Paediatric Orthopaedic Society of India



POSI NEWSLETTER 2021

Paediatric Orthopaedic Society of India



Created by POSI Webmaster Team: Dr. Easwar T.R, Dr. Taral Nagda, Dr. Ashok Shyam All Rights Reserved December 25, 2021



Art by Dr. Rudraprasad, Bengaluru

POSI Executive Committee



Dr. Dhiren Ganjwala President



Dr. Ramani Narasimhan Past President



Dr. Alaric Aroojis Vice President



Dr. Sandeep Patwardhan Secretary



Dr. Hitesh Shah Treasurer



Dr. Jayant Sampath Journal Editor



Dr. Manoj Padman, EC Member, North Zone



Dr. Viraj Shingade, EC Member, West Zone



Dr. Bibhoo Datta Sahoo, EC Member, East Zone



Dr. Venkatadass K, EC Member, South Zone

Contents

From	the	desk	of PO	OSI	Secretary

- 1 POSICON 2021
- 2 POSI Webinars
- 3 POSI-POSNA Collaborative Webinar

4 POSI-PG Gurukul	10
5 IOA-POSI Webinars	12
6 POSI Accredited Fellowships	14
7 International Journal of Paediatric Orthopaedics	16
8 POSI Website	18
9 POSI Supracondylar Fracture of Humerus Registry	20
10 POSI Projects	22
11 From the President's Pen	26
12 Publications, Awards and Honors	27
12 DOCICON 2022	40



From the desk of POSI Secretary

Dear POSI member

As 2021 passes by and we are ready to enter 2022, I wish all members Happy Holidays, Merry Christmas and Healthy coming New UYear!

The worst of Covid is behind us and India has achieved the milestone of crossing over a billion vaccine doses, making it one of the safest countries in the world to open up. As travel is becoming easier and physical conferences are happening all around India, POSICON is a reality at Kolhapur in Jan 2022.

Registrations are progressing at a fast pace, we recommend that you book your place as soon as possible and join the best academic conference in the country. Last year the POSI achieved a few landmarks which we would like to highlight. This news letter brings you a glimpse of POSI activities in 2021.

- 1. POSICON 2021
- 2. POSI Webinars
- 3. 1st POSI POSNA collaborative webinar
- 4. POSI PG Gurukul

- 5. IOA POSI Webinars
- 6. POSI accredited fellowships
- 7. POSI website
- 8. International Journal of Paediatric Orthopaedics
- 9. Supracondylar Registry (INSOFAR)
- 10. POSI Projects
- 11. Expanding the POSI footprints globally

I am sure that we will continue to do more in the year 2022 with everyone's support and love.

I have been fortunate to have an excellent team of EC members who have should ered various responsibilities in above activities to bring them to fruition , under watchful supervision of our President and Vice President .

Let me take this opportunity to thank them as well as all members for wonderful participation in all activities

Sandeep Patwardhan Secretary Paediatric Orthopaedic Society of India



Photograph: Pre-dawn at Angkorwat by Dr. Vijay Sriram

- 2. 2nd Prize Dr. Bhushan Sagade
- 3. 3rd Prize Dr. Deepika Pinto

POSICON 2021

Dhiren Ganjwala & Members of POSI Executive Committee

1.1 COVID Situation

Covid situation forced us to organise POSICON 2021 as a virtual meeting. More than 200 members registered and attended this meeting.

The scientific program consisted of 4 sessions on Saturdays and Sundays of 4th and 5th week of January. The guest lectures, interactive case discussion sessions and free-paper sessions had excellent participation and interactions.

1.2 Free papers

80 abstracts were submitted for free paper sessions. Of these, 26 abstracts were selected for presentation. Following 3 members were selected for the best paper prize of POSICON

1. 1st Prize Dr. Maulin Shah

1.3 Poster session

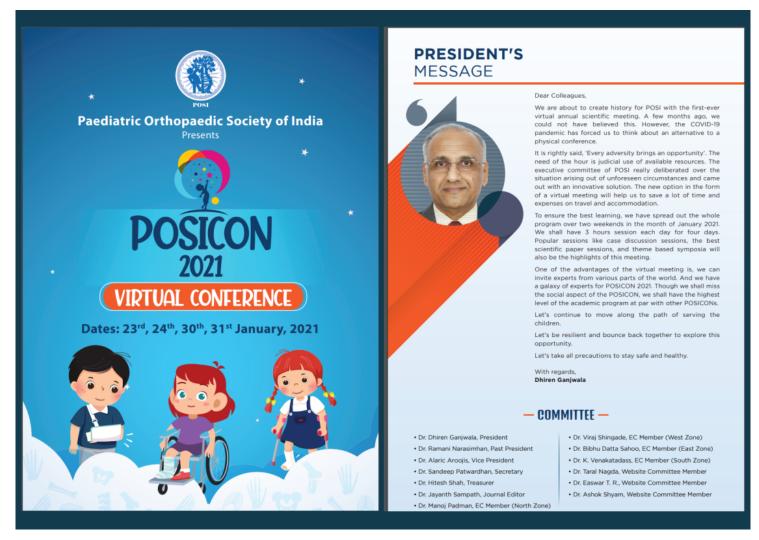
34 members presented their posters during the meeting. The best poster prize was given jointly to Dr Roshan Banjara & Dr Ganesh Singh Dharmshaktu.

1.4 Online Viewing

POSICON 2021 is available for repeat viewing on our website www.posi.in to relive the moments.

1.5 POSICON 2021 Accounts

Income		Expenses	
Registration	430328	Technical support	156000
Sponsorship	15000		
		Profit	289328
	445328		445328



First Ever Web POSICON 2021!

POSI Webinars

Dhiren Ganjwala

2.1 Webinar Content

In continuation to 2020, this year we organised at least one webinar every month. Each webinar was viewed by almost 1,000 people across the world. Faculty from 3 continents participated in these webinars.

We have received excellent inputs about the quality and usefulness of these Webinars from members and Faculty .

Out of 13 webinars held in 2021 two webinars were on humanity topics ${\cal O}(1)$

- Role of empathy in communication with patients and colleagues
- Leadership lessons from legends



2.2 Webinars

A list of the webinars held is given below. The webinars can be viewed on the POSI website on the following link www.posi.in

*****	ъ.	m .
Webinar No	Date	Topic
36	24-02-2021	Osteochondritis dissecans of the knee
37	18-03-2021	Controversies in Growth modulation Part 2
38	08-04-2021	Open fractures in children
39	19-05-2021	Recent advances in Mx of upper extremity trauma
40	10-06-2021	Empathy and communication with patients
41	22-06-2021	Slipped Capital Femoral Epiphysis
42	20-07-2021	Complex trauma cases
43	25-08-2021	Surgical technique: growth modulation and PETS
44	09-09-2021	Simple Bone cyst
45	01-10-2021	Surgical technique: physeal bar resection
46	29-10-2021	Leadership lessons from legends
47	26-11-2021	Fibular hemimelia
48	06-12-2021	Radial clubhand



future as an ongoing activity between both bodies . President of POSNA , Dr Mininder Kocher and President of POSI , Dr Dhiren Ganjwala presided over the Webinar .

485 orthopedic Surgeons from 52 countries registered for the webinar. In addition, the webinar was watched live by 2308 persons online on various channels Ortho-TV, You-tube, and Facebook.

POSI-POSNA Collaborative Webinar

Sandeep Patwardhan / Mike Heffernan

3.1 1st POSI POSNA Collaborative Webinar

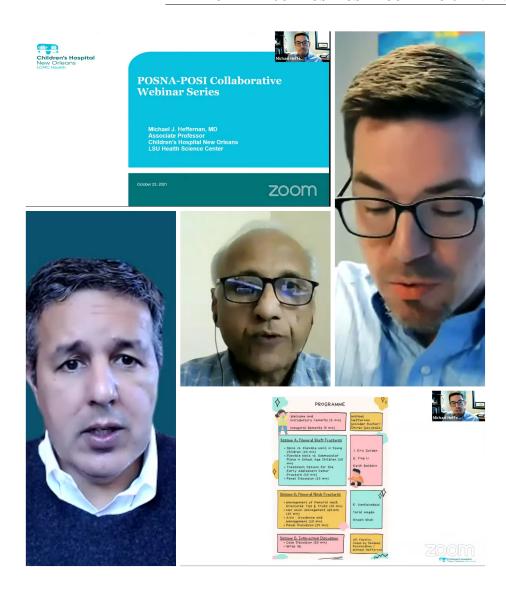
The 1st collaborative webinar was hosted jointly by POSNA and POSI on 23rd OCT 2021.

The Topics covered were Fracture shaft femur and Neck Femur with equal faculty from both bodies.

POSI thanks faculty from the Indian team, Dr Taral Nagda, Dr K Venkatadass and Dr Hitesh Shah.

Ortho-TV led by Dr Ashok Shyam, a POSI member live streamed the event flawlessly. The event was displayed on the POSNA and POSI websites. The recording is available on POSI and POSNA websites.

