research gaps exist in the different facets of early detection and management. This meeting is focused on developing evidence-based protocols for early detection and management of the above two conditions, supplemented by the work done by POSI with other organizations on screening and surveillance of these disorders, with a view to implementation of such programmes. Controversies in the evidence base and knowledge gaps will be identified for future research. Participation will be by invitation so that we gather high-level evidence by active audience participation.

### Proposed Audience:

POSI members

Representatives and members of various organizations  
involved in developing the guidelines

## Don't Miss out on the Opportunity

- **Lectures from the Masters**
- **Small Discussion Groups**
- **Interactive Collaboration**

# PROGRAMME

POSI MID-YEAR MEETING 2022

At A Glance....

## DAY 1

**DDH (9.00am – 5.00pm)**

Module 1	Epidemiology & Screening
Module 2	India DDH Care Pathway - Development & Implementation
Module 3	Natural history of DDH & Conservative treatment (Birth - 1 year of age)
Module 4	Management of DDH after walking age (> 1 year of age)
Module 5	Global Collaborations

## DAY 2

**CP HIP (9.00am – 5.00pm)**

Module 1	Epidemiology & Natural history of hip problems in Cerebral Palsy
Module 2	CP Hip Surveillance Programmes
Module 3	National CP Hip surveillance guidelines
Module 4	Management of hip displacement in CP: What is the evidence

# PROGRAM FLOW

POSI MID-YEAR MEETING 2022

## DAY 1

DDH (9.00am - 5.00pm)

9.00am - 9.29am: **Registration & Opening Remarks**

Ashok Johari, Alaric Aroojis

### Module 1

9.30am - 10.45am	<b>Epidemiology &amp; Screening</b> Chairpersons: Rashmi Dwivedi, Deepak Patkar
9.30am - 9.42am:	<b>Review of various screening programmes globally: Merits &amp; Demerits</b> <b>SPEAKER</b> : Kishore Mulpuri
9.43am - 10.03am	<b>Point / Counter-point: Universal v/s Selective ultrasound screening</b> - What is appropriate for India? Universal US screening is effective - <b>SPEAKER</b> : Keenan Joseph Selective US screening is practical - <b>SPEAKER</b> : Alka Karnik
10.04am - 10.44am	<b>Small Group Discussion - 1</b> :How not to miss a DDH - Epidemiology, risk factors, screening of DDH in India. Moderators: Kishore Mulpuri, Federico Canavese

### Module 2

10.45am - 12.45pm	<b>India DDH Care Pathway - Development &amp; Implementation</b> Chairpersons: Sandeep Patwardhan, Devender Gaba
10.45am - 10.55am	<b>Late presentations</b> - why and what do we do? Social and surgical impact <b>SPEAKER</b> : Ashok Johari
10.56am - 11.06am	<b>Research methodology used to develop India DDH care pathway -</b> <b>SPEAKER</b> : Alaric Aroojis
11.07am - 11.22am	<b>Formal release of India DDH care pathway</b> by representatives / office-bearers of participating organizations Presentation of guidelines : <b>SPEAKER</b> : Dhiren Ganjwala

# PROGRAM FLOW

## POSI MID-YEAR MEETING 2022

11.23am - 12.03pm	<b>Small Group Discussion - 2:</b> Development of various knowledge translation tools for DDH screening. Moderators: Kishore Mulpuri, Emily Schaeffer
12.04pm - 12.44pm	<b>Small Group Discussion - 3:</b> How to ensure implementation across India using the Effort / Impact matrix Moderators: Mohan Belthur, Federico Canavese
12.45pm- 1pm	<b>Pre Lunch Symposium sponsored by MedGenome</b> When and why should a Paed Ortho think of Genetics <b>SPEAKER : Dr. Shruti Bajaj</b>

