



Presents



**Silver Jubilee Conference of
Paediatric Orthopaedic Society of India**
Come Curious - Leave Inspired!

**JANUARY 3 - 6, 2019
RENAISSANCE MUMBAI CONVENTION CENTRE HOTEL,
MUMBAI, INDIA**



**SCIENTIFIC
PROGRAM**

Supported By:



EPOS
European Paediatric Orthopaedic Society



POSNA
Paediatric Orthopaedic Society of North America



**BOMBAY
ORTHOPAEDIC
SOCIETY**



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ABOUT POSI

The Paediatric Orthopaedic Society of India was inaugurated in Mumbai in 1994. The objectives were to get together professionals interested in pediatric orthopaedics on a common platform and to serve as an academic body for facilitating exchange of knowledge and technology relevant to pediatric orthopaedics.

The Society has taken firm roots and is thriving. Each annual conference has been good in scientific content and the deliberations have been very rewarding. The POSI has become a member of IFPOS (The International Federation of Paediatric Orthopaedic Societies) and has also been granted affiliation to the Pediatric Orthopaedic Society of North America. Our links with Paediatric Orthopaedic Surgeons from around the world have grown further with guest lecturers from USA, UK, Australia, Switzerland, New Zealand, Japan, Israel, South Korea and Singapore attending our annual meetings over the last twenty four years. We have been represented on the Editorial Boards of the JPO and the JPO-B. A few articles from our members have been published in international journals.

The POSITIVE has been used as the official vehicle for transmitting information on recent trends in the field of Paediatric Orthopaedics to its members. Each issue of POSITIVE has included abstracts of selected articles which the Editors felt may be of practical use to the members.

It is now time for us to strive to improve the quality of Paediatric Orthopaedic care across the country. In order to achieve this aim it is essential that more well established centers of Paediatric Orthopaedics start short term training programmes. Formation of study groups for collaborative clinical research is another urgent area of need. A concerted effort in this direction should be our immediate aim.

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EC Member (North Zone): **Dr. Sanjay Sarup**

EC Member (West Zone): **Dr. Dhiren Ganjwala**

EC Member (East Zone): **Dr. Anirban Chatterjee**

INTERNATIONAL FACULTY



Dr. Alain Dimeglio
Orthopaedic Surgeon,
University of Montpellier
Montpellier,
Cedex, France

Fields of Interest:
Growth & Bone Age,
Clubfoot



Dr. Antonio Andreacchio
Chairman, Paediatric
Orthopaedic Dept.,
Regina Margherita
Children's Hospital,
Turin, Italy

Fields of Interest: Trauma,
Cerebral Palsy, Clubfoot,
Tumours, Rare Diseases



Dr. Dan Sucato
Chief of Staff, Texas Scottish
Rite Hospital for Children,
University of Texas
Southwestern Medical
Center, Dallas, TX, USA

Fields of Interest:
Spinal Deformity,
Hip Preservation



Dr. Darko Anticevic
Senior Consultant,
Paediatric Orthopaedic Unit,
Zagreb Children's Hospital,
Zagreb, Croatia
Immediate Past President,
European Paediatric
Orthopaedic Society (EPOS)

Fields of Interest:
Metabolic Bone Disease,
Skeletal Dysplasias



Dr. Deborah Eastwood
Consultant Orthopaedic
Surgeon,
Great Ormond Street
Hospital & Royal National
Orthopaedic Hospital,
London, UK

Fields of Interest:
Paediatric Hip, Genetic &
Metabolic Disorders



Dr. Dror Paley
Medical Director, Paley
Orthopaedic & Spine
Institute at St. Mary's
Medical Center,
West Palm Beach, FL, USA
President, International
Limb Lengthening &
Reconstruction Society
(ILLRS)

Fields of Interest:
Deformity Correction, Limb
Reconstruction & Lengthening,
Joint Preservation



Dr. Federico Canavese
Head,
Paediatric Surgery Dept.,
University Hospital of
Clermont Ferrand,
France

Fields of Interest: Spinal
Growth, Cerebral Palsy,
Clubfoot, Paediatric Trauma



Dr. Freeman Miller
Emeritus Prof. &
Past Director,
Gait Analysis Lab, Nemours /
A. I. DuPont Hospital
for Children,
Wilmington, DE, USA

Fields of Interest:
Cerebral Palsy, Gait Analysis



Dr. George Thompson
Director, Paediatric
Orthopaedics Rainbow Babies
& Children's Hospital and Case
Western Reserve University
Cleveland, Ohio, USA
President, IFPOS
(International Federation of
Paediatric Orthopaedic
Societies)

Fields of Interest: Paediatric
Spine, Perthes Disease



Dr. Harry Kim
Director, Research &
Center for Excellence in Hip
Disorders, Texas
Scottish Rite Hospital for
Children, Dallas, TX, USA

Fields of Interest: Research,
Perthes Disease



Dr. James Hui Hoi Po
Professor, Dept. Of
Orthopaedic Surgery,
Yong Loo Lin School of
Medicine & National
University Hospital,
Singapore

Fields of Interest:
Musculoskeletal Stem Cells &
Tissue Engineering,
Reconstructive Surgery,
Paediatric Sports Injuries &
Patellar Instability



Dr. Jaroslaw Czubak
Assoc. Prof., Medical Center
for Postgraduate Education
Warsaw, Poland
President, European
Paediatric Orthopaedic
Society

Fields of Interest: Paediatric
Hip, Hip Arthroplasty for
Paediatric Hip Disorders

INTERNATIONAL FACULTY



Dr. John (Jack) Flynn
Chief of Orthopaedic Surgery,
The Children's Hospital of Philadelphia, PA, USA

Fields of Interest: Paediatric Spine Deformity, Paediatric Trauma, Hip, Cerebral Palsy



Dr. Jon Davids
Asst. Chief of Orthopaedics & Medical Director, Motion Analysis Lab, Shriners Hospital for Children, Northern California, CA, USA

Fields of Interest: Cerebral Palsy, Gait Analysis



Dr. Keenan Joseph
Past-Director of Orthopaedics Alyn Children's Rehabilitation Hospital, Jerusalem, Israel

Fields of Interest: DDH, Cerebral Palsy, Spina Bifida, Congenital Anomalies



Dr. Kishore Mulpuri
Associate Professor, Dept. of Orthopaedics, BC Children's Hospital & University of British Columbia, Vancouver, Canada

Fields of Interest: Paediatric Hip, Cerebral Palsy, Research



Dr. Leo Donnan
Clinical Assoc. Prof, University of Melbourne & Orthopaedic Surgeon, Royal Children's Hospital, Melbourne, Australia

Fields of Interest: Bone Tumours, Limb Reconstruction, Paediatric Hip Disorders



Dr. Mihir Thacker
Paediatric Orthopaedic Surgeon & Orthopaedic Oncologist Nemours / A.I. DuPont Hospital for Children, Wilmington, DE, USA

Fields of Interest: Bone & Soft Tissue Tumours, Paediatric Hip Disorders, Limb Lengthening & Deformity Correction, Skeletal Dysplasias



Dr. Peter Newton
Chief of Orthopaedic Surgery, Rady Children's Hospital, San Diego, CA, USA
President, Scoliosis Research Society (SRS)

Field of Interest: Scoliosis



Dr. Peter Waters
Orthopaedic Surgeon-in-Chief, Director, Hand & Upper Extremity Surgery Program, Boston Children's Hospital & Harvard Medical School, Boston, MA, USA

Fields of Interest: Hand & Upper Extremity Surgery, OBPP



Dr. Sanjeev Sabharwal
Paediatric Orthopaedic Surgeon, Benioff Children's Hospital, Oakland, San Francisco, CA, USA

Fields of Interest: Limb Reconstruction, Paediatric Trauma



Mr. Selvadurai Nayagam
Consultant in Orthopaedic Surgery & Trauma, Royal Liverpool Children's Hospital NHS Foundation Trust, Alder Hey, Liverpool, UK
President, British Limb Reconstruction Society

Field of Interest: Limb Reconstruction



Dr. Shital Parikh
Professor of Orthopaedic Surgery, Dept. of Pediatric Orthopaedics, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, USA

Fields of Interest: Paediatric Trauma, Paediatric Sports



Dr. Shyam Kishan
Medical Director, Paediatric Orthopaedics & Trauma, Medical City Dallas Children's Hospital, Dallas, TX, USA

Fields of Interest: Scoliosis, Paediatric Trauma

INTERNATIONAL FACULTY



Dr. Steven Frick

Chief, Pediatric Orthopaedic Surgery Lucile Packard Children's Hospital & Stanford University School of Medicine, CA, USA

President, Pediatric Orthopedic Society of North America (POSNA)

Fields of Interest: Clubfoot, Foot & Ankle Disorders, DDH, Paed Trauma, Graduate Medical Education



Dr. Tae-Joon Cho

Professor, Department of Orthopaedic Surgery, Seoul National University, Seoul, Korea

Fields of Interest: Genetic and Metabolic Bone Diseases. Clinical Outcome Study of Paediatric Hip, Foot, and Limb Deformity



Dr. Theodore Ganley

Director of Sports Medicine, Children's Hospital of Philadelphia, PA, USA

Field of Interest: Paediatric Sports Injuries



Dr. Vidyadhar Salil Upasani

Clinical Assistant Professor, Rady Children's Hospital, San Diego, CA, USA

Fields of Interest: DDH, Hip Preservation, Scoliosis



Dr. Vincent Mosca

Professor, University of Washington School of Medicine

Director, Foot & Ankle Service, Seattle Children's Hospital, Seattle, Washington, USA

Fields of Interest: Paediatric Foot Deformities



Dr. William Mackenzie

Chairman, Dept. of Orthopaedic Surgery Shands/MacEwen Endowed Chair, Nemours, Alfred I. DuPont Hospital for Children Wilmington, DE, USA

Fields of Interest: Skeletal Dysplasias, Limb Lengthening & Deformity Correction, Muscle Disorders in Children

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Dr. Zhao Li (China)
Dr. Sarwar Salaam (Bangladesh)
Dr. Sunil Wijayasinghe (Sri Lanka)

PROGRAM AT A GLANCE

ICLs: Day 1

Thursday, January 3, 2019

08:00 - 09:30 am	Meet the Gurus Session for in-house delegates
10:00 am	Start of POSICON 2019
10:00 - 01:00 pm	Instructional Course Lectures (ICLs): 1 - 6 in 3 halls simultaneously
01:00 - 02:00 pm	Lunch
02:00 - 07:00 pm	Instructional Course Lectures (ICLs): 7 - 15 in 3 halls simultaneously
07:00 pm onwards	Dinner for Faculty & Residential Delegates only

ICLs: Day 2

Friday, January 4, 2019

08:00 - 01:00 pm	Instructional Course Lectures (ICLs): 16 - 24 in 3 halls simultaneously
01:00 - 02:00 pm	Lunch
02:00 - 05.15 pm	Instructional Course Lectures (ICLs): 25 - 30 in 3 halls simultaneously
05:15 - 06:00 pm	Best Poster Session for Top 10 Posters
06:00 pm onwards	Inauguration & Dinner on the lawns for all Delegates

Main Conference: Day 1

Saturday, January 5, 2019

08:00 - 01:00 pm	Conference in Grand Ballroom
01:00 - 02:00 pm	Lunch
02:00 - 06:00 pm	Conference in Grand Ballroom
06:00 - 07:00 pm	POSI AGBM (for POSI Members only)
07:00 pm onwards	Conference Banquet for all Delegates

Main Conference: Day 2

Sunday, January 6, 2019

08:00 - 01:00 pm	Conference in Grand Ballroom
01:00 - 02:00 pm	Valediction & Awards distribution / Lunch

Post Conference: Day 1


Sunday, January 6, 2019

02:00 - 07:00 pm	Dror Paley Course: Lectures
02:00 - 07:30 pm	Spine Master Class with Peter Newton
08.00 pm onwards	Fellowship & Dinner

Post Conference: Day 2

Monday, January 7, 2019

08:00 - 12.30 pm	Dror Paley Course: Lectures
12:30 - 01:30 pm	Lunch
01:30 - 03:30 pm	Dror Paley Course: Lectures



In the Silver Jubilee Year, POSICON 2019 presents encapsulated learning experience in the form of Instructional Course Lectures (ICLs) which are included in the registration fees. Each ICL will be presented by International Masters in the field along with POSI faculty. There will be 30 ICLs in 3 halls in the pre-conference days (3rd & 4th January). Each delegate can select ANY 5 ICLs of their choice each day.