Mike Heffernan from New Orleans coordinated this event from POSNA side. Further Webinars are being Planned in the



POSI-PG Gurukul

Venkatadass K

4.1 POSI Gurukul 2021

The POSI-PG Gurukul was started with a vision of training the orthopaedic residents in paediatric orthopaedics which would not only help them passing their exams, but also motivate them to take up paediatric orthopaedics as a specialty after residency.

The topics are selected thoughtfully to cover the common paediatric orthopaedic conditions.

The sessions are designed to be interactive which helps the residents to clarify their doubts with the Satgurus, who are senior paediatric orthopaedic surgeons. In 2021, we had 9 sessions till the month of October as shown in the table below. The webinar usually happens on the third Friday of every month between 8 and 9pm.



4.2 PG Gurukul List

List of PG Gurukuls in 2021 is as below

CHAPTER 4. POSI-PG GURUKUL

Date	Session	Topic	Guru	Satgurus
19/02/21	Gurukul – 8	Brachial Plexus Birth Palsy	Dr Gaurav Gupta, New Delhi	Dr Mukund Thatte, Mumbai Dr Rujuta Mehta, Mumbai
19/03/21	Gurukul – 9	Pelvic Osteotomies Made Easy	Dr Vivek Singh, Rishikesh	Dr Ajai Singh, Lucknow Dr Vrisha Mad- huri, Vellore
23/04/21	Gurukul – 10	Slipped Capital Femoral Epiphysis	Dr Kumar Amerendra,Manipal	Dr Gopinath Menon, Chennai Dr Surendra Ka- math, Mangalore
21/05/21	Gurukul – 11	Congenital Tibial Dysplasias	Dr Gaurav Garg, Jaipur	Dr PN Gupta, Chandigarh Dr Anil Agarwal, New Delhi
25/06/21	Gurukul -12	Blount's Disease	Dr Kailash Sarathy, Chennai	Dr K Sriram, Chennai Dr Sandeep Pat- wardhan, Pune
23/07/21	Gurukul -13	Post-septic sequel of Hip	Dr Rohit Jain, Mumbai	Dr Mathew Varghese, New Delhi Dr Gopakumar TS, Perinthal- manna
20/08/21	Gurukul -14	Radial Club Hand & Madelung Deformity	Dr SR Karthick, PGI Chandigarh	Dr Rujuta Mehta, Mumbai Dr B Jagannath Kamath, Manga- lore
17/09/21	Gurukul -15	Clinical Examination in Cerebral Palsy	Dr Avi Shah, Mumbai	Dr Sakthi Prasad Das, Cuttack Dr Abhay Gahukamble, Vellore
22/10/21	Gurukul – 16	Neurogenic Foot Deformites	Dr Suresh Chand, KGMU, Lucjnow	Dr Alok Sood, LHMC, New Delhi Dr Dhiren Gan- jwala, Ahmed- abad

IOA-POSI Webinars

Gowardhan Ingale

5.1 Introduction & Aim

The Paediatric Committee of IOA requested POSI for collaboration and conducted 5 Webinars from June 2021.

The aim was to share expert knowledge of commonly seen paediatric orthopaedic conditions with our IOA members to help them in their routine practice. Due to scarcity of paediatric orthopaedic surgeons in most of the areas across India, the faculty chosen was practicing paediatric orthopaedic surgeons from the 5 regions of IOA in a sequential manner.

Five themes were chosen for these webinars lasting 2 hours conducted on the Last Sunday of each month, with practical discussion & tips to manage these problems.

More than 1500 delegates viewed each session with a positive response.

5.2 Introduction

The themes & faculties were as follows

- IOA POSI Paediatric Session 1:- West Zone
 Theme: Clubfoot for Everyone 27 June 2021
 Faculty:-Dr Atul Bhaskar, Dr Rajeev Negandhi, Dr. Kamlesh Devmurari, Dr. Maulin Shah, Dr. Kirti Ramnani.
- IOA POSI Paediatric Session 2:- South Zone
 Theme:- Septic Arthritis: A Stitch in Time Saves Nine 25 July 2021
 Faculty:- Dr. Kailash Sarathy, Dr. Easwar T.R., Dr. K
 Venkatadass, Dr. Hitesh Shah, Dr. Vidyasagar, Dr. P.
 Harish, Dr. Amrendra Singh, Dr. Siddharth Kamath.
- IOA POSI Paediatric Session 3:- East Zone
 Theme:- Osteomyelitis and its Complications 29 August
 2021
 Faculty:- Dr. Shakti Das, Dr. Soumya Paik, Dr. Anirban Chatterjee, Dr. Sukalyan Dey, Dr. N.K. Das, Dr.
 VVJ Somaraju, Dr. Suhas Bala, Dr. Anil Panda, Dr.
 Bibhudutta Sahoo.
- 4. IOA POSI Paediatric Session 4:- North Zone Theme:-Developmental Dysplasia of Hip - 26 September Faculty:- Dr. Nirmal Raj Dr. P.N. Gupta Dr. Ramani Narsimhan, Dr. Manoj Padman, Dr. Kapil Gangwal
- IOA POSI Paediatric Session 5:- Central Zone Theme:-Metabolic Disorders - 31 October Faculty:-Dr. Gowerdhan Ingale,Dr Dhiren Ganjwala , Dr. Sandeep Patwardhan, Dr. Ajit Shinde, Dr. Vivek Srivastav, Dr. Tushar Agarwal, Dr. Jitendra Jain, Dr. P. N. , Dr. Jaswinder Singh

5.3 IOA and POSI Team

5.3.1 IOA Team

Dr Ajit Sjinde (Chairman) IOA Ped Ortho committee with help of Dr. Thanappan and Dr. Kamlesh Devmurari represented IOA.

5.3.2 POSI Team

The convenor for all sessions was Dr. Dhiren Ganjawala (POSI President) and Dr. Sandeep Patwardhan (POSI Secretary). Dr Gowerdhan Ingale was co-ordinator for all 5 webinars. We are thankful to IOA dignitaries- Dr. B. Shivshankar (President), Dr.Navin Thakkar (Secretary), Dr. Atul Shrivastav (Vice President), Dr. Ramesh Sen (President Elect).



6.3 More Details at ...

Details of available POSI accredited fellowships and application process are available on the POSI website www.posi.in

POSI Accredited Fellowships

6.1 POSI Accredited Centres

This year inspection was carried out at 2 centres which had applied for accreditation

- SRCC Mumbai Application by Dr Taral Nagda and Dr Mandar Agashe. The POSI inspectors Dr Ashok Johari and Dr Alaric Aroojis carried out the inspection and approved the centre
- 2. Orthokids Hospital Ahmedabad Application by Dr Maulin Shah and Dr Dhiren Ganjwala.Dr Ashok Johari carried out the inspection and approved the centre.

6.2 POSI Inspection Team

We would like to thank the inspectors, esp Dr Ashok Johari for their exemplary work.



Photograph Dr. Taral Nagda, Taj Mahal Hotel, Mumbai

International Journal of Paediatric Orthopaedics

Jayanth S Sampath Editor, POSI.

7.1 State of IJPO

The POSI Editorial Team and reviewers have been kept busy over the past year due to an unprecedented rise in the number of submissions to International Journal of Paediatric Orthopaedics (IJPO), our official journal. This has helped IJPO publish four issues in the space of 18 months. The first POSI issue of IJPO was published in 2020 featuring a symposium on DDH management. This was quickly followed by two further issues in 2021 composed of original articles and symposia on Brachial Plexus Birth Palsy and lateral condyle humerus fractures. We would like to thank all the authors and reviewers for their contribution.

7.2 Audience, Scope and Future

7.2.1 Our Audience

IJPO caters to a global audience in its readership and submissions. We have published articles originating from a dozen countries across 4 continents but remain true to our original aim of highlighting scientific work from the developing world.

7.2.2 Submission Platform

Our article submission platform called "Scripture" is being revamped. The new version will ensure that the submission and review process will proceed smoothly. We request POSI members to register themselves on Scripture for article submission and to volunteer as a reviewer. Articles published in IJPO already appear in Index Copernicus and we are in the process of obtaining indexation in other online databases.

7.2.3 Indexing on Pubmed

We look forward to greater opportunities such as Pubmed indexing and making the journal financially independent. We are confident that these larger ambitions will be achieved in a reasonable timeframe.

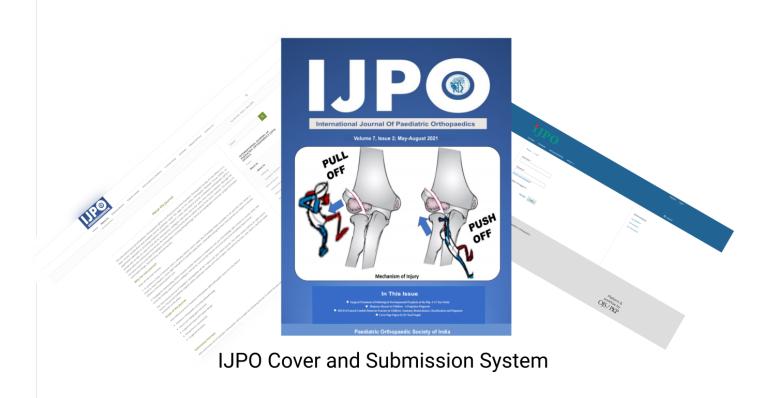
7.3 Online Issue Archive

We encourage POSI members to benefit from free full-text access to the journal at www.ijpoonline.com. The archive section has symposia which will be of use to exam-going postgraduates.