### 1pm - 1.30pm: Lunch

### Module 3

1.30pm - 3pm	<b>Natural history of DDH &amp; conservative treatment (Birth - 1 year of age)</b> Chairpersons: Samir Shah, Nidhi Bhatnagar
1.30pm - 1.38pm	<b>Natural history of early age unstable / dysplastic hips &amp; update on 2014 AAOS Clinical Practice guidelines</b> <b>SPEAKER : Emily Schaeffer</b>
1.39pm - 2.09pm	<b>Panel discussion on Principles of Pavlik harness management:</b> Expert based consensus - Deborah Eastwood, Alex Aarvold, Federico Canavese, Kishore Mulpuri Moderators: Ramani Narasimhan, PN Gupta
2.10pm - 2.18pm	RNOH Stanmore brace protocol <b>SPEAKER : Pranai Buddhdev</b>
2.19pm - 2.29pm	Closed reduction, arthrogram & spica application (timing, technique, post-op protocol, long-term results) <b>SPEAKER : Deborah Eastwood</b>
2.30pm - 3pm	<b>Panel discussion on Development of POSI-recommended protocols for</b> <ul style="list-style-type: none"><li>• Pavlik harness follow-up: Atul Bhaskar, Alka Karnik</li><li>• Hip spica protocols following closed reduction: Rujuta Mehta, Ajai Singh</li><li>• Bracing protocols after successful closed reduction: SP Das, Tushar Agrawal</li></ul> Moderators: Dhiren Ganjwala, Sandeep Patwardhan



# PROGRAM FLOW

## POSI MID-YEAR MEETING 2022

### Module 4

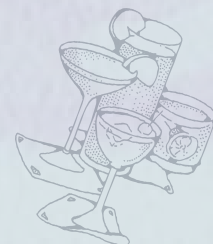
3pm - 4.30pm	<b>Management of DDH after walking age (&gt; 1 year of age)</b> Chairpersons: Ramani Narasimhan, Jayanth Sampath
3.00pm - 3.45pm	<b>Panel discussion : Decision-making in open reduction with or without femoral osteotomy:</b> Federico Canavese, Deborah Eastwood, Alex Aarvold, Kishore Mulpuri Moderators: Ashok Johari, Alaric Aroojis
3.46pm - 4.30pm	<b>Panel discussion : Protocols for management of residual acetabular dysplasia:</b> Federico Canavese, Deborah Eastwood, Alex Aarvold, Pranai Buddhdev, Kishore Mulpuri Moderators: Atul Bhaskar, Rujuta Mehta

### Module 5

4.30pm - 5.00pm	<b>Global collaborations</b> Chairpersons: Ashok Johari, Dhiren Ganjwala
4.30pm - 4.40pm	<b>Report of IHDR India &amp; global projects</b> <b>SPEAKER :</b> Emily Schaeffer
4.41pm - 4.51pm	<b>Hip Hope Network: opportunities for collaboration</b> <b>SPEAKER :</b> Kishore Mulpuri
4.52pm - 5.00pm	<b>Round up of the day &amp; Plan for next steps</b>



## Conference Dinner



# PROGRAM FLOW

POSI MID-YEAR MEETING 2022

## DAY 2

CP HIP (9.00am – 5.00pm)

9.00am – 9.29am: **Registration & Opening Remarks**

Ashok Johari, Alaric Aroojis

### Module 1

9.30am – 11.00 am	<b>Epidemiology &amp; Natural history of hip problems in Cerebral Palsy</b> Chairpersons: Mahesh Kamate, Anand Varma
9.30am – 9.42am	<b>Incidence, risk factors, natural history, pathoanatomy of hip displacement in CP</b> <b>SPEAKER : Abhay Khot</b>
9.43am – 9.55am	<b>Critical indicators for surveillance (age, GMFCS, motor type, MP)</b> <b>SPEAKER : Stacey Miller</b>
9.56am – 10.55am	<b>Mini-workshop in groups: Early detection of hip displacement in CP</b> Moderators: Stacey Miller, Mohan Belthur, Abhay Khot <ul style="list-style-type: none"><li>• Evaluation of GMFCS (2 – 6 years / 6 – 12 years)</li><li>• Clinical parameters</li><li>• Positioning for X-rays &amp; Measurement of Radiological indices</li></ul>