INSTRUCTIONAL COURSE LECTURES (ICLs)

INSTRUCTIONAL COURSE LECTURES (ICLS)

DAY 1: THURSDAY, JANUARY 3, 2019

08.00 am - 09.30 am 'MEET THE GURUS' FOR IN-HOUSE DELEGATES
(30 MINS EACH SPEAKER + 15 MINS DISCUSSION)

08.00 am - 08.45 am Paediatric foot biomechanics & principles of assessment and management: Dr. Vincent Mosca

08.45 am - 09.30 am Growth & its implications: Dr. Alain Dimeglio

10.00 am - 07.00 pm INSTRUCTIONAL COURSE LECTURES (ICLS)

	HALL A (EPOS HALL)	HALL B (APPOS HALL)	HALL C (POSNA HALL)
10.00 am - 11.30 am	ICL1: Common Office Problems in Children Dr. Antonio Andreacchio, Dr. Deborah Eastwood, Dr. N. K. Das, Dr. V. V. J. Somaraju, Dr. Rajeev Negandhi	ICL 2: Advanced Bone Tumors in Children Dr. Leo Donnan, Dr. Mihir Thacker, Dr. Manish Agarwal, Dr. Shah Alam	ICL 3: Complex Paediatric Trauma Dr. Peter Waters, Dr. Durai Nayagam, Dr. John Mukhopadhaya, Dr. Sandeep Patwardhan
11.45 am - 01.15 pm	ICL 4: Basic Cerebral Palsy Dr. Federico Canavese, Dr. Jon Davids, Dr. S. P. Das, Dr. Sanjay Sarup, Dr. Jitendra Jain	ICL 5: Approach to a child with Skeletal Dysplasia Dr. Will Mackenzie, Dr. Tae-Joon Cho, Dr. L. J. Ramesh, Dr. Farokh Wadia, Dr. Amit Nemade	ICL 6: Adolescent Idiopathic Scoliosis Dr. Dan Sucato, Dr. Peter Newton, Dr. K. Sriram, Dr. Abhay Nene
02.00 pm - 03.30 pm	ICL 7: Metabolic Bone Disease Dr. Darko Anticevic, Dr. Deborah Eastwood, Dr. Binu Kurian, Dr. Kapil Gangwal	ICL 8: Paediatric Sports Injuries Dr. Theodore Ganley, Dr. Shital Parikh, Dr. Dominic D'silva, Dr. Shreyash Gajjar	ICL 9: Neuromuscular Upper Limb Dr. Peter Waters, Dr. Freeman Miller, Dr. B. D. Athani, Dr. Maulin Shah
03.45 pm - 05.15 pm	ICL 10: Basic Pelvic Osteotomies Dr. Jaroslaw Czubak, Dr. Salil Upasani, Dr. Ramani Narasimhan, Dr. S. R. Bala, Dr. Ranjit Deshmukh	ICL 11: Post-Osteomyelitis Reconstruction Dr. Leo Donnan, Dr. Durai Nayagam, Dr. Milind Chaudhary, Dr. Ruta Kulkarni	ICL 12: Advanced Cerebral Palsy Management Dr. Freeman Miller, Dr. Jon Davids, Dr. Dhiren Ganjwala, Dr. T. S. Gopakumar, Dr. Abhay Gahukamble
05.30 pm - 07.00 pm	ICL 13: Approach to a Limping Child Dr. Deborah Eastwood, Dr. Federico Canavese, Dr. Gopinath Menon, Dr. Kirti Ramnani, Dr. Swapnil Keny	ICL 14: Detection & Early Management of DDH Dr. Kishore Mulpuri, Dr. Salil Upasani, Dr. Keenan Joseph, Dr. Emily Schaeffer, Dr. Javed Iqbal, Dr. Samir Desai	ICL 15: 2D & 3D Gait Analysis for the Practicing Orthopaedist Dr. Jon Davids, Dr. Freeman Miller, Dr. Jayanth Sampath, Dr. Chasanal Rathod

07.00 pm - 10.00 pm FACULTY DINNER (BY INVITATION ONLY) / DINNER FOR RESIDENTIAL DELEGATES

COMMON OFFICE PROBLEMS IN CHILDREN



FACULTY



Dr. Antonio Andreacchio



Dr. Deborah Eastwood



Dr. N. K. Das



Dr. Vegiraju Somaraju



Dr. Rajiv Negandhi

Educational Objectives

An overview of the types of 'problems' that can present to you due to parental concern over their child's gait / function / leg shape etc. The trick is to decide what is a problem to you as an orthopaedic surgeon and recognize what needs treating and what needs simple reassurance. The aim is to prevent over-investigation and over-treatment of these common problems.

1. Discuss more frequent problems in an office practice.
2. Discuss a miscellany of very frequent diseases that a paediatric orthopaedic and a paediatrician have to front daily during their clinical practice.
3. Discuss advantages and contraindications in the treatment. Distinguish between pathologic and physiologic aspects of some frequent clinical aspects.

Target Audience

This ICL will be of interest to any orthopaedic surgeon and / or paediatrician involved in the daily practice to front several aspects in a child from an orthopaedic point of view.

Upon completion of this instructional course, delegate shall:

1. Distinguish between physiologic and pathologic aspect of many borderline problems facing in a clinic.
2. Tips and tricks in order to obtain a correct diagnosis of the most common pediatric lower limbs aspects.
3. Learn how to stay out of trouble while visiting a kid and how to properly make the picture of the situation.

Programme

TIME	TOPIC	FACULTY
10:00 am - 10:05 am	Introduction / Overview <ul style="list-style-type: none"> • To discuss the borderlines between • Normal / abnormal • Physiological / pathological <ul style="list-style-type: none"> • 'Something or nothing' 	Dr. Deborah Eastwood
10:05 am - 10:15 am	In-toeing and Out-toeing <ul style="list-style-type: none"> • Femoral neck version • Tibial torsion • Foot deformities 	Dr. Antonio Andreacchio
10:15 am - 10:22 am	Bow Legs and Knock Knees <ul style="list-style-type: none"> • Right age for the deformity you see? • Associated with torsional problems or not 	Dr. Rajiv Negandhi

COMMON OFFICE PROBLEMS IN CHILDREN



TIME	TOPIC	FACULTY
10:22 am - 10:29 am	Tip Toe Gait <ul style="list-style-type: none"> • Unilateral vs Bilateral • Idiopathic or neurological • Underlying congenital abnormality? 	Dr. Deborah Eastwood
10:29 am - 10:36 am	Flat Feet <ul style="list-style-type: none"> • Flexible or not • Symptomatic or not • A worry or not? 	Dr. Antonio Andreacchio
10:36 am - 10:43 am	Hypermobility <ul style="list-style-type: none"> • When are joints too loose/lax? • Is it normal or a 'syndrome'? 	Dr. V. V. J. Somaraju
10:43 am - 10:50 am	Crooked Spines <ul style="list-style-type: none"> • Torticollis • Lumbar Kyphosis • Congenital Scoliosis • Leg length differences 	Dr. Rajiv Negandhi
10:50 am - 10:55 am	Toe problems to be wary of <ul style="list-style-type: none"> • Short Metatarsals • Hallux Varus • Over riding toes 	Dr. VVJ Somaraju
10:55 am - 11:00 am	Lumps and Bumps <ul style="list-style-type: none"> • Ganglia • Osteochondromas • Costochondral Junctions • Vascular Malformations 	Dr. N. K. Das
11:00 am - 11:15 am	Case based discussion Moderator: Dr. Antonio Andreacchio	Dr. Deborah Eastwood
11:15 am - 11:25 am	Q & A: Interactive discussion with the audience	All Faculty
11:25 am - 11:30 am	Conclusions	Dr. Deborah Eastwood & Dr. Antonio Andreacchio

ADVANCED BONE TUMORS IN CHILDREN

APPOS



HALL

FACULTY



Dr. Mihir Thacker



Dr. Leo Donnan



Dr. Manish Agarwal



Dr. Shah Alam Khan

Aim

- To carefully and considerably workup potentially malignant bone lesions.
- To understand the importance of biological reconstruction in children after tumour resection.
- Understand the implications of Osteochondromas.

Target Audience

This ICL is directed to the generalist paediatric orthopaedic surgeon who wants to refresh their knowledge of management of malignant bone tumours and the most common bony lesion - Osteochondroma.

Programme

TIME	TOPIC	FACULTY
10:00 am - 10:15 am	Workup and management of pathologic fractures	Dr. Manish Agarwal
10:15 am - 10:30 am	What not to do in paediatric bone tumors	Dr. Shah Alam Khan
10:30 am - 10:45 am	Biological reconstruction in children after tumour resection	Dr. Leo Donnan
10:45 am - 11:00 am	Multiple hereditary Osteochondromatosis - Current and controversial	Dr. Mihir Thacker
11:00 am - 11:30 am	Case-based presentations	

COMPLEX TRAUMA - NONUNION AND MALUNION



FACULTY



Dr. Peter Waters



Dr. Durai Nayagam



Dr. John Mukhopadhaya



Dr. Sandeep Patwardhan

It is an often-carried assumption that in young children, the capacities of fracture healing and subsequent remodelling are such that complications are uncommon. And yet, the subject of non-union and malunion is well established for children's fractures. We associate these complications to specific fractures and with older children but there are common threads which link non-unions in children to those that occur in older adolescents and even adults. In addition to exposing these common elements, specific fracture problems will be covered, from the common (lateral condyle and supracondylar) to the less common (femoral neck).

This ICL will provide the orthopaedic surgeon who deals with children's fractures important pointers for avoiding these complications and, when faced with them, how best to solve them.

Aim

- To develop an awareness of elements that lead to non-unions in children's fractures.
- To learn of treatment strategies for some uncommon and common non-unions.
- To revisit the indications for treating malunions in some children's fractures.

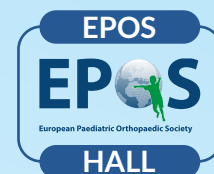
Target Audience

Any orthopaedic surgeon dealing with simple and complex children's fractures and their complications.

Programme

TIME	TOPIC	FACULTY
10:00 am - 10:15 am	Non-unions in children's limb fractures - Common causes and how to avoid them	Dr. Durai Nayagam
10:15 am - 10:30 am	Non-union of femoral neck fractures	Dr. Sandeep Patwardhan
10:30 am - 10:45 am	Non-union of lateral condyle fractures of the humerus	Dr. John Mukhopadhaya
10:45 am - 11:00 am	Malunion of the supracondylar fracture of the humerus – Boundaries of acceptability and techniques for correction	Dr. Peter Waters
CASE-BASED PRESENTATIONS		
11:00 am - 11:10 am	Intra articular / Physeal malunion lower femur	Dr. Sandeep Patwardhan
11:10 am - 11:20 am	Cozen's phenomenon in the tibia	Dr. John Mukhopadhaya
11:20 am - 11:30 am	Diaphyseal fracture malunion of forearm fractures	Dr. Peter Waters

BASIC CEREBRAL PALSY



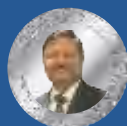
FACULTY



Dr. Federico Canavese



Dr. Jon Davids



Dr. Jitendra Jain



Dr. S. P. Das



Dr. Sanjay Sarup

Aim / Objectives

Each child with Cerebral Palsy (CP) is absolutely unique and the professionals looking after the child must provide an evaluation of his or her very specific situation. The goal oriented management concept enables the identification of functional disorders in the child, and enables the optimization of adaptation to his or her environment, despite the disabilities.