CHAPTER 7. INTERNATIONAL JOURNAL OF PAEDIATRIC ORTHOPAEDICS

7.4 Write to us...

Lastly, we request every POSI member to encourage their trainees to submit their work to IJPO. Please write to me with your comments and suggestions editor.posi.ijpo@gmail.com.



Details of past POSI meetings including scientific programme and abstracts are archived in past events session.

8.2 Future Plan

We will soon start a new feature where members will be able to upload their papers on the website.

8.3 Visit us...

Please visit www.posi.in to explore new features.

POSI Website

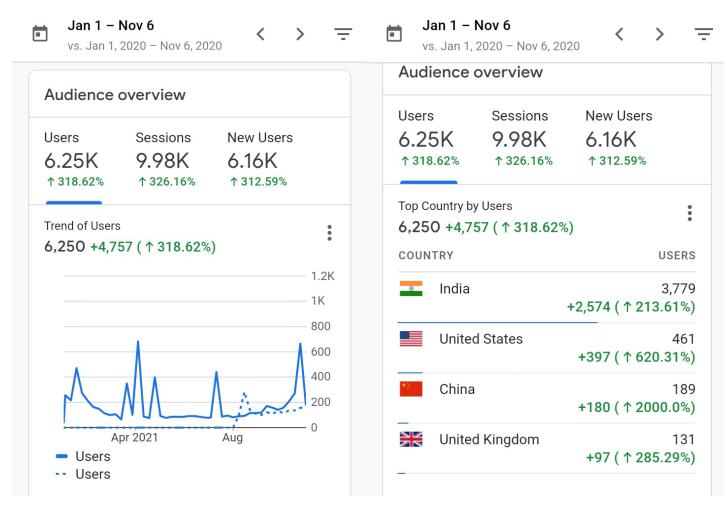
Taral Nagda , Easwar TR

8.1 Features

POSI website mirrors the activity of the society past, present and future. In addition to information on the society and its programmes and upcoming events, it has facilities for online conference registration and online abstract submission. It also gives access to membership information, fellowship information and POSI newsletter and journals. Applications for membership can be made online with digital payment, to make the process paperless.

A new feature added this year is the POSI wallet which allows members to upload important certificates and documents for records and retrieval. We request members to utilise this feature

The website has rich academic content as well and offers links to all POSI webinars, POSI PG Gurukul sessions, ICLs of POSICON 2019 and proceedings of POSICON 2012 at Pune.



Website Traffic Showing more than 300% Increase from Last Year and worldwide viewership increase in POSI activities

POSI Supracondylar Fracture of Humerus Registry

Easwar TR

9.1 Introduction

Supracondylar Fracture of Humerus is the most common fracture in Children. Unfortunately, the treatment varies across the country. Given the enormous data that is available in India, POSI is happy this year to launch a nationwide Registry for Supracondylar Fracture of Humerus.

9.2 Description & Timeline

Named INSOFAR, the Indian Supracondylar Fracture Registry will serve as a common pool of data from across India from which studies, papers can be published towards a consensus regarding treatment of this fracture.

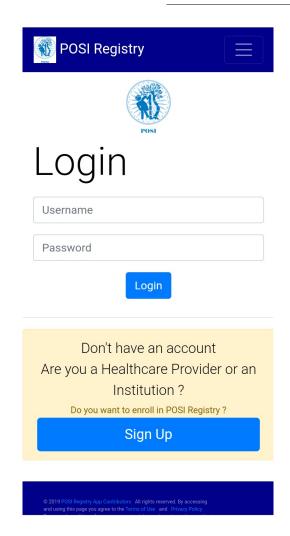
The Registry software would be cloud based and standard data security, privacy policies would be in place. The software will soon be entering the beta testing phase and then launched officially in a few months.

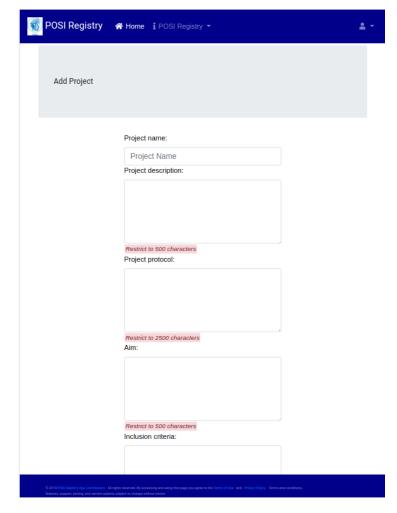
With this Registry software POSI will have the foundation to build new Projects, do nationwide research and build unmatched body of evidence.

9.3 Wider Participation

We call on all those who are interested to participate to let us know by email or by filling this Google Form: https://forms.gle/VrkeFfzEcBqN2Eu17.

CHAPTER 9. POSI SUPRACONDYLAR FRACTURE OF HUMERUS REGISTRY





Registry Software with Login Screen, Data Entry

POSI Projects

Alaric Aroojis

10.1 Introduction

POSI has initiated two important collaborative projects for the academic year 2020-21.

10.2 Development of DDH screening guidelines and DDH Care Pathway

POSI took the lead in setting up a high-level DDH Expert Group comprising of members of various national organizations involved in paediatric care, in order to establish contextuallyrelevant screening guidelines for DDH in India.

10.2.1 Principles

This project rests upon four important legs:

- Awareness: Creating awareness among Paediatricians & PCPs about the incidence & deleterious effects of latediagnosed DDH
- 2. Evidence: Collecting evidence from existing literature the help development of guidelines. Simultaneously to detect gaps in literature for future research.
- 3. Consensus: Generating consensus from experts where evidence is not available by relying on clinical practice & experience.
- 4. **Implementation:** Ensuring that guidelines are practical & useful for dissemination & immediate implementation

10.2.2 Timeline

The entire timeline for this project is expected to be 1 year.

10.2.3 Process

The first step involved recruiting relevant healthcare providers to the management of patients with DDH in order to form a DDH Care Pathway Expert Group. We partnered with various national organizations; such as the Indian Academy of Pediatrics (IAP), National Neonatology Forum of India (NNFI), Indian Radiological and Imaging Association (IRIA), Indian Federation for Ultrasound in Medicine and Biology (IFUMB), Indian Orthopaedic Association (IOA) & the Federation of Obstetric and Gynaecological Societies of India (FOGSI); with each organization nominating a few representatives. These organizations represent over 120,000 healthcare specialists in India, which speaks to the scope of this project and the impact the care pathway will have upon implementation.

The goal of this stage was to sensitize all members of the interdisciplinary group to the topic and administer surveys to help us understand practice patterns, local needs, and access

to resources and expertise. We began regular monthly Zoom meetings to share relevant literature and discuss the role of various screening modalities. After this stage we moved onto the Delphi approach, which consists of multiple rounds of survey interspersed with online group meetings. The multi-round process began with a comprehensive list of consensus statements on the topic, and participants rated their agreement with each statement. After the survey was completed, the working group then met to discuss the statements where consensus was not reached. This iterative process continued until there was a list of statements that have reached consensus across the group — these statements were then used to develop the Care Pathway. The guidelines & care pathway are now finalized and the results are ready to be disseminated widely on various organizations' websites, newsletters & associations' apps / social media etc. A final manuscript of the guidelines is being prepared & will be submitted for publication to Indian Pediatrics (official journal of IAP). This project has the potential to standardize diagnosis and management decisions and decrease the prevalence of walking-age DDH on a global scale.

POSI POSI

Organisations involved in DDH Project

10.3 Development of guidelines for CP hip surveillance

10.3.1 Introduction

A similar process was followed to develop hip surveillance guidelines for Cerebral Palsy (CP). A National Committee was constituted comprising of senior members from POSI, Indian Academy of Cerebral Palsy (IACP), IAPMR (Indian Association of Physical Medicine & Rehabilitation), AIOTA (All India Occupational Therapists Association), Association of Child Neurology (AOCN), IAP (Indian Association of Physiotherapists), IOA (Indian Orthopaedic Association) and IAP (Indian Academy of Paediatrics).

10.3.2 Process and Timeline

During Phase I of the project (May – Sept 2020), a very detailed literature review was conducted by members of the committee under 8 different modules, covering natural history & risk factors for hip displacement in CP, existing global surveillance systems, radiology, outcomes, management and review of Indian literature on the topic. This was mainly to sensitize the group to the problem and creating awareness about the magnitude of the problem and gaps in evidence. We then moved on to Phase II – the actual development of Indian guidelines using established international guidelines, evidence from literature and consensus-building using the Delphi approach. The guidelines are now finalized and ready to be published. We will begin the 3rd phase of implementing various tools for active dissemination of the guidelines. These will include online resources, publications, mobile apps, e-learning modules, integration with existing clinical decision support systems, social media, press releases, CMEs & conferences etc. We also plan to liaise with existing government initiatives such as the Rashtriya Bal Swasthya Karyakram (RBSK) so as to ensure widespread implementation even in the public health sector.