### Module 2

11.00am – 12.30pm	<b>CP Hip Surveillance Programmes</b> Chairpersons: KD Mallikarjuna, Sanjay Wadhwa
11.00am – 11.36am	<b>Comparison of CP hip surveillance programmes globally</b> <ul style="list-style-type: none"><li>• Australian guidelines – <b>SPEAKER : Kerr Graham</b></li><li>• AACPDMD guidelines – <b>SPEAKER : Stacey Miller</b></li><li>• Scandinavian guidelines – <b>SPEAKER : Gunnar Hagglund</b></li></ul>
11.37am – 11.57am	<b>Panel discussion on effectiveness of global surveillance programmes</b> Kerr Graham, Gunnar Hagglund, Stacey Miller Moderators: SP Das, Alaric Aroojis

# PROGRAM FLOW

## POSI MID-YEAR MEETING 2022

### Module 2

11.58am – 12.08pm	<b>Methodology used to develop National CP Hip surveillance guidelines</b> Ashok Johari
12.09pm – 12.29pm	<b>Formal release of National CP Hip surveillance guidelines</b> by representatives / office-bearers of participating organizations Presentation of guidelines – <b>SPEAKER</b> : Dhiren Ganjwala
12.30pm – 12.45pm	<b>Pre Lunch Symposium sponsored by LifeCell</b> Genetics in CP Mimics <b>SPEAKER</b> : Dr. Shruti Bajaj Chairpersons: Anaita Udwadia-Hegde, Leena Srivastava

**12.45pm – 1.30pm: Lunch**

### Module 3

1.30pm – 3pm	<b>National CP Hip surveillance guidelines</b> - <b>Knowledge translation &amp; implementation</b> Chairpersons: Surekha Rajadhyaksha, Madhavi Kelapure
1.30pm – 1.40pm	Translating guidelines to practice using the Knowledge to Action cycle <b>SPEAKER</b> : Kate Willoughby
1.41pm – 2.16pm	<b>Small Group Discussion - 1:</b> Identifying potential barriers to the implementation of Hip surveillance across India Moderators: Mohan Belthur, Kate Willoughby
2.17pm – 2.57pm	<b>Small Group Discussion - 2:</b> Development of knowledge translation tools and strategies using Effort/Impact matrix Moderators: Kate Willoughby, Mohan Belthur

# PROGRAM FLOW

POSI MID-YEAR MEETING 2022

## Module 4

3pm - 5pm	<b>Management of hip displacement in CP: what is the evidence?</b> Chairpersons: Sandeep Patwardhan, Trupti Nikharge
3.00pm - 3.12pm	<b>Role of physiotherapy &amp; bracing, seating issues &amp; role of custom orthotics</b> <b>SPEAKER</b> : Asha Chitnis
3.13pm - 3.25pm:	<b>Chemo-denervation vs Soft tissue surgery</b> <b>SPEAKER</b> : Abhay Khot
3.25pm - 3.40pm	<b>Reconstructive surgery</b> <b>SPEAKER</b> : Gunnar Hagglund
3.40pm - 3.55pm	<b>Salvage surgery</b> <b>SPEAKER</b> : Kerr Graham
3.56pm - 4.26pm	<b>Panel discussion on decision-making in CP hip displacement</b> Jayanth Sampath, Abhay Gahukamble, Sanjay Wadhwa, Sanjiv Jha, Anil Srivastava, Thirunavukkarasu P Moderators: Kerr Graham, Gunnar Hagglund
4.27pm - 4.57pm	<b>Panel discussion on establishing a POSI &amp; IACP-led treatment protocol for CP hip displacement</b> Ashok Johari, Dhiren Ganjwala, KD Mallikarjuna, SP Das (30 mins) Moderators: Jayanth Sampath, PN Gupta
5.00pm - 5.15 pm	Road ahead and valediction - <b>CORE Team</b>