The objectives of this ICL is to provide the attendees the basic concepts of goal oriented management of children with CP as well as of observational gait analysis, and what are the necessary checks-ups to be done and what other surgical and non-surgical measures needs to be planned to manage lower extremity disorders of children with CP.

Programme

TIME	TOPIC	FACULTY
11:45 am - 11:50 am	INTRODUCTION Overview, introduction to GMFCS	Dr. Federico Canavese / Dr. Jon Davids
11:50 am - 12:00 pm	OBSERVATIONAL GAIT ASSESSMENT Technique using videography	Dr. Jon Davids
12:00 pm - 12:10 pm	HIP SCREENING: GUIDELINES AND PRACTICE Evidence, guidelines, implementation	Dr. Federico Canavese
12:10 pm - 12:20 pm	BOTULIN TOXIN - INDICATIONS AND LIMITS Evidence, indications, pitfalls	Dr. S. P. Das
12:20 pm - 12:35 pm	SOFT TISSUE SURGERY TO IMPROVE GAIT - INDICATIONS AND TECHNIQUES Iliopsoas lengthening, hamstring lengthening, gastrosoleus lengthening	Dr. Jitendra Jain
12:35 pm - 12:50 pm	SKELETAL SURGERY TO IMPROVE GAIT Femoral rotation osteotomy, tibial rotation osteotomy, foot osteotomies / arthrodeses	Dr. Sanjay Sarup
12:50 pm - 01:00 pm	CLINICAL DECISION MAKING - THE DIAGNOSTIC MATRIX Decision making and dose of surgery concepts	Dr. Jon Davids
01:00 pm - 01:05 pm	SINGLE EVENT MULTILEVEL SURGERY - WHY DO SURGERY AT ONCE? Evidence from the literature	Dr. Federico Canavese
01:05 pm - 01:15 pm	QUESTIONS FROM THE AUDIENCE	All Faculty

APPROACH TO A CHILD WITH SKELETAL DYSPLASIA

APPOS



HALL

FACULTY



Dr. William Mackenzie



Dr. Tae-Joon Cho



Dr. Ramesh Jadhav



Dr. Amit Nemade



Dr. Farokh Wadia

Aim and objectives

To improve understanding of a complex subject.

What a delegate can expect?

Be able to clinically evaluate, differentiate, make timely appropriate investigations and diagnose, manage the skeletal manifestations, and make appropriate referrals as necessary.

Who is the target audience?

This is an advanced ICL and is mainly aimed at Paediatric Orthopaedic Surgeons

Format

Mix of lectures and case presentations.

USP

International faculty with a wide experience in the field.

Programme

TIME	TOPIC	FACULTY
11:45 am - 11:55 am	Clinico-radiological puzzle	Dr. Farokh Wadia
11:55 am - 12:05 pm	Genetic boom in skeletal dysplasia	Dr. Amit Nemade
12:05 pm - 12:20 pm	Management of spine deformity	Dr. William Mackenzie
12:20 pm - 12:35 pm	Management of limb Deformity	Dr. Tae-Joon Cho
12:35 pm - 12:50 pm	Management of joint problems	Dr. Ramesh Jadhav
12:50pm - 01:15 pm	Interesting cases	

AIS - EVALUATION AND MANAGEMENT



FACULTY



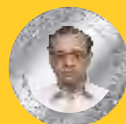
Dr. Dan Sucato



Dr. Peter Newton



Dr. Abhay Nene



Dr. Sriram Krishnaswamy

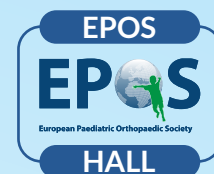
Aim

This ICL is designed for the general orthopedist as well as the paediatric spine specialist. Adolescent Idiopathic Scoliosis is common in the population (2-3%) and this ICL will provide foundational knowledge to understand the evaluation of the patient and the natural history of the condition. Particular attention will be directed at the non-operative and operative methods for treating AIS. The ICL will consist of didactic lectures and case-based panel discussion highlighting decision-making and regional challenges.

Programme

TIME	TOPIC	FACULTY
11:45 am - 12:30 pm	Didactic lectures Moderator: Dr. Peter Newton	
11:45 am - 11:52 am	Diagnosis, etiology and natural history of Adolescent Idiopathic Scoliosis	Dr. Peter Newton
11:52 am - 11:59 am	Bracing indications and outcomes	Dr. Dan Sucato
11:59 am - 12:06 pm	Tethering growth	Dr. Peter Newton
12:06 pm - 12:15 pm	Posterior fusion level selection	Dr. Sriram Krishnaswamy (7 min) / Dr. Peter Newton (2 min)
12:15 pm - 12:24 pm	Posterior fusion technical considerations	Dr. Abhay Nene (7 min) / Dr. Dan Sucato (2 min)
12:24 pm - 12:30 pm	Minimizing complications, focus on safety	Dr. Dan Sucato
12:30 pm - 12:45 pm	Q&A	
12:45 pm - 01:15 pm	Case based panel discussion Moderator: Dr. Dan Sucato Panel: Dr. Peter Newton, Dr. Abhay Nene, Dr. Sriram Krishnaswamy	

METABOLIC BONE DISEASE



FACULTY



Dr. Darko Anticevic



Dr. Deborah Eastwood



Dr. Binu Kurian



Dr. Kapil Gangwal

Introduction

Do you recall the time when you looked at an x-ray of a child in your clinic which didn't quite seem normal and were left wondering about the diagnosis? Metabolic bone diseases in children is one such area which often gets overlooked in clinical practice. We all deal with it on a day-to-day basis, but often possess only a working knowledge of the diseases. This ICL on metabolic bone diseases will help you bridge that gap and bring you up-to-date with the commonly encountered metabolic bone pathologies encountered in pediatric orthopedics. It will be of interest to Paediatricians, General Orthopedic Surgeons in addition to Paediatric Orthopedic Surgeons. At the end of the session, you would have learnt from the experts in the field, how to work up and manage a child with Rickets, what's the current thinking on Osteogenesis Imperfecta and get updated on the less often encountered and very challenging Mucopolysaccharidosis.

Programme

TIME	TOPIC	FACULTY
11:45 am - 12:30 pm	DIDACTIC LECTURES	
02:00 pm - 02:10 pm	SESSION 1: INTRODUCTION TO THE COURSE Understanding the borderlines between Metabolic Bone Disease and Skeletal Dysplasia	Dr. Deborah Eastwood
02:10 pm - 02:40 pm	SESSION 2: RICKETS	Dr. Darko Anticevic, Dr. Deborah Eastwood, Dr. Kapil Gangwal
02:10 pm - 02:18 pm	How to work up a child with Rickets? Making sense of the biochemistry	Dr. Darko Anticevic
02:18 pm - 02:25 pm	Contemporary medical management in Rickets - What to supplement and for how long?	Dr. Kapil Gangwal
02:25 pm - 02:35 pm	Growth Modulation V/s Osteotomy in Rickets - Outcomes and challenges in surgical management. Solving the conundrum	Dr. Deborah Eastwood
02:35 pm - 02:40 pm	Discussion	
02:40 pm - 02:50 pm	SESSION 3: CLINICAL CASE DISCUSSION	All Faculty
02:50 pm - 03:20 pm	SESSION 4: OSTEOGENESIS IMPERFECTA	Dr. Darko Anticevic, Dr. Binu Kurian
02:50 pm - 02:55 pm	Is it really OI? Conditions that mimic OI, confirming the diagnosis	Dr. Darko Anticevic

TIME	TOPIC	FACULTY
02:55 pm - 03:03 pm	Medical management current protocol - How to monitor the child with OI?	Dr. Binu Kurian
03:03 pm - 03:15 pm	State-of-the-art surgical management of OI - Tips and tricks for managing complications	Dr. Darko Anticevic
03:15 pm - 03:20 pm	Discussion	
03:20 pm - 03:30 pm	SESSION 5: MPS (MUCOPOLYSACCHARIDOSIS) Rare but not to be missed - Navigating through the diagnostic maze	Dr. Deborah Eastwood
03:30 pm - 03:40 pm	SESSION 6: CLINICAL CASE DISCUSSION	All Faculty

PAEDIATRIC SPORTS PROBLEMS

APPOS



HALL

FACULTY



Dr. James Hui



Dr. Theodore Ganley



Dr. Shital Parikh



Dr. Dominic D'Silva



Dr. Shreyash Gajjar

At the conclusion of this ICL, learners should be able to:

- Learn about the assessment of patients with Paediatric Sports Injuries and formulate a treatment plan.
- Understand the principles and new techniques for Minimally Invasive and Arthroscopic methods to treat the most common challenging sports related joint injuries in the Paediatric Athlete.
- Manage surgical rehabilitation in Paediatric Sports Injuries.

This ICL will cater to both General Orthopaedists and Pediatric Orthopaedists. The format of the ICL is didactic and case based.

USP of the ICL

This course will cover the most common surgical conditions with recognized experts and will include brief case-based learning / and will highlight techniques / didactic pearls / panel discussions and medical literature reviews.

Programme

TIME	TOPIC	FACULTY
02:00 pm - 02:05 pm	Introduction	
02:05 pm - 02:22 pm	Patella Dislocation - Case based discussion Highlights: Innovative Concepts, Techniques / the Anatomic Footprint and the Physis / Quad Turndown vs. Hamstring vs. Allograft / When to and how to rehabilitate and brace Panel: Dr. Dominic D'Silva, Dr. Shreyash Gajjar, Dr. James Hui, Dr. Theodore Ganley	Dr. Shital Parikh
02:22 pm - 02:39 pm	OCD in Young Athletes - Case based discussion Highlights: Treatment Philosophy / Evolving Trends / Is OCD strictly an Overuse / Injury or is there some other Etiology? "My Favorite Treatment Technique" Panel: Dr. Shreyash Gajjar, Dr. James Hui, Dr. Shital Parikh, Dr. Theodore Ganley	Dr. James Hui
02:39 pm - 02:56 pm	Pediatric ACL - Case based discussion Highlights: Prevention Strategies Principles / Decision Making / Surgery for Wide Open Growth Plates / Closing Growth Plates / Graft Choice / Return to Sports Panel: Dr. Dominic D'Silva, Dr. Shreyash Gajjar, Dr. Shital Parikh, Dr. Theodore Ganley	Dr. Dominic D'Silva
02:56 pm - 03:13 pm	Shoulder Dislocation - Case based panel discussion Highlights: Techniques / The Role of Non-Operative Treatment vs. First Time Dislocation Surgery / Surgical Pearls / On Track Off Track / Return to Sports Strategies Panel: Dr. Dominic D'Silva, Dr. James Hui, Dr. Shital Parikh, Dr. Theodore Ganley	Dr. Shreyash Gajjar
03:13pm - 03:30 pm	Pediatric ACL, OCD, Patella Dislocation, Shoulder Dislocation: Answers to Challenging Questions, Discussion of Leading Edge Literature and International Presentations Panel: Dr. Dominic D'Silva, Dr. Shreyash Gajjar, Dr. James Hui, Dr. Shital Parikh	Dr. Theodore Ganley
03:30 pm - 03:34 pm	Conclusion	

PEDIATRIC NEUROMUSCULAR UPPER LIMB



FACULTY



Dr. Freeman Miller



Dr. Peter Waters



Dr. B. D. Athani



Dr. Maulin Shah

Aims & Objective

Pediatric upper limb neuromuscular issues are challenging to manage. Cerebral Palsy and Brachial Plexus Birth Palsy are two main segments which will be addressed in this ICL. We will outline the key examination points, possible & proven treatment strategies and the outcomes in different scenarios through didactic talks and interactive cases.