Organisations involved in CP Project

10.4 Acknowledgements

10.4.1 BC Children's Hospital

POSI is extremely grateful to the research team at BC Children's Hospital, Vancouver, Canada for providing academic inputs, technical expertise, access to their REDCap database for conducting surveys and the Delphi process, ethics approvals, and a dedicated research student to co-ordinate and assist in both projects.

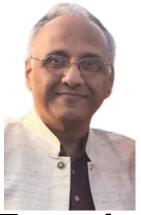
10.4.2 International Hip Dysplasia Registry (IHDR) & I'm a HIPpy

We also thank the International Hip Dysplasia Registry (IHDR) & I'm a HIPpy for committing to provide educational grants to

fund various expenses we are likely to incur during the guideline development and implementation phases of both projects.



Painting : Clubfoot by Dr. Easwar T.R



From the President's Pen



Dhiren Ganjwala

Expanding the POSI footprint globally: thoughts for the future

POSI is the 2nd largest society of Pediatric Orthopedic specialists. Collaboration with other societies like Pediatric Orthopedic Society of North America, European Pediatric Orthopedic Society, Asia Pacific Pediatric Orthopedic Society and Middle East Pediatric Orthopedic Society will help us to enrich our knowledge and also allow us to share our vast experience of managing challenging cases with others.

Publications, Awards and Honors

Collated from Member notifications to POSI

Author list

(In alphabetical order)

- 1. Dr. Alaric Aroojis
- 2. Dr. Amarendra Singh
- 3. Dr. Ashok Johari
- 4. Dr. Balasubramanian Balakumar
- 5. Dr. Chetan Peshin
- 6. Dr. Chintan Doshi
- 7. Dr. Hitesh Shah
- 8. Dr. Jaswinder Singh
- 9. Dr. Mandar Agashe
- 10. Dr. Maulin Shah
- 11. Dr. Nirmal Raj Gopinathan

- 12. Dr. Rashid Anjum
- 13. Dr. Ritesh Arvind Pandey
- 14. Dr. Sandeep Patwardhan
- 15. Dr. Shobit Gupta
- 16. Dr. Shyam Kishan
- 17. Dr. Suresh Chand
- 18. Dr. Taral Nagda
- 19. Dr. Thomas Palocaren
- 20. Dr. Venkatadass K
- 21. Dr. Vidyasagar Chandrakere
- 22. Dr. Vivek Singh

1. Dr. Alaric Aroojis

- (a) Academic Awards and Memberships
 - The Shanmuga S. Jayakumar Best Paper Award for paper titled 'Development of a functional prototype of a SMART (Sensor-integrated for Monitoring and Remote Tracking) foot abduction brace for clubfoot treatment: can it improve brace adherence?' at 41st SICOT Orthopaedic World Congress, Budapest, Hungary, 15th – 18th Sept 2021.
 - ii. Member of International Paediatric Orthopaedic Think Tank (IPOTT)
- (b) Scientific Publications
 - i. Li J, Aroojis A, Mulpuri K, Shea Kg, Schaeffer EK. Development of a DDH Care Pathway for India: A study methodology to guide similar efforts in other countries and for other conditions. Indian Journal of Orthopaedics, Oct 2021. [https://doi.org/10.1007/s43465-021-00534y].
 - ii. Karnik A, Lawande A, Lawande MA, Patkar D, Aroojis A, Bhatnagar N. Practice Essentials of Imaging in Early Diagnosis of DDH. Indian Journal of Orthopaedics, Oct 2021. [https://doi.org/10.1007/s43465-021-00539-7]
 - iii. Johari AN, Pandey RA, Chand S, Aroojis A. The Evolution of DDH Management in India. Indian Journal of Orthopaedics, Oct 2021. [https://doi.org/10.1007/s43465-021-00537-9]
 - iv. Vaidya SV, Aroojis A, Mehta R. Developmental Dysplasia of Hip and Post-natal Positioning: Role of Swaddling and Baby-Wearing. Indian Journal of Orthopaedics, Sept 2021. [DOI: 10.1007/s43465-021-00513-3]
 - v. Chand S, Aroojis A, Pandey R, Johari AN. The Incidence, Diagnosis, and Treatment practices of Developmental Dysplasia of Hip (DDH) in India: A Scoping Systematic Review. Indian Journal of Or-

- thopaedics, Sept 2021. [DOI: 10.1007/s43465-021-00526-v]
- vi. Pinto D, Aroojis A, Shah H, Patwardhan S, Venkatadass K, Sahu C, Schaeffer E, Mulpuri K. Demographic and Practice Variability Amongst Indian Centres in a Multicentre Prospective Observational Study on Developmental Dysplasia of the Hip. Indian Journal of Orthopaedics, September 2021. DOI: 10.1007/s43465-021-00516-0
- vii. Vaidya SV, Pinto DA, Mehta R, Agashe MV, Aroojis. A. Lower limb ischemia at birth because of spontaneous arterial thrombosis: A case report. JBJS Case Connector, Aug 2021, 11(3). [DOI: 10.2106/jbjs.cc.20.00643]
- viii. Mehta R, Aroojis A, Gopinathan NR. Guest Editorial: Symposium on Clubfoot. J Foot Ankle Surg (Asia Pacific) 2021;8(3):93.
- ix. Penny N, Aroojis A, Mehtani A, Banskota B. Club-foot Correction in Walking Age Children: A Review. J Foot Ankle Surg (Asia Pacific) 2021;8(3):102–109.
- x. Baghdadi S, Yadav P, Banskota B, Aroojis A, Talwar D, Spiegel DA. Outcome Measures in Clubfoot. J Foot Ankle Surg (Asia Pacific) 2021;8(3):132–140.
- xi. Gibbard M, Ponton E, Sidhu B, Farrell S, Bone J, Wu L, Schaeffer E, Cooper A, Aroojis A, Mulpuri K. Survey of the impact of COVID-19 on Paediatric Orthopaedic surgeons globally. J Pediatr Orthop 2021. [https://doi:10.1097/BPO.0000000000001887]
- xii. Pinto D, Dhawale A, Shah I, Rokade S, Shah A, Chaudhary K, Aroojis A, Mehta R, Nene A. Tuberculosis of the spine in children – does drug resistance affect surgical outcomes? The Spine Journal 2021. [https://doi.org/10.1016/j.spinee.2021.06.001]
- xiii. Li J, Ganjwala D, Johari A, Miller S, Schaeffer EK, Mulpuri K, Aroojis A. Hip Surveillance for Children with Cerebral Palsy: A Survey of Orthopaedic Surgeons in India. Indian J Orthop 2021. [https://doi.org/10.1007/s43465-021-00432-3]

- xiv. Aroojis A, Pandey T, Dusa A, Krishnan AG, Ghyar R, Ravi B. Development of a functional prototype of a SMART (Sensor-integrated for Monitoring And Remote Tracking) foot abduction brace for clubfoot treatment: a pre-clinical evaluation. International Orthopaedics 2021;45(9):2401-10. [https://doi.org/10.1007/s00264-021-05042-0]
- xv. Sarathy K, Dhawale A, Rokade S, Badve S, Mandlecha P, Aroojis A, Mehta R, Chaudhary K, Nene A. Assessment of Pedicle Screw Malposition in Uniplanar versus Multiplanar Spinal Deformities in Children. North American Spine Society Journal (NASS-J) 2021. [https://doi.org/10.1016/j.xnsj.2021.100049]
- xvi. Aroojis A, Sagade B, Chand S. Usability and reliability of the Edinburgh Visual Gait Score in children with spastic Cerebral Palsy using smartphone slow-motion video technology and a motion analysis application: A pilot study. Indian J Orthop 2021;55(4):931-8. [https://doi.org/10.1007/s43465-020-00332-y].
- xvii. Aroojis A, Mantri N, Johari AN. Hip displacement in cerebral palsy: the role of surveillance. Indian J Orthop 2021;55:5-19. [https://doi.org/10.1007/s43465-020-00162-y]
- xviii. Pinto DA, Aroojis A. Fractures of the proximal femur in childhood: a review. Indian J Orthop 2021;55:23-34. [https://doi.org/10.1007/s43465-020-00259-4]
- xix. Pinto DA, Aroojis A, Mehta R. Swaddling Practices in an Indian Institution: Are they Hip-Safe? A Survey of Paediatricians, Nurses and Caregivers. Indian J Orthop 2021;55:147-57. [https://doi.org/10.1007/s43465-020-00188-2]
- xx. Hooper N, Aroojis A, Narasimhan R, Schaeffer EK, Habib E, Wu JK, Taylor IK, Burlile JF, Agrawal A, Shea K, Mulpuri K. Developmental dysplasia of the hip: an examination of care practices of Orthopaedic