# CONFERENCE PACKAGES

## Non-Residential Package ( Day 1 and 2)

Includes Registration fees for entire meeting

+

Conference Lunches on 16th & 17th July

+

Conference Dinner on 16th July

## Non-Residential Package (Day 1) \*

Includes Registration fees for 16th July

+

Conference Lunches on 16th July & Dinner on 16th July

## Non-Residential Package (Day 2) \*

Include Registration fees for 17th July

+

Conference Lunches on 17th July & Dinner on 16th July

\*For Allied professionals Only

Category	Cost
1 Day ( 16th or 17th July) *For Allied Professionals only	Rs 5000/-
2 Day	Rs 10000/-

# CONFERENCE PACKAGES

## Residential Package (1 Night)

Includes Registration fees for the entire meeting  
Conference Lunches on 16th & 17th July, Breakfast on 17th July , Dinner on 16th July

+

Stay at Hotel courtyard by Marriott on 16th night.  
**Check in 16th July (3pm) Check out 17th July (12pm)**

## Residential Package ( 2 night)

Includes Registration fees for entire meeting  
Dinner on 15th July , Conference Lunches on 16th & 17th July ,  
Breakfast on 16th & 17th July & Conference Dinner on 16th July

+

Stay at Hotel courtyard by Marriott on 15th & 16th night.  
**Check in 15th July (3pm) Check out 17th July (12 pm)**

Category	Single	Twin (per person)
1 Night	Rs 14000/-	Rs 11000/-
2 Nights	Rs 21000/-	Rs 17000/-

# HOW TO REGISTER

## Choose your favoured registration method

1. Online via EventAvenue Portal
  2. NEFT Transfer and Form Submission
- 

## Registration via EventAvenue Portal

Fill up the On-line registration form

<https://www.eventavenue.com/bookingengine/EVT9070>



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### Cancellation policy:

Cancellation after 1st July 2022 - 50% of registration fees will be refunded.  
All refunds will be processed only after the end of the conference.

## FOR INQUIRIES

CONTACT VAMA EVENTS  
9969363433  
CONFERENCES@VAMAEVENTS.COM

# HOW TO REGISTER

## Registration via NEFT and Form Submission

- **Select your package**
- **NEFT Details**

Account Name: CF- POSI Midyear 2022

Account no: 50200069075136

IFSC Code: HDFC0001114

Bank Name: HDFC Bank

Bank Address:

Shop No. 4, 5, 6, Ground Floor, Razmah Building,  
L. J. Road, Matunga (W) Branch, Mumbai- 400016.

- **Fill up the On-line registration form**

<https://forms.gle/5GGmtM9RYdt5JQYD8>

- **Send payment details:**

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# POSI MID-YEAR MEETING 2022



## POSI Executive Committee

### President

Dr. Dhiren Ganjwala

### Past - President

Dr. Ramani Narasimhan

### Vice - President

Dr. Alaric Aroojis

### Secretary

Dr. Sandeep Patwardhan

### Treasurer

Dr. Hitesh Shah

### Journal Editor

Dr. Jayanth Sampath

### EC Members

Dr. Manoj Padman Dr. Bibhudutta Sahoo

Dr. Viraj Shingade Dr.K.Venkatadass



CHILDRENS ORTHOPEDIC RESEARCH & EDUCATION

## Organizing Team:

**Organizing Chairman:** Dr. Ashok Johari

**Organizing Secretary:** Dr. Alaric Aroojis

Dr. Rujuta Mehta

Dr. Tushar Agarwal

Dr. Atul Bhaskar

Dr. Easwar T.R

Dr. Taral Nagda

Dr Avi Shah

Dr Chintan Doshi

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Indian Academy of Pediatrics



National Neonatology Forum of India



Indian Radiological and Imaging Association



Indian Association of Physical Medicine and Rehabilitation



Federation of Obstetric & Gynaecological Societies of India



Indian Orthopaedic Association



Indian Academy of Cerebral Palsy



Indian Association of Physiotherapists



Indian Federation of Ultrasound in Medicine and Biology



Association of Child Neurology



All India Occupational Therapists Association



Paediatric Orthopaedic Society of India



Bombay Orthopaedic Society



CHILDRENS ORTHOPEDIC RESEARCH & EDUCATION

Childrens Orthopedic Research & Education

## Supported By:



British Columbia Children's Hospital Vancouver, Canada



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International Hip Dysplasia Registry



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