Programme

TIME	TOPIC	FACULTY
02:00 pm - 02:05 pm	Introduction - Neuromuscular UL	Dr. Freeman Miller
	UPPER LIMB ISSUES IN CEREBRAL PALSY	
02:05 pm - 02:20 pm	CP Upper Extremity	Dr. Freeman Miller
02:20 pm - 02:30 pm	Spastic Hand (Thumb-in Palm, Finger deformities)	Dr. B. D. Athani
02:30 pm - 02:40 pm	Interesting case presentation & discussion Presentation by: Dr. Maulin Shah	Dr. Freeman Miller Dr. Peter Waters
	BRACHIAL PLEXUS BIRTH PALSY	
02:40 pm - 02:50 pm	How I examine a child with BPBP?	Dr. Maulin Shah
02:50 pm - 03:00 pm	Nerve Surgeries - Indications & results	Dr. Peter Waters
03:00 pm - 03:10 pm	Shoulder rebalancing surgeries	Dr. Maulin Shah
03:10 pm - 03:20 pm	Humeral Osteotomy in BPBP - Elbow, Forearm & Wrist deformities	Dr. Peter Waters
03:20 pm - 03:30 pm	Interesting case presentation & discussion Presentation by: Dr. B. D. Athani Concluding remarks	Dr. Peter Waters Dr. Freeman Miller Dr. Peter Waters

BASIC PELVIC OSTEOTOMIES



FACULTY



Dr. Salil Upasani



Dr. Jarek Czubak



Dr. Ramani Narasimhan



Dr. Suhas Bala



Dr. Ranjit Deshmukh

Aims and Objectives

Have you ever wondered what is really the difference between all the Paediatric Pelvic Osteotomies? What is a Pember-Sal? Or a San Dega? Do they even exist? Well, this is the ICL that will answer all your questions!! This ICL is specifically designed for General and Paediatric Orthopaedists interested in the surgical management of Hip Dysplasia. Experts from around the world will define the indications, techniques and outcomes of the various Paediatric Pelvic Osteotomies and provide technical pearls to complete these procedures successfully. Please plan to attend and get ready to be active participants in interactive discussions between the faculty and audience members.

Programme

TIME	TOPIC	FACULTY
03:45 pm - 03:47 pm	Introductions	Dr. Salil Upasani
03:47 pm - 03:57 pm	Surgical anatomy, approaches & ossification	Dr. Ranjit Deshmukh
03:57 pm - 04:09 pm	Salter	Dr. Suhas Bala
04:09 pm - 04:21 pm	Pemberton / Dega	Dr. Jarek Czubak
04:21 pm - 04:33 pm	San Diego	Dr. Salil Upasani
04:33 pm - 04:45 pm	Chiari	Dr. Ramani Narasimhan
04:45 pm - 5:15 pm	Case discussions	Faculty Panel

POST-OSTEOMYELITIS RECONSTRUCTION

APPOS



HALL

FACULTY



Dr. Leo Donnan



Dr. Durai Nayagam



Dr. Milind Chaudhary



Dr. Ruta Kulkarni

Overview

It is arguable that bone sepsis in children, after malignant tumours, leaves the most debilitating long-term consequences. Every Orthopaedic Surgeon dealing with this condition needs to be up-to-date with both medical and surgical treatment as this can minimise the late sequelae. This ICL covers the latest evidence on how and when to use antibiotics and how best to deal with the two most common after-effects of severe bone infection – Sequestration of necrotic bone and deformity after septic physal arrest. In addition, the case-based discussions will cover additional subjects around the topic including salvaging the destroyed hip after neonatal septic arthritis and orthopaedic sequelae of meningococcal septicaemia.

Aims & Objectives

- To consider the latest evidence on the role and mode of delivery of antibiotics in the treatment of chronic osteomyelitis.
- To learn strategies for treating complications of bone sepsis in children.

Target audience

General Orthopaedic and Paediatric Orthopaedic surgeons dealing with bone infection in children.

Programme

TIME	TOPIC	FACULTY
03:45 pm - 03:59 pm	The role of local and systemic agents and antibiotics in surgical treatment of Chronic Osteomyelitis	Dr. Durai Nayagam
03:59 pm - 04:13 pm	Chronic Multifocal Osteomyelitis - Do antibiotics have a role?	Dr. Leo Donnan
04:13 pm - 04:27 pm	Reconstruction of bone defects following Osteomyelitis in children with Ilizarov method	Dr. Milind Chaudhary
04:27 pm - 04:41 pm	Correction of deformities secondary to septic growth arrest	Dr. Ruta Kulkarni
04:41 pm - 05:15 pm	Case-based presentations	

ADVANCED CEREBRAL PALSY MANAGEMENT



FACULTY



Dr. Jon Davids



Dr. Freeman Miller



Dr. Gopakumar



Dr. Ganjwala



Dr. Gahukamble

Aims / Objectives

This course is designed for practitioners who manage complex musculoskeletal problems, such as hip dysplasia and crouch gait, in children with cerebral palsy. Comprehensive management of neuromuscular hip dysplasia, from screening guidelines to proactive / reactive surgery strategies will be considered. Identification and management of crouch gait will focus on pathomechanics and surgical dosing to optimize clinical decision making and outcomes following surgery. The course format will be both didactic and case-based, with time for discussion of principles and practices.

Programme

TIME	TOPIC	FACULTY
03:45 pm - 03:50 pm	INTRODUCTION Overview, introduction to GMFCS	Dr. Jon Davids
03:50 pm - 04:00 pm	NEUROMUSCULAR HIP DYSPLASIA: SCREENING GUIDELINES Rationale and Best Practice for Screening	Dr. Freeman Miller
04:00 pm - 04:10 pm	NEUROMUSCULAR HIP DYSPLASIA: EARLY SOFT TISSUE SURGERY Indications, Techniques for Soft Tissue Surgery	Dr. Gopakumar
04:10 pm - 04:15 pm	NEUROMUSCULAR HIP DYSPLASIA: SKELETAL SURGERY Femoral / Pelvic Osteotomies – Indications	Dr. Ganjwala
04:15 pm - 04:25 pm	NEUROMUSCULAR HIP DYSPLASIA: SKELETAL SURGERY Femoral / Pelvic Osteotomies: Surgical Techniques	Dr. Gahukamble
04:25 pm - 04:35 pm	NEUROMUSCULAR HIP DYSPLASIA: PALLIATIVE SURGERY Indications, Techniques	Dr. Jon Davids
04:35 pm - 04:50 pm	CROUCH GAIT: DEFINITION Introduction to Lever Arm Deficiency, Natural History	Dr. Freeman Miller
04:50 pm - 05:05 pm	CROUCH GAIT: SURGICAL MANAGEMENT Dosing of Soft Tissue and Skeletal Surgeries	Dr. Jon Davids
05:05 pm - 05:15 pm	QUESTIONS / DISCUSSION	Dr. Freeman Miller, Dr. Jon Davids

APPROACH TO THE LIMPING CHILD



FACULTY



Dr. Deborah Eastwood



Dr. F. Canavese



Dr. Gopinath Menon



Dr. Kirti Ramnani



Dr. Swapnil Keny

Aim

Several etiologies may cause a child to limp. These include infections, tumors, congenital disorders, neuromuscular conditions and trauma.

This ICL will address the most common causes of limping in children, both acute and chronic, with particular emphasis on conditions that benefit from prompt identification and early treatment. Moreover, the ICL will provide an organized and structured approach to the diagnosis and management of a limping child.

Programme

TIME	TOPIC	FACULTY
05:30 pm - 05:37 pm	Introduction	Dr. Deborah Eastwood Dr. Federico Canavese
05:37 pm - 05:52 pm	Clinical case - Is it a painful limp? (multiple choice answers)	Presenter: Dr. Federico Canavese Moderator: Dr. Deborah Eastwood
05:52 pm - 06:02 pm	Acute limping - First rule out an infection!	Dr. Swapnil Keny
06:02 pm - 06:17 pm	Other common causes of acute limping in children	Dr. Gopinath Menon
06:17 pm - 06:22 pm	Synovitis of the hip and perthes disease - Myth or reality? Evidence from the literature	Dr. Federico Canavese
06:22 pm - 06:30 pm	The unusual limp	Dr. Deborah Eastwood
06:30 pm - 06:45 pm	The chronic limp - Think about the age	Dr. Kirti Ramnani
06:45 pm - 06:55 pm	Q&A - Interactive discussion with the audience	All Faculty
06:55 pm - 07:00 pm	Conclusions	Dr. Deborah Eastwood / Dr. Federico Canavese

DETECTION AND EARLY MANAGEMENT OF DDH



FACULTY



Dr. Kishore Mulpuri



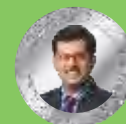
Dr. Keenan Joseph



Dr. Salil Upasani



Dr. Emily Schaeffer



Dr. Sameer Desai



Dr. Javed Iqbal

Description

A balance of didactic lecture and case discussions surrounding the detection and early management of Developmental Dysplasia of the Hip (DDH) designed to be of particular interest and value to the pediatric orthopaedic surgeon. This session may also be of interest and utility to the general orthopaedist that may see DDH patients in their practice, or are interested in learning more about some of the controversies, challenges and management practices involved in detecting and treating DDH in infancy. This ICL will present an overview of the current screening and management approaches for DDH, including discussion on some of the confusion related to classification and terminology used in the DDH literature. Different screening practices implemented in different health resource settings will be discussed, as will the specific role of ultrasound for both screening and management purposes of DDH in the young infant. Once detected, a series of case discussions will be used to demonstrate the role for both conservative brace management, and operative management by closed or open reduction, as well as when these different approaches may be indicated.

Active discussion amongst panel members and attendees will be encouraged with a number of specific case examples to illustrate the different management options and outcomes. This ICL will provide the opportunity for pediatric orthopaedists to consider their own screening and management practices for DDH, and demonstrate some of the important issues surrounding practice variability in early DDH management.

Learning Objectives

- The registrant will gain insight into the current confusion and lack of clarity in DDH terminology prevalent in the literature, and will be presented with a novel, standardized classification system.
- The registrant will learn about the scope of screening practices for DDH detection in different health resource settings, and will come to understand the role ultrasound can play in early detection.
- The registrant will engage in case discussion to understand the benefits and risks of conservative and operative management of early DDH, as well as indications for choosing a specific treatment approach.

Programme

TIME	TOPIC	SPEAKER
05:30 pm - 05:40 pm	Classification and terminology in DDH	Dr. Emily Schaeffer
05:40 pm - 05:50 pm	Screening practices in DDH	Dr. Kishore Mulpuri
05:50 pm - 06:00 pm	Role of ultrasound in detection and management of DDH	Dr. Keenan Joseph
06:00 pm - 06:10 pm	Brace management in DDH	Dr. Salil Upasani
06:10 pm - 06:20 pm	Closed reduction for DDH	Dr. Sameer Desai
06:20 pm - 06:30 pm	Role of open reduction – When and which approach?	Dr. Javed Iqbal
06:30 pm - 07:00 pm	Discussion	All speakers

2D & 3D GAIT ANALYSIS FOR THE PRACTISING ORTHOPAEDIC SURGEON



FACULTY



Dr. Jon Davids



Dr. Freeman Miller



Dr. Jayanth S. Sampath



Dr. Chasanal Rathod

Aims & Objectives

- This course is designed for practitioners of all levels with an interest in normal gait and pathologic gait associated with a variety of pediatric orthopaedic conditions.
- Use of quantitative gait analysis for assessment and clinical decision-making.
- Introduction to normal gait.
- Introduce the various elements of Quantitative gait analysis and application of this approach to a variety of clinical conditions.
- Case based examples to illustrate the principles and applications of 2D and 3D Gait Analysis in clinical situations.

Learning Outcomes

Participants will:

- understand the characteristics of normal gait and abnormal gait patterns.
- Know when and why to refer a patient for 2D or 3D gait analysis.
- Recognize and interpret specific patterns on kinematic/ kinetic graphs; understand their relevance.
- Learn to use 2D and 3D gait analysis as practical tools in clinical decision making.