- surgeons in India. Indian J Orthop 2021;55:158-68. [https://doi.org/10.1007/s43465-020-00233-0]
- xxi. Rangasamy K, Mehta R, Gopinathan NR, Aroojis A, Behera P, Dhillon MS. Changes in the management of clubfoot cases during COVID-19 pandemic a survey among Orthopaedic surgeons. Indian J Orthop 2021;55:188-94. [https://doi.org/10.1007/s43465-020-00277-2]
- xxii. Aroojis A, Pragadeeswaran V. Return to the New Normal': Innovative solutions for safe Ponseti casting in clubfoot clinics during the COVID-19 pandemic. Indian J Orthop 2021;55:224-9. [https://doi.org/10.1007/s43465-020-00265-6]
- xxiii. Shah A, Aroojis A, Mehta R. The Ponseti method of treatment for neuromuscular and syndromic (non-idiopathic) clubfeet: evaluation of a programme-based approach at a mean follow-up of 5.8 years. Int Orthop 2021;45:155-163. [https://doi.org/10.1007/s00264-020-04677-9]

2. Dr. Amarendra Singh

- (a) Singh KA, Harne N, Shah H. Does early and aggressive management of significant extrusion of the femoral head affect the outcome of Perthes' disease with the age of onset younger than 7 years? Musculoskelet Surg. 2021 Apr 18. doi: 10.1007/s12306-021-00709-8. Epub ahead of print. PMID: 33870477.
- (b) Singh KA, Ganjwala D, Shah H. A New Radiographic Classification System for Developmental Hip Dysplasia is Reliable and Predictive of Successful Closed Reduction and Late Pelvic Osteotomy. J Pediatr Orthop 2021
- (c) Singh KA, Madegowda A, Shah H. Slipped capital femoral epiphysis in a healed Perthes hip. BMJ Case Rep. 2021;14(7):e243977. Published 2021 Jul 23. [doi:10.1136/bcr-2021-243977].
- (d) Singh KA, Ganjwala D, Gupta P, Vazhayil Kottamttavida I, Varma M, Shah H. Reliability of 3 Radio-

3. Dr. Ashok Johari

(a) Book

 Current Progress In Orthopedics Vol. 3 released in 2021: Editors: Ashok Johari, Keith DK Luk, James P Waddell, ISBN 978-93-83989-63-8 Publisher: Tree Life Media

(b) Book Chapters

- Late Presenting Elbow Trauma in Children in The Child Elbow (released in 2021) Chapter 16,page numbers 139 - 156; Editors: Antonio Andreacchio, Federico Canavese, ISBN 978-88-
- ii. Principles of Intraoperative Management of Early-Onset Scoliosis in Early-Onset Scoliosis Guidelines for Management in Resource-Limited Settings (2021) Chapter 8d, page numbers 130 -141; Editors: Dr Alaaeldin (Alaa) Azmi Ahmad, Dr Aakash Agarwal, ISBN:9780367370312 (hbk)ISBN: 9780429352416 (ebk), Publisher CRC Press, Taylor & Francis Group, LLC
- iii. Management of Late Presenting DDH: An Algorithmic Approach in Recent Advances in Orthopedics (2021) Chapter 6. page numbers 100 116; Editor: Anil Kumar Jain, ISBN: 978-81-944667-7-2, Publisher Evangel Publishing
- iv. Congenital Tibial Bowing Evaluation and Management in Current Progress in Orthopedics Vol 3, (Released 2021) Chapter 3, pages 50-67, Editors: Ashok Johari, Keith DK Luk, James P Waddell, ISBN 978-93-83989-63-8 Publisher: Tree Life Media
- v. Principles and Overview of Pediatric Implantology in Fracture Management In: Handbook of Orthopaedic

- Trauma Implantology (2021) Pages 1 -23, Editors: Banerjee A., Biberthaler P.,Shanmugasundaram S. (eds). Springer, Singapore. [https://doi.org/10.1007/978 981 15 6278 $5_89 1$] Online ISBN 978-981-15-6278-5
- vi. Implantology in Pediatric Upper Limb Fractures. In: Handbook of Orthopaedic Trauma Implantology (2021) Pages 1-22, Editors: Banerjee A., Biberthaler P., Shanmugasundaram S. (eds). Springer, Singapore. [https://doi.org/10.1007/978 981 15 6278 $5_89 1$] Online ISBN 978-981-15-6278-5
- vii. Extended Applications of Trauma Implants to Prevent or Treat Fractures in Pathological Bone In:
 In: Handbook of Orthopaedic Trauma Implantology (2021) Pages 1 -14, Editors:Banerjee A., Biberthaler P., Shanmugasundaram S. (eds). Springer, Singapore.[https://doi.org/10.1007/978-981-15-6278-589-1] Online ISBN 978-981-15-6278-5

(c) Publications

1. Intravenous pamidronate for treatment of osteogenesis imperfecta in Indian children Tropical Doctor (2021) Apr;51(2):271-274, doi: 10.1177/0049475520982694. Epub 2021 Jan6, journals.sagepub.com/home/tdo 2. Editorial: Save the Hip-Hip Surveillance in Cerebral Palsy is the Need of the Hour!! Indian Journal of Orthopaedics (2021) 55:3-4 [https://doi.org/10.1007/s43465-020-00336-8] 3. Book Review: R.L. Mittal: CLUBFOOT—A Comprehensive Approach (Past, Present, and Future) Indian Journal of Orthopaedics (2021) 55:232–233 [https://doi.org/10.1007/s43465-020-00264-7] Covid-19 Pandemic: Resumption of Orthopedic Care and Medical Education Indian Journal of Orthopaedics. Apr 3;55(2):pg; 506-515 doi: 10.1007/s43465-021-00379-5 Published Online 03 April, 2021 5. of Newborns and Infants for Developmental Dysplasia of the Hip: A Systematic Review Indian Journal of Orthopaedics, Published Online 02 May 2021 [https://doi.org/10.1007/s43465-021-00409-2] 6. Invited

Editorial: Watchwords for management of developmental disabilities in developing countries in Developmental Medicine & Child Neurology, 2021 Jun;63(6):629. [doi:10.1111/dmcn.14864]. 7. Hip Surveillance for Children with Cerebral Palsy: A Survey of Orthopaedic Surgeons in India Indian Journal of Orthopaedics Published Online 07 June 2021 [https://doi.org/10.1007/s43465-021-00432-3] 8. The Incidence, Diagnosis, and Treatment practices of Developmental Dysplasia of Hip (DDH) in India: A Scoping Systematic Review Indian Journal of Orthopaedics, Published Online 24 Sept. 2021, [https://doi.org/10.1007/s43465-021-00526y 9. The Evolution of DDH Management in India Indian Journal of Orthopaedics, Published Online 06 Oct. 2021, [https://doi.org/10.1007/s43465-021-00537-9] 10. Editorial: Why the time is ripe for India to develop a National DDH screening programme (DDH = Developmental Dysplasia of the Hip) Accepted by the Indian Journal of Orthopaedics

(d) Awards and honours

- i. President of SICOT
- ii. Chief Editor: Journal of Pediatric Orthopaedics (B)
- iii. President Elect: International Federation of Paediatric Orthopaedic Societies (IFPOS)
- iv. Invitation as Conference Orator, Bangladesh Orthopaedic Society, March 2021
- v. Plenary Lecture: 13th Combined Congress of the Asia Pacific Paediatric Orthopaedic Society:
- vi. APSS APPOS 2021, June 2021
- vii. 1st IFNR (Indian Federation of Neuro Rehabilitation) Oration at the 4th Asia Oceanian
- viii. Congress of Neuro Rehabilitation (AOCNR), August 2021
- ix. Keynote Speaker, 1st World Congress of WAIOT (World Association Against Infection in Dronacharya Award for CME Excellence, Integrated Health & Wellbeing (IHW) Council, Orthopaedics and Trauma), August 2021

- x. Guest of Honor, DKOU (German Orthopaedic & Trauma Congress), Berlin, October 2021
- xi. Invitation as Visiting Professor DuPont, Delaware, USA, Oct. 2021 Shaikh Mohd. Abdullah Memorial Oration, SMS Medical College, Jaipur, November 2021
- xii. P.K. Duraiswamy Eponymous Lecture, IOACON 2021
- xiii. Top Doctors, Mumbai, 2021 by India Today

4. Dr. Balasubramanian Balakumar

(a) Traumatic hip dislocation in the paediatric population: A case series from a specialist centre James E Archer, Balasubramanian Balakumar, Abdulrahman Odeh, Christopher Edward Bache, Rozalia Dimitriou Published:April 07, 2021 [DOI:https://doi.org/10.1016/j.injury.2021.04.010]

5. Dr. Chetan Peshin

(a) Chetan Peshin , Rohan Ratra and Anil Kumar Juyal, Step-cut osteotomy in neglected Monteggia fracture dislocation in pediatric and adolescent patients: A retrospective study Journal of Orthopaedic Surgery 28(3) 1–6 DOI: 10.1177/2309499020964082

6. Dr. Chintan Doshi

(a) Case Report-Irreducible Distal Tibia Physeal Injury with Tibialis Posterior Tendon Interposition Chintan Doshi ,Simran Dua and Shital N. Parikh , Case Reports in Orthopedics Volume 2021, Article ID 6646953, 4 pages [https://doi.org/10.1155/2021/6646953]

7. Dr. Hitesh Shah

(a) Laine JC, Novotny SA, Tis JE, Sankar WN, Martin BD, Kelly DM, Gilbert SR, Shah H, Joseph B, Kim HKW; International Perthes Study Group. Demographics and Clinical Presentation of Early-Stage Legg-Calvé-Perthes Disease: A Prospective, Multicenter, International Study.

