

ST 1 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

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, 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
Alyne Hospital
Israel

NATIONAL FACULTY

POSI MID-YEAR MEETING 2022



Abhay Gahukamble

Ajai Singh

Alaric Aroojis

Alka Karnik

Anaita Udwardia-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

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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	Epidemiology & Screening Chairpersons: Rashmi Dwivedi, Deepak Patkar
9.30am - 9.42am:	Review of various screening programmes globally: Merits & Demerits SPEAKER : Kishore Mulpuri
9.43am - 10.03am	Point / Counter-point: Universal v/s Selective ultrasound screening - What is appropriate for India? Universal US screening is effective - SPEAKER : Keenan Joseph Selective US screening is practical - SPEAKER : Alka Karnik
10.04am - 10.44am	Small Group Discussion - 1 :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	India DDH Care Pathway - Development & Implementation Chairpersons: Sandeep Patwardhan, Devender Gaba
10.45am - 10.55am	Late presentations - why and what do we do? Social and surgical impact SPEAKER : Ashok Johari
10.56am - 11.06am	Research methodology used to develop India DDH care pathway - SPEAKER : Alaric Aroojis
11.07am - 11.22am	Formal release of India DDH care pathway by representatives / office-bearers of participating organizations Presentation of guidelines : SPEAKER : Dhiren Ganjwala

PROGRAM FLOW

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

1pm - 1.30pm: Lunch

Module 3

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

PROGRAM FLOW

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Module 4

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

Module 5

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



Conference Dinner



PROGRAM FLOW

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

Module 2

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

PROGRAM FLOW

POSI MID-YEAR MEETING 2022

Module 2

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

12.45pm – 1.30pm: Lunch

Module 3

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

PROGRAM FLOW

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Module 4

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

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
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-

Registration via EventAvenue Portal

Fill up the On-line registration form

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



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
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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



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CHILDRENS ORTHOPEDIC RESEARCH & EDUCATION

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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

PARTNERING ORGANISATIONS



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



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