USP

- Clinically oriented ICL that will demystify a complex subject.
- Principles and practice of Gait Analysis presented in a simple format by acknowledged experts in the field.
- No prior experience necessary! We will teach you everything you need to know to get started.
- Learn directly from patients and case examples. Emphasis on case-based discussion rather than didactic teaching.
- Pre-course teaching material that will get you up to speed on gait terminologies. You will feel entirely at home. Question the faculty with confidence!
- Workbook exercises for interactive learning.
- Audience Response System is included in the workshop for maximum participation and to gauge your level of understanding.

2D & 3D GAIT ANALYSIS FOR THE PRACTISING ORTHOPAEDIC SURGEON

Programme

TIME	TOPIC	FACULTY
05:30 - 05:35 pm	INTRODUCTION AND ORIENTATION TO THE ICL (Overview of the program)	Dr. Jon Davids
05:35 - 05:45 pm	INTRODUCTION TO NORMAL GAIT (Gait Cycle, principal events and their significance)	Dr. Freeman Miller
05:45 - 05:55 pm	2D VIDEO ANALYSIS (How to analyse a 2D video, examples)	Dr. Jayanth Sampath
05:55 - 06:10 pm	KINEMATICS / KINETICS (Understanding the graphs with case examples)	Dr. Chasanal Rathod
06:10 - 06:20 pm	EMG AND PEDOBAROGRAPHY (Examples where they help in clinical decision making)	Dr. Freeman Miller
06:20 - 06:35 pm	CLASSIFICATION OF GAIT DEVIATIONS (Primary vs. compensations in gait; how to distinguish between the two)	Dr. Jon Davids
06:35 - 06:45 pm	GAIT ANALYSIS FOR CONDITIONS OTHER THAN CP (Polio, In-toeing, Toe Walking, Myelodysplasia, Clubfoot)	Dr. Jon Davids
06:45 - 07:00 pm	QUESTIONS AND DISCUSSION (Ask the experts)	Dr. Jon Davids & Dr. Freeman Miller

INSTRUCTIONAL COURSE LECTURES (ICLS)

DAY 2: FRIDAY, JANUARY 4, 2019

TIME	HALL A (POSNA HALL)	HALL B (POSNA HALL)	HALL C (IFPOS HALL)
08.00 am - 09.30 am	ICL 16: Lower Limb Trauma Dr. Jack Flynn, Dr. Antonio Andreacchio, Dr. Vijay Sriram, Dr. Sarwar Salam, Dr. Ashish Ranade	ICL 17: Advanced Pelvic Osteotomies Dr. Dan Sucato, Dr. Jaroslaw Czubak, Dr. Salil Upasani, Dr. Arun Goel	ICL 18: Neglected & Syndromic Clubfoot Dr. Alain Dimeglio, Dr. Vincent Mosca, Dr. Mathew Varghese, Dr. Viraj Shingade, Dr. Vikas Gupta
09.45 am - 11.15 am	ICL 19: Angular Deformities around the Knee Dr. Sanjeev Sabharwal, Dr. Shyam Kishan, Dr. Vivek Shrivastava, Dr. Rajeew Nirawane	ICL 20: Congenital Upper Limb Anomalies - Evaluation & Treatment Dr. Peter Waters, Dr. M. R. Thatte, Dr. Premal Naik, Dr. Anirban Chatterjee	ICL 21: Research Session: Research Methodology / How to write & publish a paper Dr. Theodore Ganley, Dr. Emily Schaeffer, Dr. Kishore Mulpuri, Dr. Binoti Vyas, Dr. Sukalyan Dey
11.30 am - 01.00 pm	ICL 22: Upper Limb Trauma Dr. Jack Flynn, Dr. Shital Parikh, Dr. P. N. Gupta, Dr. Sunil Wijayasinghe, Dr. Rudraprasad	ICL 23: Foot Osteotomies Dr. Vincent Mosca, Dr. Steve Frick, Dr. A. K. Pandey, Dr. Mandar Agashe	ICL 24: Perthes: Non-Containable Hip Management Dr. George Thompson, Dr. Harry Kim, Dr. Dan Sucato, Dr. Hitesh Shah, Dr. Manoj Padman
02.00 pm - 03.30 pm	ICL 25: Top 5 Paediatric Orthopaedic Emergencies Dr. Steve Frick, Dr. Shyam Kishan, Dr. H. S. Oberoi, Dr. K. Venkatadass, Dr. Tushar Agarwal	ICL 26: Multiplanar Deformity Correction Using External Fixator Dr. Sanjeev Sabharwal, Dr. Durai Nayagam, Dr. Mangal Parihar, Dr. Cherry Kooroor, Dr. Ishani Shah	ICL 27: Genetics & Basic Research Dr. Harry Kim, Dr. Tae-Joon Cho, Dr. James Hui, Dr. Ajai Singh
03.45 pm - 05.15 pm	ICL 28: Lytic Lesions of Bones Dr. Darko Anticevic, Dr. Mihir Thacker, Dr. Thomas Palocaren, Dr. Mandar Acharya, Dr. Jaideep Dhamele	ICL 29: Physeal Injuries Dr. Sanjeev Sabharwal, Dr. Shital Parikh, Dr. R. Sankar, Dr. Gowerdhan Ingale, Dr. Sandeep Vaidya	ICL 30: Early Onset Scoliosis Dr. George Thompson, Dr. Peter Newton, Dr. Shyam Kishan, Dr. Abhay Nene, Dr. Arjun Dhawale

05.15 PM - 06.00 PM TOP 10 POSTER PRESENTATIONS (2 MINS + 1 MIN EACH)

06.00 PM - 06.30 PM INAUGURATION OF POSICON 2019

06.30 PM ONWARDS FACULTY FELICITATION & ENTERTAINMENT FOLLOWED BY DINNER

LOWER LIMB TRAUMA



FACULTY



Dr. John (Jack) Flynn



Dr. Antonio Andreacchio



Dr. Vijay Sriram



Dr. Sarwar Salam



Dr. Ashish Ranade

Educational Objectives

- Discuss principles of management of common lower limb fractures in children.
- Discuss the controversies in the management of select fractures of the lower limb.
- Discuss pearls and pitfalls in managing pediatric lower extremity trauma.

Target Audience

This ICL will be of interest to any orthopaedic surgeon taking care of pediatric lower limb trauma (general orthopods and pedipods).

Upon completion of this instructional course

- Participant will be able to formulate a treatment plan for a child with lower limb trauma.
- Apply various operative and non-operative strategies for lower limb fractures.
- Learn how to stay out of trouble while treating pediatric lower limb trauma.

Programme

TIME	TOPIC	FACULTY
08:00 am - 08:03 am	Introduction	Dr. John (Jack) Flynn / Dr. Antonio Andreacchio
08:03 am - 08:13 am	Proximal femoral fractures	Dr. Ashish Ranade
08:13 am - 08:23 am	Midshaft femur fracture	Dr. Vijay Sriram
08:23 am - 08:38 am	Femur Fracture - Case discussion Moderator: Dr. Antonio Andreacchio	Dr. John (Jack) Flynn
08:38 am - 08:48 am	Tibial fracture	Dr. Sarwar Salam
08:48 am - 09:03 am	Distal tibia and transitional fractures	Dr. Antonio Andreacchio
09:03 am - 09:18 am	Staying out of trouble with Paediatric Lower Extremity Fractures	Dr. John (Jack) Flynn
09:18 am - 09:28 am	Q&A - Interactive discussion with the audience	All Faculty
09:28 am - 09:30 am	Conclusion	Dr. John (Jack) Flynn / Dr. Antonio Andreacchio

ADVANCED PELVIC OSTEOTOMIES



FACULTY



Dr. Dan Sucato



Dr. Jarek Czubak



Dr. Salil Upasani



Dr. Arun Goel

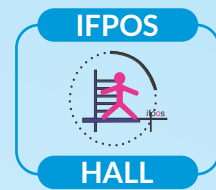
Aim

This ICL is designed for the general orthopedist as well as the pediatric/adolescent hip specialist. Hip preservation surgery includes a wide range of patients to manage from hip instability to femoroacetabular impingement. This is a relatively common condition presenting to us in the pediatric/adolescent age period requiring a thorough evaluation of the patient's symptoms, physical examination, plain radiography and advanced imaging where appropriate. This ICL will address the appropriate evaluation of the patient, and will specifically address the surgical treatment options available to address these patients. The indications and specific technical aspect of the procedures (including video) will be specifically discussed and how these apply to patient management will be outlined with specific case examples.

Programme

TIME	TOPIC	FACULTY
08:00 am - 08:50 am	Didactic Lectures Each presentation with discussion will be 12 minutes. 8-10 min talk with 2-4 min discussion	Moderator: Dr. Salil Upasani
	Triple pelvic osteotomy	Dr. Arun Goel
	Periacetabular osteotomy - Indications & technique	Dr. Daniel Sucato
	Periacetabular osteotomy - How to avoid and treat complications?	Dr. Jaroslaw Czubak
	Surgical dislocation - Technique, application, and complications	Dr. Salil Upasani
08:50 am - 09:30 am	Case discussion	Moderator: Dr. Daniel Sucato

NEGLECTED, COMPLEX AND SYNDROMIC CLUBFOOT



FACULTY



Dr. Vincent Mosca



Dr. Alain Dimeglio



Dr. Mathew Varghese



Dr. Viraj Shingade



Dr. Vikas Gupta

Aims and Objectives

There has recently been an increased awareness of clubfoot in the world and a proliferation of easy to access online literature regarding its early recognition and treatment. Nevertheless, neglected clubfoot continues to be seen by orthopaedic surgeons practicing at district and taluka levels in developing countries. Additionally, all clubfeet are not the same in regard to underlying etiology and associations, and they do not all respond in the same way to treatment. Inasmuch as clubfoot is the main area of expertise, as well as earnings, for many paediatric orthopaedic surgeons in developing countries, ongoing education regarding the fine points of managing the more difficult clubfeet is important. This ICL provides an opportunity to sharpen your skills for assessing and treating neglected, complex and syndromic clubfoot deformities. In this ICL we have very senior faculty, including Dr. Alain Dimeglio from France, whose classification and treatment techniques for clubfoot have been accepted worldwide; and Dr. Vincent Mosca from the USA, whose pioneering work in understanding, assessing, and managing complex foot deformities has been documented in his widely circulated and frequently quoted textbook. Combining the experience of these stalwarts with added flavor from our own Indian faculty gives you the best chance of learning how to manage these complex problems in our Indian scenario. So come and join us.

Programme

TIME	TOPIC	FACULTY
08:00 am - 08:10 am	The complex clubfoot - How do I differentiate and decide the line of management?	Dr. Alain Dimeglio
08:10 am - 08:15 am	The neglected clubfoot - Ponseti has a role	Dr. Vikas Gupta
08:15 am - 08:20 am	The neglected club foot - Role of Dorsal closing wedge osteotomy (Technique video)	Dr. Viraj Shingade
08:20 am - 08:25 am	The syndromic clubfoot - Indian experience	Dr. Mathew Varghese
08:25 am - 08:30 am	The syndromic clubfoot - My approach for different presentations	Dr. Vincent Mosca
08:30 am - 08:40 am	Managing the surgically overcorrected clubfoot - Trends in USA	Dr. Vincent Mosca
08:40 am - 08:45 am	Managing the surgically overcorrected clubfoot - French approach	Dr. Alain Dimeglio
08:45 am - 09:30 am	Case discussions Moderator: Dr. Vincent Mosca <ul style="list-style-type: none"> • Newborn with Streeter’s bands of the leg and severe clubfoot deformity • Newborn with Streeter’s bands of the leg and severe clubfoot-like malformation • 13 year Arthrogyrotic boy with failed 3surgeries- recurrent bilateral club feet deformity - How do I manage? • 6-year-old girl with bilateral complex feet- failed twice Ponseti - Recurrence - How to approach? • A 12 year boy with failed surgery, stiff foot. 	