- J Am Acad Orthop Surg. 2021 Jan 15;29(2):e85-e91. doi: 10.5435/JAAOS-D-19-00379. PMID: 32868700.
- (b) Malhotra M, Shah H. Comparison of outcome between idiopathic and non-idiopathic congenital vertical talus treated with soft tissue release. Journal of Pediatric Orthopaedics B 2021, Sep 1;30(5):458-466. doi: 10.1097/BPB.00000000000000815. Online ahead of print.
- (c) Tis JE, Laine JC, Sankar WN, Jo CH, Kim HKW; International Perthes Study Group. Reproducibility of Radiographic Measurements Made in the Active Stages of Legg-Calvé-Perthes Disease: Evaluation of a Prognostic Indicator and an Interim Outcome Measure. J Pediatr Orthop. 2021 Feb 1;41(2):93-98. doi: 10.1097/BPO.0000000000001714. PMID: 33229962.
- (d) Naik P, Gupta P, Shah H. The spectrum of tibial pseudarthrosis in children with constriction band syndrome Does it always heal after band release? J Pediatr Orthop B. 2021 Feb 17. doi: 10.1097/BPB.0000000000000856. Online ahead of print
- (e) Murali SD, Hegde N, Shah H. Valgus-impacted fracture of neck of femur in a 12-year-old child. BMJ Case Rep. 2021 Mar 8;14(3):e240707. doi: 10.1136/bcr-2020-240707. PMID: 33685913.
- (f) Singh KA, Harne N, Shah H. Does early and aggressive management of significant extrusion of the femoral head affect the outcome of Perthes' disease with the age of onset younger than 7 years? Musculoskelet Surg. 2021 Apr 18. doi: 10.1007/s12306-021-00709-8. Epub ahead of print. PMID: 33870477.
- (g) Selberg CM, Bram JT, Carry P, Goldstein RY, Schrader T, Laine JC, Kim HKW, Sankar WN; International Perthes Study Group. Hip Morphology in Early-stage LCPD: Is There an Argument for Anatomic-specific Containment? J Pediatr Orthop. 2021 Apr 12. doi: 10.1097/BPO.0000000000001791. Epub ahead of print. PMID: 33843788.

- (h) Singh KA, Ganjwala D, Shah H. A New Radiographic Classification System for Developmental Hip Dysplasia is Reliable and Predictive of Successful Closed Reduction and Late Pelvic Osteotomy. J Pediatr Orthop 2021
- (i) Rao A, Shah H. et al., Exploring the perspectives of primary caregivers of girls with cerebral palsy on challenges during puberty- A qualitative study protocol - Disability, CBR & Inclusive Development 2021.
- (j) Kaur P, do Rosario MC, Hebbar M, et al. Clinical and genetic spectrum of 104 Indian families with central nervous system white matter abnormalities [published online ahead of print, 2021 Jul 24]. Clin Genet. 2021;10.1111/cge.14037. [doi:10.1111/cge.14037].
- (k) Singh KA, Madegowda A, Shah H. Slipped capital femoral epiphysis in a healed Perthes hip. BMJ Case Rep. 2021;14(7):e243977. Published 2021 Jul 23. [doi:10.1136/bcr-2021-243977]
- (1) Pinto D, Aroojis A, Shah H, et al. Demographic and Practice Variability amongst Indian centres in a Multicentre Prospective Observational Study on Developmental Dysplasia of the Hip. Indian J orthop 2021.
- (m) Chandankere V, Shah H. Controversies in the management of pediatric neck femur fractures- a systematic review. J Orthop. 2021;27:92-102. Published 2021 Sep 14. [doi:10.1016/j.jor.2021.08.014].
- (n) Jennifer C. Laine, In-Ho Choi, ark T. Dahl, John E. Herzenberg, Joachim Horn, Christopher Iobst, Charles Johnston, Benjamin Joseph, Philip K. McClure, Kenneth Noonan, Hitesh Shah. Complex Decisions in the Management of Congenital Pseudarthrosis of the Tibia: An International Expert Panel Case Discussion. JPOSNA November 2021.

8. Dr. Jaswinder Singh

(a) Dilemma for Fracture Fixation of Paediatric Ipsilateral Neck with Shaft Femur Fracture Jaswinder Singh & John Mukhopadhaya, Indian Journal of Orthopaedics ISSN 0019-5413 Volume 55 Number 1 JOIO (2021) 55:81-92 DOI 10.1007/s43465-020-00315-z

9. Dr. Mandar Agashe

- (a) Co-Author of the critically acclaimed textbook "Textbook of paediatric Orthopaedic Trauma: Protocols and Techniques" with my co-authors- Dr. Binoti Sheth and Dr. Sandeep Vaidya. This textbook hopes to be the 'goto" textbook for management of paediatric Orthopaedic trauma for all general orthopaedic surgeons.
- (b) Articles in high-impact peer-reviewed indexed journals: Lengthening after non-vascularised fibula grafting for large post-infective bone defect: A case report with long term follow-up. JBJS Case Connect 11(2):e20.00749, April-June 2021 Pinto D, Mehta R, Agashe MV
- (c) Lower-Limb Ischemia at Birth Because of Spontaneous Arterial Thrombosis: A Case Report Vaidya, Sandeep V.; Pinto, Deepika A.; Mehta, Rujuta; Agashe, Mandar V.; Aroojis, Alaric Less JBJS Case Connector. 11(3):e20.00643, July-September 2021.

10. Dr. Maulin Shah

- (a) Publications
 - i. Infantile Sternal Tuberculosis: A Rare Condition. Indian Pediatrics Case Reports 2021 $10.4103/ipcares.ipcares_92_21$
 - ii. Reconstruction of post-osteomyelitis 1st ray phalangeal loss by reverse dermis cross toe flap and fibula bone grafting: A rare case report. The Foot 2021 10.1016/j.foot.2021.101782
 - iii. Clinical Examination and Early Management of Brachial Plexus Birth Palsy. International Journal of Paediatric Orthopaedics – 2021 [http://ijpoonline.com/clinical-examination-and-early-management-of-brachial-plexus-birth-palsy-bpbp/]

- iv. Factors affecting the outcome of Chronic Osteomyelitis in Children. International Journal of Paediatric Orthopaedics 2021 [http://ijpoonline.com/factors-affecting-the-outcome-of-chronic-osteomyelitis-in-children/]
- v. Elbow, Forearm and Wrist Issues in Brachial Plexus Birth Palsy: Current Concepts. International Journal of Paediatric Orthopaedics – 2021 [http://ijpoonline.com/elbow-forearm-andwrist-issues-in-brachial-plexus-birth-palsy-currentconcepts/]
- vi. Shoulder Rebalancing Surgery for Brachial Plexus Birth Palsy (BPBP). International Journal of Paediatric Orthopaedics – 2021 [http://ijpoonline.com/shoulder-rebalancingsurgery-for-brachial-plexus-birth-palsy-bpbp/]
- vii. Primary Nerve Reconstruction in Brachial Plexus Birth Palsy: Current Concepts. International Journal of Paediatric Orthopaedics 2021 [http://ijpoonline.com/primary-nervereconstruction-in-brachial-plexus-birth-palsy-current-concepts/]
- viii. Hip Spica Stroller: A technical Note. Indian journal of orthopedics, 2021.
- ix. Hip Spica: A Parents' guide
- x. Clubfoot treatment guide for Parents. This book has been translated in seven regional Indian languages.
- (b) POSI accreditation of Orthokids Clinical Fellowship: Orthokids Fellowship program was accredited by Pediatric Orthopedic Society of India in October -2021.
- (c) Authored a book "Sarjan Ni Samvedana": "Sarjan Ni Samvedana" (Emotional Journey of a Pediatric Orthopedic Surgeon) is a compilation of 25 real life stories by Dr. Maulin Shah in Gujarati language. Each story depicts emotional journey of doctor and patient through different Pediatric Orthopedic Conditions.