ANGULAR DEFORMITIES AROUND THE KNEE



FACULTY



Dr. Shyam Kishan



Dr. Sanjeev Sabharwal



Dr. Vivek Shrivastava



Dr. Rajeev Nirawane

Aims

This ICL on Angular Deformities around the Knee is designed for both the general and pediatric orthopedic surgeon. This ICL will provide the attendee with information on how to recognize and differentiate physiological from pathological deformities around the pediatric knee. Particular attention will be paid to understanding both the non-operative and operative treatment options, and tips on surgical management and complication avoidance. The decision making for these patients can be challenging and a case-based discussion with a panel of experts will highlight it in a variety of cases.

Programme

TIME	TOPIC	FACULTY
09:45 am - 10:35 am	DIDACTIC LECTURE	Moderator: Dr. Shyam Kishan
09:45 am - 09:55 am	Physiological Deformities	Dr. Shyam Kishan
09:55 am - 10:05 am	Infantile Blount's Disease	Dr. Shyam Kishan
10:05 am - 10:15 am	Premature Physeal Closure with angular deformity	Dr. Vivek Shrivastava
10:15 am - 10:25 am	Planning for surgical correction of angular deformity	Dr. Rajeev Nirawane
10:25 am - 10:35 am	Complications in guided growth around the knee - Tips and tricks to avoid them	Dr. Sanjeev Sabharwal
10:35 am - 10:45 am	Q&A	
10:45 am - 11:15 am	CASE BASED PANEL DISCUSSION	Moderator: Dr. Sanjeev Sabharwal

CONGENITAL UPPER LIMB ANOMALIES: EVALUATION & RATIONAL TREATMENT PLAN



FACULTY



Dr. Peter Waters



Dr. Mukund Thatte



Dr. Premal Naik



Dr. Anirban Chatterjee

Aims & Objectives

Congenital Upper limb defects are a common referral to the Paediatric Orthopaedic Surgeon. As a trainee, you are exposed to some and completely unaware of the others. This ICL aims to show a spectrum of problems as seen in the Out-Patient department. We will focus on their evaluation and management in a practical way. The faculty will show the techniques via slides or edited short video. The idea is either to refine your existing skills or to create awareness for further study. The key takeaway will be management protocols and common operative techniques in this area. This ICL will enhance your knowledge, help refine your skills and help you deal rationally with these problems.

Programme

TIME	TOPIC	FACULTY
09:45 - 09:55 am	Classifying and deciding priorities in congenital anomalies of the upper limb (Overview of congenital hand differences and embryology)	Dr. Peter Waters
09:55 am - 10:05 am	Radial Club Hand operative video and long-term follow up	Dr. Mukund Thatte
10:05 am - 10:15 am	Pollicisation video	Dr. Peter Waters
10:15 am - 10:23 am	Hypoplastic thumb ADM transfer	Dr. Mukund Thatte
10:23 am - 10:31 am	Camptodactyly	Dr. Peter Waters
10:31 am - 10:39 am	Cleft hand and delta phalanx and nubbins	Dr. Mukund Thatte
10:39 am - 10:47 am	Madelungs	Dr. Premal Naik
10:47 am - 10:55 am	Sprengel's Shoulder	Dr. Premal Naik
10:55 am - 11:03 am	Ulnar Hemimelia	Dr. Anirban Chatterjee
11:03 am - 11:11 am	Syndactyly	Dr. Anirban Chatterjee
11:11 am - 11:15 am	discussion	

RESEARCH IN ORTHOPAEDIC SURGERY

IFPOS



HALL

FACULTY



Dr. Kishore Mulpuri



Dr. Harry Kim



Dr. Theodore Ganley



Dr. Emily Schaeffer



Dr. Binoti Sheth



Dr. Sukalyan Dey

Description

A balance of didactic lecture and interactive discussion designed to inform both generalist and specialist orthopaedists on the critical elements involved in performing quality research in surgical settings. There are many key differences and unique challenges to performing high-quality research in surgery compared to other clinical settings. This ICL will present a comprehensive overview of the research process, beginning with how to design studies with appropriate methodology and writing a strong research grant to obtain funding, through to how to publish your findings. The ICL will also discuss the importance of prospective study groups in generating practice-changing evidence, as well as some of the challenges of establishing such groups. Two of POSI's own faculty members will then provide their thoughts on surgical research from POSI's perspective.

Active discussion amongst panel members and attendees will be encouraged throughout the ICL, in addition to allotted discussion time at the end of the session. This ICL will provide an opportunity for orthopaedists to gain insight into the entirety of the research process and understand the important elements critical to designing, implementing and carrying out a research study with the potential to change practice.

Learning Objectives

- The delegate will learn about the scope of different study designs in surgical research and come to understand their appropriate implementation in the practical setting.
- The delegate will learn the key components to put together a strong research proposal for grant funding, including different funding sources, and grant application strategies.
- The delegate will come to understand the importance of collaborative, prospective study groups to perform generate high-quality data.
- The delegate will gain insight into the publication process, and the critical elements involved in disseminating your research to colleagues, the medical community and the public.

Programme

TIME	TOPIC	FACULTY
09:45 am - 10:00 am	Study designs in surgical research	Dr. Kishore Mulpuri
10:00 am - 10:15 am	How to write a research grant?	Dr. Harry Kim
10:15 am - 10:30 am	Establishing prospective study groups (ROCK to PRISM)	Dr. Ted Ganley
10:30 am - 10:45 am	How to publish a paper?	Dr. Emily Schaeffer
10:45 am - 10:55 am	POSI's perspective on research	Dr. Binoti Sheth & Dr. Sukalyan Dey
10:55 am - 11:15 am	Discussion	All speakers

UPPER LIMB TRAUMA



FACULTY



Dr. John (Jack) Flynn



Dr. Shital Parikh



Dr. P. N. Gupta



Dr. Rudraprasad



Dr. Sunil Wijayasinghe

Aims and objectives

To sensitise the general orthopods, pedipods and PG students in common upper limb trauma which we see in our routine practice and the management principles in treating such injuries. Delegates can expect at the end of the ICL to carry home the tips in diagnosing and management of these common situations.

Programme

TIME	TOPIC	FACULTY
11:30 am - 11:35 am	Introduction	Dr. Flynn John / Dr. Shital Parikh
11:35 am - 11:45 am	Fractures of hand and wrist	Dr. Rudra Prasad
11:45 am - 11:55 am	Forearm fractures and operative technique	Dr. Shital Parikh
11:55 am - 12:05 pm	Monteggia fractures	Dr. Sunil Wijayasinghe
12:05 pm - 12:15 pm	Supracondylar fractures humerus - Five steps for stress-free wild success	Dr. Flynn John
12:15 pm - 12:25 pm	Lateral condyle, Medial condyle and other fractures of elbow	Dr. P. N. Gupta
12:25 pm - 12:50 am	Upper extremity case discussions Moderator: Dr. Flynn John	Dr. Shital Parikh
12:50 pm- 01:00 pm	Interactive discussion with delegates	

FOOT OSTEOTOMIES



FACULTY



Dr. Vincent Mosca



Dr. Steven Frick



Dr. Mandar Agashe



Dr. A. K. Pandey

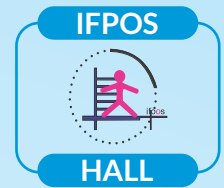
Aims and Objectives

There are many foot deformities and malformations seen in children around the world, some of which are best managed with surgical correction. Careful preoperative and intraoperative assessment and decision making is important, and this ICL will highlight the indications, contraindications and techniques for the most commonly performed foot osteotomies in children. Didactic presentations and case presentations / panel discussion will be used. The faculty will be led by Dr. Vincent Mosca and Dr. Steven Frick, widely acknowledged as world leaders in paediatric foot disorders, and the target audience is pediatric orthopaedic surgeons.

Programme

TIME	TOPIC	FACULTY
11:30 am - 11:40 am	Lateral column lengthening for flatfoot	Dr. Vincent Mosca
11:40 am - 11:50 am	Calcaneal - Cuboid - Cuneiform osteotomies	Dr. Steven Frick
11:50 am - 12:00 pm	Medial cuneiform osteotomies	Dr. Vincent Mosca
12:00 pm - 12:10 pm	Posterior calcaneus osteotomies for cavus, translational valgus, etc.	Dr. Steven Frick
12:10 pm - 12:20 pm	Lateral column osteotomies	Dr. Vincent Mosca
12:20 pm - 01:00 pm	Case discussions Planned cases: Neglected clubfoot, Pes planovalgus foot in CP, Cavovarus foot in CMT, Skewfoot	Panelists: Dr. Mandar Agashe, Dr. A.K. Pandey, Dr. S. Frick Moderator: Dr. Vincent Mosca

PERTHES DISEASE: MANAGEMENT OF THE NON-CONTAINABLE HIP



FACULTY



Dr. George H. Thompson



Dr. Harry Kim



Dr. Hitesh Shah



Dr. Manoj Padman



Dr. Dan Sucato

Aims and Objectives

This is an advanced ICL designed for the pediatric orthopaedic surgeon and senior delegates. We will provide the attendee with information on the natural history of subluxated femoral heads in Perthes disease that cannot be adequately contained in the acetabulum. Current treatment options to obtain containment and improve femoral head sphericity will then be discussed. These are techniques that have the capacity to alter the natural history of the non-containable hip. Case based discussion by the faculty will follow to illustrate decision making and results in specific cases.

Programme

TIME	TOPIC	FACULTY
11:30 am - 12:30 pm	Lectures (60 minutes: 10 min lectures; 2 min question and answers) Moderator: Dr. George H. Thompson	
	Natural history of the non-containable hip	Dr. Hitesh Shah
	“Salvage” procedure for the non-containable hip	Dr. George H. Thompson
	Valgus osteotomies and shelf procedures	Dr. Manoj Padman
	Femoral head reshaping by surgical hip dislocation	Dr. Dan Sucato
	Investigational techniques to improve femoral head sphericity	Dr. Harry Kim
12:30 pm – 01:00 pm	Case Based Panel Discussion (30 min) Moderator: Dr. Harry Kim Panel: Dr. George H. Thompson, Dr. Dan Sucato, Dr. Hitesh Shah, Dr. Manoj Padman and Dr. Harry Kim Each faculty to bring one case	

TOP 5 PEDIATRIC ORTHOPEDIC EMERGENCIES



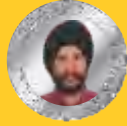
FACULTY



Dr. Steven Frick



Dr. Shyam Kishan



Dr. Harsharan Singh Oberoi



Dr. Venkat Krishnamurthy



Dr. Tushar Agarwal

Aims

This ICL on Pediatric Orthopedic Emergencies is designed for the pediatric orthopedic specialist as well the general orthopedic surgeon. This ICL highlights 5 common and important pediatric orthopedic emergencies and will provide the attendee with information on how to diagnose and manage these conditions. Particular attention will be paid to understanding the rationale for operative treatment options and tips on complication avoidance and management. The decision making for these patients is particularly critical and a case-based discussion with a panel of experts will highlight this in a variety of cases.