11. Dr. Nirmal Raj Gopinathan

(a) Publications

- Gopinathan NR, Rangasamy K, Vatsya P, Behera P. Management of Missed Type-2 Monteggia Fracture Equivalent in a 9-Year-Old Child: A Case Report. JBJS Case Connect. 2021; 11(1):e20.00179. doi: 10.2106/JBJS.CC.20.00179. PMID: 33577186.
- Gopinathan NR, Agarwal S, Kansal R, Rangasamy. FAST-Fixator Assisted Submuscular plating Technique- A simplified technique of submuscular plating in paediatric femur fractures. 2021. DOI: [https://doi.org/10.1016/j.injury.2021.01.031].
- iii. Chaudhari M, Saini SK, Bharti B, Gopinathan NR, Narang K. Heavy School Bags and Musculoskeletal System Problems among School-Going Children. Indian J Pediatr. 2021 Sep;88(9):928. doi: 10.1007/s12098-021-03807-4. Epub 2021 Jun 18. PMID: 34145562.
- iv. Rangasamy K, Neradi D, Gopinathan NR, Gandhi KA, Sodavarapu P. Efficacy of antifibrinolytics in reducing blood loss during hip reconstruction surgery in cerebral palsy children. A systematic review and meta-analysis. J Clin Orthop Trauma. 2021 Jun 29;20:101488. doi: 10.1016/j.jcot.2021.101488. PMID: 34277342; PMCID: PMC8267494.
- v. Sodavarapu P, Sudesh P, Gopinathan NR, Jayashree M, Kumar P, Rangasamy K. Characteristics of Musculoskeletal Involvement in Pediatric Patients with Disseminated Sepsis in a Tertiary Care Center. Indian J Orthop. 2021 Aug 21:1-8. doi: 10.1007/s43465-021-00488-1. Epub ahead of print. PMID: 34456342; PMCID: PMC8380016.
- vi. Madaan P, Gopinathan NR, Saini L, Chauhan A, Singh H, Kumar N, Sahu JK. Evaluation of a Customized 3D Printed ORGAN-Hand Orthotic Device for Unilateral Cerebral Palsy: a Pilot Study. Indian J Pediatr. 2021 Sep;88(9):912-914. doi:

10.1007/s12098-021-03859-6. Epub 2021 Jul 5. PMID: 34227047: PMCID: PMC8256949.

(b) Book

 "Clinical orthopedic examination of a child." 2021, Editor: Nirmal Raj Gopinathan. Publishers – CRC Press, Taylor & Francis group, Boca Raton, FL, First edition.

12. Dr. Rashid Anjum

(a) Awards

- Best Presentation Award Paediatric Session at Asia-Pacific Orthopaedic Association's Annual conference, July 29 to July 31st 2021, Kualalumpur, Malaysia. (Copy attached) Title: Lengthening in Congenital Posteromedial Bowing of Tibia; Outcome and Complications.
- APOA Education Grant winner for 2021. (Letter Attached)
- iii. Asian Travelling Fellowship Award(2020, shifted to 2022 due to Covid pandemic) by Japanese Paediatric Orthopaedic Association.

(b) Publications

- Kumar S, Shah B, Johari A, Anjum R, Garg D, Salhotra R, Tyagi A, Khan AM, Jain AK. Covid-19 Pandemic: Resumption of Orthopedic Care and Medical Education. Indian J Orthop. 2021 Apr 3:55(2):1-10. doi: 10.1007/s43465-021-00379-5.
- ii. Subodh Kumar Pathak, Manish Sethi, Abhijeet Ashok Salunke Praveen Thivari, Rakesh Kumar Gautam, Rashid Anjum, Jasneet Chawla, Aryan Sharma. Is Flexion Gap Rectangular in Native Indian Knees? Results of an MRI Study. Indian J Orthop. 2021, [https://doi.org/10.1007/s43465-021-00418-1]

13. Dr. Ritesh Arvind Pandey

- (a) Varughese AA, Pandey RA, Paul R, John B. Contrasting presentation of solitary scapular osteochondroma: a report of 3 cases and review of literature. Int J Res Orthop 2021;7:148-52.
- (b) Pandey RA, Johari AN. Screening of newborns and infants for developmental dysplasia of hip: A systematic review. IJO 2021. [https://doi.org/10.1007/s43465-021-00409-2]
- (c) Pandey RA, Richa. Triple arthrodesis for equinovarus foot using Ilizarov technique: A retrospective study. J Clin Diagn Res 2021;15(9):RC01-RC06. [DOI:10.7860/JCDR/2021/48274.15393]
- (d) Chand S, Aroojis A, Pandey RA, Johari AN. The Incidence, Diagnosis, and Treatment practices of Developmental Dysplasia of Hip (DDH) in India: A Scoping Systematic Review. IJO 2021. [https://doi.org/10.1007/s43465-021-00526-y]
- (e) Johari AN, Pandey RA, Chand S, Aroojis A. The Evolution of DDH Management in India. IJO 2021. [https://doi.org/10.1007/s43465-021-00537-9]

14. Dr. Sandeep Patwardhan

- (a) Orthopaedic surgeons and covid-19, the fear quotient "What are we really worried about?" D Attarde, S Patwardhan, S Patwardhan, A Shyam, P Sancheti Journal of Clinical Orthopaedics and Trauma 23, 101647
- (b) Tuberculosis of the Cuboid in a 16-Month-Old Child: A Case Report S Patwardhan, V Sodhai, A Sable, A Shyam, P Sancheti JBJS Case Connector 11 (4), e21
- (c) Evaluation of Acetabular Development Following Open Reduction of Developmental Dysplasia of Hip in Children After Walking Age S Patwardhan, A Madegowda, P Sancheti Indian Journal of Orthopaedics, 1-8
- (d) Demographic and Practice Variability Amongst Indian Centres in a Multicentre Prospective Observational Study

- on Developmental Dysplasia of the Hip D Pinto, A Aroojis, H Shah, S Patwardhan, K Venkatadass, C Sahu, Indian Journal of Orthopaedics, 1-9
- (e) Seymour's Fracture in a 13-years-old Child: A Case Report TS Khairnar, SA Patwardhan, VM Sodhai, AK Shyam, PK Sancheti Journal of Orthopaedic Case Reports 11 (5), 45
- (f) Trash Lesions Around the Elbow: A Review of Approach to Diagnosis and Management S Patwardhan, S Omkaram Indian Journal of Orthopaedics, 1-10

15. Dr. Shobit Gupta

- (a) Gin Way Law, MBBS, MRCS(Edin); Dave Lee, MBBS, MMed(Ortho), FRCS(Tr&Ortho), FAMS; Shobhit Gupta, MBBS.,MS (Orth.); James HP Hui, MBBS(S'pore), FRCS(Edin), FAMS(S'pore) Arthroscopic Saucerization and Repair of the Lateral Discoid Meniscus, JPOSNA Volume 3, Number 4, November 2021
- (b) Shobhit Gupta MS Orth. , Anil Agarwal MS Orth. , Mukesh Shanker MS Orth. Calf Circumference in Clubfoot: The Effect of Patient Gender, Age, Laterality and Brace Duration, International Journal of Paediatric Orthopaedics — January-April 2021; 7(1): Page 02-05
- (c) Shobhit Gupta, Anil Agarwal, Current Concepts Review , Bracing in Clubfoot: What is Different in 2021?, Journal of Foot and Ankle Surgery (Asia Pacific) (2021): 10.5005/jp-journals-10040-1172

16. Dr. Shyam Kishan

(a) Cody Shafer, MD, Rajat Mahajan, MS Orthopaedic Surgery, Shyam Kishan, MD, FAAOS, FAOA, EDF Casting for Early Onset Scoliosis What We Learned From 175 Castings, SPINE Volume 45, Number 00, pp 000–000

17. Dr. Suresh Chand

- (a) Usability and Reliability of the Edinburgh Visual Gait Score in Children with Spastic Cerebral Palsy Using Smartphone Slow-Motion Video Technology and a Motion Analysis Application: A Pilot Study. Aroojis, A., Sagade, B. & Chand, S. [https://doi.org/10.1007/s43465-020-00332-y] January 2021, Indian Journal of Orthopaedics.
- (b) Changes in the Foot After Two Years of Deformity Correction in Neglected Clubfeet Treated With Modified Ponseti Technique. July 2021, Cureus, DOI: 10.7759/cureus.16482. Akhil Agnihotri, Suresh Chand, Anil Mehtani, Alok Sud, Siddhartha Sinha, Arvind Kumar
- (c) The Incidence, Diagnosis, and Treatment practices of Developmental Dysplasia of Hip (DDH) in India: A Scoping Systematic Review. Indian Journal of Orthopaedics, 2021, DOI: 10.1007/s43465-021-00526-y. Suresh Chand, Alaric Aroojis. Ritesh Arvind Pandey, Ashok N. Johari.
- (d) The Evolution of DDH Management in India. Indian Journal of Orthopaedics [https://doi.org/10.1007/s43465-021-00537-9] REVIEW ARTICLE. Ashok N. Johari, Ritesh Arvind Pandey, Suresh Chand, Alaric Aroojis.

18. Dr. Taral Nagda

- (a) Book
 - Conceptual Biomechanics and Kinesiology: Authors Animesh Hazari Arun G. Maiya Taral V. Nagda DOI https://doi.org/10.1007/978-981-16-4991-2 Springer, Singapore
- (b) Publications
 - Surya N, Srivastava A, Nagda T, Palande D, Someshwar H. Education, Training, and Practices of Neurorehabilitation in India During the COVID-19 Pandemic. Front Neurol. 2021 Feb 10;12:626399. doi: 10.3389/fneur.2021.626399. PMID:33643202; PMCID: PMC7902936.

- ii. Dhamija RK, Srivastava A, Chauhan S, Shah U, Nagda T, Palande D, Chitnis S, Dantala PS, Solomon JM, Krishnan SM, Someshwar H, Surya N. Consensus Statement on Neurorehabilitation during COVID-19 Times: Expert Group on Behalf of the Indian Federation of Neurorehabilitation (IFNR). Ann Indian Acad Neurol. 2021 Mar-Apr;24(2):138-141. Epub 2021 Mar 22. PMID: 34220054; PMCID: PMC8232470.
- iii. Nagda TV, Vaidya SV, Pinto DA. Chondral Shear Fracture of the Capitellum in Adolescents-A Report of Two Late Diagnosed Cases and a Review of Literature. Indian J Orthop. 2020 Jul 16;54(Suppl 2):403-407. doi:10.1007/s43465-020-00197-1. PMID: 33194111; PMCID: PMC7609598.
- iv. Bhaskar, A., Doshi, C., Nagda, T. et al. "Video Technique on Clinical Tests for DDH": New-Born to Walking Age. JOIO 55, 1596 (2020). https: //doi.org/10.1007/s43465-021-00528-w
- v. Nagda, T., Dhamele, J. Closed Reduction, Arthrogram and Spica Application for DDH. JOIO 55, 1602–1604 (2020). https://doi.org/10.1007/s43465-021-00542-y

19. Dr. Thomas Palocaren

- (a) Palocaren T, Shyamasundar LG, Kandagaddala M, Jennifer A. A rare presentation of primary lymphoma of bone with aneurysmal bone cyst-like changes. Skeletal Radiol. 2021 May; 50(5):1029-1037. doi: 10.1007/s00256-020-03641-3. Epub 2020 Oct 12. PMID: 33044565.
- (b) Ashok A, James D, Gahukamble A, Palocaren T, Madhuri V. Modified Woodward's procedure confers functional improvement in Sprengel's deformity. J Pediatr Orthop B. 2020 Oct 29. doi: 10.1097/BPB.0000000000000818. Epub ahead of print. PMID: 33136795.
- (c) Deeptiman James, Dennis Martin, Anand Kumar, Srijeeth Krishnan, Abhay Gahukamble, Vrisha Madhuri,

- Thambu David, Thomas Palocaren. Elastic stable intramedullary nailing versus Submuscular plating in Paediatric diaphyseal femur fractures: A randomized controlled trial among children in South India JPOB-07-3745R2 (accepted in press)
- (d) Sagar Tontanahal, Gahukamble Abhay Deodas, Deeptiman James, Anand Kurian, Thomas Palocaren. Endoprosthetic reconstruction in limb salvage for Malignant Bone Tumours in Children JOOS-21-1135 Journal of Orthopedics and Orthopedic Surgery.

20. Dr. Venkatadass K

- (a) Isolated anterior lunate facet injury of the distal radius in an adolescent: report of a rare injury. JHS(E), Sep 2021, K Venkatadass, V Durga Prasad, S Rajasekaran
- (b) A Simple Modified Technique for In-Situ Screw Fixation in Slipped Capital Femoral Epiphysis. Indian Journal of Orthopaedics, Feb 21;55(4); 1022-27: K Venkatadass, V Durga Prasad, Chirag Parsana, A Gomathi, S Rajasekaran
- (c) Factors determining loss of reduction in paediatric supracondylar humerus fractures treated by closed reduction and percutaneous pinning. Venkatadass K, Maji M, Sangeet G, Raghavendra K, Rajasekaran S. J Pediatr Orthop B. 2021 Jul 19. doi: 10.1097/BPB.00000000000000899. Epub ahead of print. PMID: 34285159.
- (d) Displaced femoral neck fracture in a child mimicking the retinacular flap technique for capital realignment – a case report, JBJS Case Connect 2021 Feb 24;11(1): doi : 10.2106/JBJS.CC.20.00609. K Venkatadass, K Saikrishna, S Raiasekaran
- (e) Controlled Repositioning and Primary Osteoplasty as a treatment option for Unstable Slipped Capital Femoral Epiphysis. K Venkatadass, V DurgaPrasad, Sangeet Gangadharan, S Rajasekaran (accepted and proof read – Journal of Paediatric Orthopaedics - B)

- (f) Short-Term Outcomes of Treatment in children presenting with DDH in the walking age an analysis of 84 hips; K Venkatadass, Deepak Jain, V Durga Prasad, S Rajasekaran (accepted and proof read – Journal of Clinical Orthopaedics and Trauma)
- (g) Bilateral unstable severe valgus slipped capital femoral epiphysis: A case report . K Venkatadass, V Durga Prasad, Deepak Jain, S Rajasekaran (accepted and proof read – JBJS.CC)

21. Dr. Vidyasagar Chandrakere

- (a) Bizarre Parosteal Osteochondromatous Proliferation (Nora Lesion) in Upper and Lower Limbs: A Report of Three Cases and Review of Literature Maryada Venkateshwar Reddy , Anjaneyulu Kandukuri , Vidyasagar Chandankere , Vinay Mathew Joseph , Annappareddy Venkata Gurava Reddy Journal of Orthopaedic Case Reports 2021 February: 11(2)
- (b) Controversies in the management of pediatric neck femur fractures- a systematic review, Vidyasagar Chandankere, Hitesh Shah, Journal of Orthopaedics, Volume 27,2021, Pages 92-102, ISSN 0972-978X, [https://doi.org/10.1016/j.jor.2021.08.014]. https://www.sciencedirect.com/science/article/ pii/S0972978X21001963

22. Dr. Vivek Singh

- (a) Singh V, Hayes HV, Kazemi N, Dey S, Parikh SN. The Holstein-Lewis humerus shaft fracture in children: are they different from adults? J Pediatr Orthop B. 2021 May 20. doi: 10.1097/BPB.0000000000000863.
- (b) Singh V, Garg V, Parikh SN. Management of Physeal Fractures: A Review Article. Indian J Orthop. 2021 Jan 13;55(3):525-538. doi: 10.1007/s43465-020-00338-6.
- (c) Chaudhary S, Garg V, Mishra D, Yasam R, Barik S, Sinha SK, Singh V .Risk Factors for Avascular Necrosis of the Femoral Head in Pediatric Femoral Neck Fractures. Cureus. 2021; 13(7): e16776. [doi:10.7759/cureus.16776]

- (d) Barik S, Singh G, Maji S, Azam M, Singh V. Preoperative prediction of Gartland IV supracondylar fractures of humerus:Is it possible? Brasileira de Ortopedia.2021;56(2):230-4.DOI: 10.1055/s-0040-1722578
- (e) Barik S, Das L, Yadav AK, Arora SS, Singh V. Results of ala carte Posteromedial Soft Tissue Release in Idiopathic Clubfoot. Malays Orthop J. 2021 Jul;15(2):89-95. doi: 10.5704/MOJ.2107.013
- (f) Singh V, Garg V, Chaudhary S, Kalia RB, Meena P, Dhingra M et al. Paradigm Shift in Orthopedic Residency Training in Times of Covid-19 Pandemic: Experience of an Indian Teaching Institute. Asian Journal of Medical Research.2021;10(1)
- (g) Tripathi AK, Choudhary S, Singh V, Verma PK. Genetic Association and Role of Surgery for the Treatment of Lower Limb Deformities in Diastrophic Dysplasia: A Case Report. Journal of Orthopaedic Case Reports 2021 February;11(2): 81-85.

CHAPTER 12. PUBLICATIONS, AWARDS AND HONORS

POSICON 2022

Rajiv Negandhi

13.1 Dates, Venue

Dates- 14/15/16 Jan 2022 Venue - Hotel Sayaji, Kolhapur

13.2 Update

As we are nearing the conference dates, excitement for this event is rising. We are sure everyone is waiting to catch up with POSI family after two long years. The preparations for the conference are going well and the academic program is ready. The Theme of the conference is Techniques in Pediatric Orthopedic Surgery. We have A basic CME on pediatric trauma and advanced CME on limb lengthening and Osteogenesis Imperfecta. Apart from these CMEs, we have excellent technique-based sessions on Paediatric Hand , Hip, Cerebral Palsy.

13.3 Special in POSICON

For the first time we have included a session on Counselling which will help decrease the gap between Doctor and Patients.

Registration Status

We are glad to inform you that we have already crossed 185 registrations and 90 papers and posters submission for the conference.

COVID Protocols & Safety

Please be assured that we will be following all the norms of COVID-19 outbreak to keep everyone safe and sound. We are excited to welcome you to Kolhapur!!! See you soon !!!

Registration Link

Attaching the link for the registration. For online registrations click on the following URL: https://www.eventavenue.com/bookingengine/EVT8828

For more information...

For more information please login to www.posi.co.in