Programme

TIME	TOPIC	FACULTY
02:00 pm - 02:50 pm	Didactic Lecture	Moderator: Dr. Shyam Kishan
02:00 pm - 02:10 pm	Pulseless supracondylar humerus fracture	Dr. Shyam Kishan
02:10 pm - 02:20 pm	Management of open fractures in children	Dr. Harsharan Singh Oberoi
02:20 pm - 02:30 pm	Septic arthritis	Dr. Tushar Agarwal
02:30 pm - 02:40 pm	Unstable slipped capital femoral epiphysis	Dr. Venkat Krishnamurthy
02:40 pm - 02:50 pm	Mangled extremity / damage control surgery	Dr. Steve Frick
02:50 pm - 03:00 pm	Q&A	
03:00 pm - 03:30 pm	Case Based panel discussion	Moderator: Dr. Steve Frick

MULTIPLANAR DEFORMITY CORRECTION WITH EXTERNAL FIXATION



FACULTY



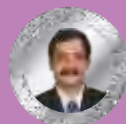
Dr. Sanjeev Sabharwal



Dr. Durai Nayagam



Dr. Mangal Parihar



Dr. Cherry Kooror



Dr. Ishani Shah

This ICL on Pediatric Orthopedic Emergencies is designed for the pediatric orthopedic specialist as well the general orthopedic surgeon. This ICL highlights 5 common and important pediatric orthopedic emergencies and will provide the attendee with information on how to diagnose and manage these conditions. Particular attention will be paid to understanding the rationale for operative treatment options and tips on complication avoidance and management. The decision making for these patients is particularly critical and a case-based discussion with a panel of experts will highlight this in a variety of cases. For any surgeon dealing with limb deformity in children, a different level of complexity is met when there are elements of angulation, translation and rotation together. This can be challenging when all components are resolved to a single level in the bone or to different levels within the same bone or the same limb. This ICL will cater to those who wish to expand their knowledge in this area and provide an opportunity to question an experienced faculty on this subject.

Many surgeons will resort to using software-assisted devices in such complex deformities but, in this ICL, we choose to show the attendees that whilst hexapods and software-assistance remain relevant – and provide tips on their use in some conditions - there are alternative approaches and some of these have added attractions over the classic paradigms. Furthermore, we have expert advice for gradual correction of complex or resistant foot deformities by external fixation which, despite the ubiquity and success of the Ponseti method, is still much needed today.

Aims of the ICL

- To learn new tips in dealing with multiplanar deformities
- To revisit treatment strategies for Blount's disease and multiplanar foot deformities
- To weigh the elements of external fixator choice for use in multiplanar deformity correction

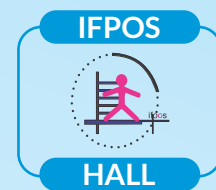
Target audience

Paediatric Orthopaedic surgeons treating limb deformity familiar with principles of deformity analysis and correction.

Programme

TIME	TOPIC	FACULTY
02:00 pm - 02:14 pm	Blount's disease - Gradual correction with circular external fixation	Dr. Sanjeev Sabharwal
02:14 pm - 02:28 pm	Planning for acute corrections of multiplanar deformities using external fixator-assisted internal fixation	Dr. Ishani Shah
02:28 pm - 02:42 pm	Surgical technique of acute corrections of multiplanar deformities using external fixator-assisted internal fixation	Dr. Durai Nayagam
02:42 pm - 02:56 pm	Multiplanar deformities in the foot and ankle - Tips and tricks for gradual correction with external fixation	Dr. Cherry Kooror
02:56 pm - 03:10 pm	Choosing an external fixator for multiplanar correction in a resource-challenged environment - Things to consider	Dr. Mangal Parihar
03:10 pm - 03:30 pm	Case-based presentations	Dr. Jon Davids

GENETICS AND BASIC RESEARCH



FACULTY



Dr. Harry Kim



Dr. James Hui



Dr. Tae-Joon Cho



Dr. Ajai Singh

Aims

This ICL will focus on exciting discoveries in the area of stem cell therapy, skeletal dysplasia, Legg-Calve-Perthes disease, and clubfoot. Four distinguished speakers with their expertise in these areas will provide clinically relevant presentations followed by a panel discussion on the impact of basic research on clinical practice. This ICL will cater to pediatric orthopaedic surgeons.

Objectives

- To highlight the regenerative and immunomodulatory properties of mesenchymal stem cells and their clinical applications in the treatment of various orthopaedic conditions, such as osteonecrosis, cartilage, and physeal damage.
- To provide an overview of molecular diagnosis of skeletal dysplasia using next-generation sequencing, and to present strategy and experience of discovering the causative gene for specific skeletal dysplasia.
- To discuss the latest discoveries on the pathophysiology of Legg-Calve-Perthes disease and potential biological therapies that are on the horizon.
- To present the genetics and its association with the epidemiology of clubfoot. The role of environmental factors, especially heavy metals, and genetic biomarkers will be discussed.

Programme

TIME	TOPIC	FACULTY
	Introduction	Dr. Harry Kim
02:00 pm - 02:20 pm	Stem Cell Research and Application in Pediatric Orthopaedics (includes a short question period of 2-3 minutes)	Dr. James Hui Hoi Po
02:20 pm- 02:40 pm	Discovery of Causative Gene / Mutation and Molecular Diagnosis of Skeletal Dysplasia	Dr. Tae-Joon Cho
02:40 pm - 03:00 pm	Advances in Perthes Disease Research and Discoveries	Dr. Harry Kim
03:00 pm - 03:20 pm	Genetics & Basic Research in Clubfoot	Dr. Ajai Singh
03:20 pm - 03:30 pm	Panel Discussion: Impact of Research on Clinical Practice	All faculty

LYTIC LESIONS OF BONE



FACULTY



Dr. Darko Anticevic



Dr. Mihir Thacker



Dr. Thomas Palocaren



Dr. Mandar Acharya



Dr. Jaideep Dhamele

Aims

- To educate the General Orthopaedist & the Paediatric Orthoped to differentiate between infection v/s tumor and benign v/s malignant lesions which they will encounter in their day to day practice which can confuse even the experienced surgeon.
- To stay safe while doing biopsy and the pitfalls associated; tips on “when to refer” to an oncology surgeon who can plan on the biopsy and management if it requires expertise as in a benign aggressive neoplasm e.g aneurysmal bone cyst, chondroblastoma.
- Case based examples on management of common cystic lesions which are frequently encountered in one’s practice.

Programme

TIME	TOPIC	FACULTY
03:45 pm - 04:00 pm	INTRODUCTION / OVERVIEW <ul style="list-style-type: none"> • What kind of imaging/work up is the best for correct diagnosis in cystic lesions? • How can one differentiate between infection vs tumor? • Malignant or benign lytic lesion? • Q & A (3 min) 	Dr. Mandar Acharya
04:00 pm - 04:13 pm	BIOPSY <ul style="list-style-type: none"> • Approach • Pitfalls • Q&A (3 min) 	Dr. Mihir Thacker
04:13 pm - 04:28 pm	ANEURYSMAL BONE CYST VS UNICAMERAL BONE CYST <ul style="list-style-type: none"> • How to differentiate / Current trends on management • Q&A (3 min) 	Dr. Darko Anticevic
04:28 pm - 04:43 pm	CHONDROBLASTOMA <ul style="list-style-type: none"> • Management of benign aggressive lesions • Q&A (3 min) 	Dr. Thomas Palocaren
04:43 pm - 04:58 pm	“TOUCH ME NOT” LESIONS <ul style="list-style-type: none"> • Q&A (3 min) 	Dr. Jaideep Dhamele
04:43 pm - 05:15 pm	CASE BASED DISCUSSION / Q&A	Dr. D. Anticevic, Dr. M. Thacker

PHYSEAL INJURIES



FACULTY



Dr. Sanjeev Sabharwal



Dr. Shital Parikh



Dr. R. Sankar



Dr. Sandeep Vaidya



Dr. Gowerdhan Ingale

Aims, objectives and Target Audience

The presence of physis and occurrence of physeal injuries is one of the unique aspects of management of fractures in children. Physeal injuries constitute about 15% of all fractures in children and every orthopaedic surgeon is confronted with these injuries fairly frequently. Inappropriate management of physeal injuries can have devastating consequences and can lead to deformities and limb length discrepancies which need complex reconstructions. The ICL on physeal injuries is specifically designed keeping in mind the needs of the General Orthopaedic surgeon. It aims to provide an overview of the basic principles, decision making and fixation techniques in acute physeal injuries so as to minimize the risk of sequelae. Furthermore, management of sequelae due to physeal bars will be discussed in detail.

Format

The format of the ICL will be didactic lectures wherein the theoretical aspects of physeal injuries will be elaborated, followed by an interactive case discussion session wherein various real-life case scenarios will be discussed. Active audience participation will be encouraged during the case discussion session.

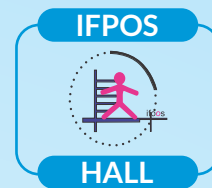
USP

Our international faculty comprising Dr Sanjeev Sabharwal and Dr Shital Parikh are world-renowned experts in the management of Pediatric Orthopaedic trauma. They will be ably supported by our National faculty comprising Dr. R. Sankar, Dr. Sandeep Vaidya and Dr. Gowerdhan Ingale. The ICL will focus on imparting practical tips and tricks which will be applicable in day-to-day clinical practice and enable delegates to approach these injuries more confidently to eliminate errors.

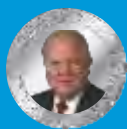
Programme

TIME	TOPIC	FACULTY
03:45 pm - 04:35 pm	Didactic Lectures	
03:45pm - 03:51 pm	Anatomy of the physis	Dr. Gowerdhan Ingale
03:51 pm - 03:58 pm	Classification of physeal injuries	Dr. R. Sankar
03:58 pm - 04:13 pm	Principles of Management of Acute Physeal Injuries	Dr. Shital Parikh
04:13 pm - 04:20 pm	Assessment of Skeletal Age and physeal growth	Dr. Sandeep Vaidya
04:20 pm - 04:35 pm	Assessment and Management of physeal bars	Dr. Sanjeev Sabharwal
04:35 pm - 05:15 pm	Cases for Discussion <ul style="list-style-type: none"> • Distal Femur Physeal Fracture • Proximal Tibia Physeal Fracture • Distal Tibia Physeal Fracture • Distal Radius Physeal Fracture 	All faculty

EARLY ONSET SCOLIOSIS



FACULTY



Dr. George H. Thompson



Dr. Peter Newton



Dr. Shyam Kishan



Dr. Abhay Nene



Dr. Arjun Dhawale

Aims

This ICL on Early Onset Scoliosis is designed for the pediatric spine specialist. EOS can be a life-threatening condition and this ICL will provide the attendee with information on how to recognize and diagnose this condition. Particular attention will be paid to understanding the natural history of the condition as well as both the non-operative and operative treatment options. The decision making for these patients is particularly critical and a case-based discussion with a panel of experts will highlight the reason for such decision in a variety of cases to minimize the risk of sequelae. Furthermore, management of sequelae due to physseal bars will be discussed in detail.

Programme

TIME	TOPIC	FACULTY
03:45 pm - 04:30 pm	Didactic Lecture	Moderator: Dr. George Thompson
03:45 pm - 03:53 pm	Classification and health risks of EOS	Dr. Arjun Dhawale
03:53 pm - 04:01 pm	Casting indications and outcomes	Dr. George Thompson
04:01 pm - 04:09 pm	Posterior distraction-based treatment	Dr. Abhay Nene
04:09 pm - 04:17 pm	Posterior growth guidance-based treatment	Dr. Shyam Kishan
04:17 pm - 04:25 pm	Timing of fusion (or not)	Dr. Peter Newton
04:30 pm - 04:45 pm	Q&A	
04:45 pm - 05:15 pm	Case Based panel discussion	Moderator: Dr. Peter Newton



MAIN CONFERENCE

DAY 1: SATURDAY, JANUARY 5, 2019

TIME	TOPIC
08:00 AM - 08:20 AM  08:00 am - 08:20 am	JANUS SESSION Theme: Looking back... Marching forwards Objectives: To discuss what we have learnt from the journey travelled in the past & to highlight the exciting newer advances of the future Janus is the god of transitions and time; beginnings and endings; thence also the guardian of gates and doorways. But he is usually depicted with two faces looking in opposite directions, the past and the future. The Silver Jubilee Conference of Pediatric Orthopaedic Society of India is being held in January and hence ruled by Janus. A very interesting highlight of the conference program are the Janus sessions. They will look back to the evolution and forward to the progression of knowledge on a focused topic in niche areas of paediatric orthopaedics. Perthes Disease (Dr. George Thompson: Looking Back V/s Dr. Harry Kim: Marching Forwards) - 10 mins each
08;20 AM - 09:15 AM 08:20 am - 08:27 am 08:27 am - 08:34 am 08:34 am - 08:41 am 08:41 am - 08:48 am 08:48 am - 08:55 am 08:55 am - 09:02 am 09:02 am - 09:09 am 09:09 am - 09:16 am	FREE PAPER SESSION (5 MINS + 2 MINS; 8 PAPERS) FP 01: Clinico-radiological outcome of paediatric both bone fractures forearm managed conservatively with emphasis on risk factors for re-displacement: Dr. Mayank Mahendra FP 02: Epidemiology and short-term outcome of Neonatal Septic Arthritis managed at Tertiary Care Center: Dr. Taosef Gaffar Syed FP 03: Role of perfusion MRI scan in early Perthes' disease: Dr. Hitesh Shah FP 04: Management of complex foot deformities: Prof. MD Mofakhkharul Bari FP 05: Role of modified Thomas Knee Splint in management of Pediatric Fracture Shaft Femur: Dr. Sachin Yadav FP 06: Early results of the operative treatment of habitual dislocation of patella using the four in one quadriceps realignment: Dr. Sandeep Vaidya FP 07: Anterior Tibial Tendon Transfer for relapsed Clubfoot: Evaluation of three techniques: Dr. Mukesh Shanker FP 08: Diaphyseal femur fracture in children: Comparative study between treatment using compression plates versus Titanium Elastic Nail (TEN): Dr. Assem Bastawisy
09:16 AM - 09:20 AM	COMFORT BREAK
09:20 AM - 09:50 AM	SPORTS INJURIES SYMPOSIUM - STATE-OF-THE-ART (8 MINS EACH + 6 MINS DISCUSSION) Objectives: To present current concepts in childhood sports injuries highlighting clinical presentation, diagnostic modalities & current treatment

MAIN CONFERENCE

TIME	TOPIC
09:20 am - 09:28 am	Knee injuries: Dr. James Hui
09:28 am - 09:36 am	Foot & ankle injuries: Dr. Shital Parikh
09:36 am - 09:44 am	Overuse injuries in the young athlete: Dr. Theodore Ganley
09:44 am - 09:50 am	Discussion
09:50 AM - 11:30 AM	POSI BEST PAPER SESSION (8 MINS + 2 MINS)
09:50 am - 10:00 am	BP 01: Calf circumference difference in legs with idiopathic CTEV deformity - Indian population statistics: Dr. Shobhit Gupta
10:00 am - 10:10 am	BP 02: Proximal femur growth plate closure in Perthes' disease: Dr. Amerendra Singh Kumar
10:10 am - 10:20 am	BP 03: Application of life-size 3D printed biomodels in treatment of complex congenital spinal deformities: Dr. Kshitij Chaudhary
10:20 am - 10:30 am	BP 04: An international assessment of the reliability of the modified Gartland Classification System for Extension-Type Supracondylar Humerus Fractures: Dr. Alaric Aroojis
10:30 am - 10:40 am	BP 05: Does the functional status of the upper limb influence the limb length discrepancy in a child with Birth Brachial Plexus Palsy?: Dr. Praveen Bhardwaj
10:40 am - 10:50 am	BP 06: Methylenetetrahydrofolate Reductase (MTHFR) Gene Polymorphism (C677T) as risk factor and severity identifier for Congenital Talipes Equino Varus (CTEV) – A Case-Mother-Dyad Study: Prof. Ajai Singh
10:50 am - 11:00 am	BP 07: Comparison of clinical parameters and 3D Gait Kinematics of Pelvis, Hip and Knee in Crouch gait in Cerebral Palsy: Dr. Chasanal Rathod
11:00 am - 11:10 am	BP 08: Radiological factors determining loss of reduction in paediatric supracondylar humerus fractures treated by closed reduction and percutaneous pinning: Dr. Sangeet Gangadharan
11:10 am - 11:20 am	BP 09: Concomitant elbow imaging for shoulder rebalancing surgery decisions in children with Brachial Plexus Birth Palsy: A novel assessment technique and clinical implications: Dr. Maulin Shah
11:20 am - 11:30 am	BP 10: Occipito-Cervical fusion in Morquio Disease (MPS type 4): Dr. Kailash Sarathy
11:30 AM - 11:35 AM	COMFORT BREAK
11:35 AM - 12:30 AM	PERSPECTIVES - PAEDIATRIC ORTHOPAEDICS IN 2044 (8 MINS EACH)
	Objectives: To highlight newer advances on the horizon that will impact the future of these fields over the next 25 years.
11:35 am - 11:43 am	Genetics: Dr. Tae-Joon Cho
11:43 am - 11:51 am	Research: Dr. Vrisha Madhuri
11:51 am - 11:59 am	Metabolic conditions: Dr. Darko Anticevic
11:59 am - 12:07 pm	Bioengineering - Medical product design & manufacturing: Prof. B. Ravi (IIT-B)
12:07 pm - 12:15 pm	Musculoskeletal imaging: Dr. Bhavin Jankharia

MAIN CONFERENCE

TIME	TOPIC
12:15 pm - 12:23 pm	Biologics in rheumatological conditions: Dr. Raju Khubchandani
12:23 pm - 12:30 pm	Discussion
12:30 PM - 01:00 PM	POSITION
	<p>Paediatric Orthopaedics in the Next 25 Years: Dr. Freeman Miller</p> <p>Freeman Miller was Co-director of the Cerebral Palsy Program and the Clinical Director of the Gait Analysis Laboratory at the A.I. duPont Hospital for Children, Wilmington, USA for 30 years. He continues as an emeritus staff member at the duPont Hospital for Children, providing consultative services and is active in the research program. His clinical practice of pediatric orthopedics is restricted to children with cerebral palsy. For the past 25 years, Dr. Miller has held Adjunct Professor appointments in the Departments of Mechanical Engineering and Physical Education at the University of Delaware. Current and past research interests include investigation of surgical outcomes of CP surgery through gait analysis, mathematical modeling of the hip joint in children with CP, hip monitoring and management for children with CP, and management of spinal deformity in CP. Dr. Miller has published approximately 200 articles in peer reviewed journals and has published a book titled Cerebral Palsy: A Guide for Caregiving directed at families and care providers which is in its 3rd edition. He has also authored a voluminous textbook on Cerebral Palsy, outlining musculoskeletal care of the child with CP. He has been invited to deliver many lectures in 35 different countries.</p> <p>In addition to the honor of being selected as the Orator at POSICON 2019, Dr. Miller will share his expertise on gait analysis in cerebral palsy, management of the neuromuscular upper limb, and management of complex problems in cerebral palsy.</p>
01:00 PM - 02:00 PM	LUNCH
02:00 PM - 03:00 PM	CASE PRESENTATION SESSION - COMPLICATIONS: 'TO ERR IS HUMAN'
	<p>Objectives: To highlight complications that can occur in Paediatric Orthopaedics through interesting cases. Discuss what went wrong, why, and how to manage.</p> <p>Convenor: Dr. K. Sriram</p> <p>Faculty: Dr. Arun Goel, Dr. N. K. Das, Dr. P. N. Gupta, Dr. Dhiren Ganjwala, Dr. Jayanth Sampath</p>
03:00 PM - 03:50 PM	PRE-OP PLANNING SESSION (8 + 2 MINS EACH)
	<p>Objectives: To discuss practical steps in pre-op planning using clinical methods & diagnostic modalities</p>
03:00 pm - 03:10 pm	Limb deformity: Dr. Dror Paley
03:10 pm - 03:20 pm	Spine: Dr. Peter Newton
03:20 pm - 03:30 pm	Upper limb: Dr. Peter Waters
03:30 pm - 03:40 pm	Cerebral Palsy: Dr. Jon Davids
03:40 pm - 03:50 pm	Tumours: Dr. Leo Donnan

MAIN CONFERENCE

TIME	TOPIC
03:50 PM - 03:54 PM	COMFORT BREAK
03:54 PM - 04:50 PM	FREE PAPER SESSION (5 MINS + 2 MINS; 8 PAPERS)
03:54 pm - 04:01 pm	FP 09: The novel Armboard Technique for reduction and fixation of supracondylar fracture of humerus in children: A multi-center study: Dr. Chintan Doshi
04:01 pm - 04:08 pm	FP 10: CT guided percutaneous drilling of osteoid osteoma - A safe, minimally invasive and cost effective method: Dr. Ashima Choudhry
04:08 pm - 04:15 pm	FP 11: Does the timing of the treatment affect the complications of the neck femur fracture in children?: Dr. Vidysagar Chandankere
04:15 pm - 04:22 pm	FP 12: Randomized controlled trial comparing the outcome of CC screw fixation vs K wire fixation for management of neglected lateral condyle fracture of humerus in children: Dr. Syed Afaque
04:22 pm - 04:29 pm	FP 13: Management of long bone deformities by dual rush Rodding - A cost effective method for developing countries: Dr. Sureshbabu Manivannan
04:29 pm - 04:36 pm	FP 14: Management of difficult nonunion of neck femur in children with bone loss with transosseous nonvascularised fibula grafting and abduction osteotomy: Dr. Jaideep Dhamele
04:36 pm - 04:43 pm	FP 15: Primary Epiphyseal Osteomyelitis in children: Unreported findings and intermediate term follow up in a series of 18 patients.: Dr. Gaurav Gupta
04:43 pm - 04:50 pm	FP 16: Results of Indigenous Telescopy nailing in Osteogenesis Imperfecta: Dr. Abhishek Kumar Singh
04:50 PM - 05:50 PM	TRAUMA SYMPOSIUM
04:50 pm - 05:20 pm	Fix it or leave it (Paediatric Trauma): Dr. Jack Flynn & Dr. Steven Frick Objectives: To highlight which injuries need fixation and which can be conserved using interactive cases
05:20 pm - 05:50 pm	Aap ki Adalat - What is the evidence? (Trauma based) Objectives: To discuss treatment protocols for select fractures using evidence from literature Faculty: Dr. John Mukhopadhaya , Dr. Premal Naik , Dr. Sandeep Patwardhan
05:50 PM - 06:00 PM	Q&A
06:00 PM - 07:00 PM	POSI ANNUAL GBM (ONLY FOR POSI MEMBERS)
07:00 PM ONWARDS	CONFERENCE BANQUET

DAY 2: SUNDAY, JANUARY 6, 2019

TIME	TOPIC
<p>08:00 AM - 08:40 PM</p>  <p>08:00 am - 08:20 am 08:20 am - 08:40 am</p>	<p>JANUS SESSION (20 MINS EACH)</p> <p>Theme: Looking back... Marching forwards</p> <p>Objectives: To discuss what we have learnt from the journey travelled in the past & to highlight the exciting newer advances of the future</p> <p>Janus is the god of transitions and time; beginnings and endings; thence also the guardian of gates and doorways. But he is usually depicted with two faces looking in opposite directions, the past and the future.</p> <p>The Silver Jubilee Conference of Pediatric Orthopaedic Society of India is being held in January and hence ruled by Janus. A very interesting highlight of the conference program are the Janus sessions. They will look back to the evolution and forward to the progression of knowledge on a focused topic in niche areas of paediatric orthopaedics.</p> <p>Limb reconstruction: Dr. Dror Paley V/s Dr. Durai Nayagam</p> <p>Spinal instrumentation: Dr. Ashok Johari V/s Dr. Peter Newton</p>
<p>08:40 AM - 09:30 AM</p> <p>08:40 am - 08:48 am 08:48 am - 08:56 am 08:56 am - 09:04 am 09:04 am - 09:12 am 09:12 am - 09:20 am 09:20 am - 09:30 am</p>	<p>IFPOS SESSION - 'SAVE THE HEAD' SYMPOSIUM (8 MINS EACH + 10 MINS DISCUSSION)</p> <p>Objectives: To highlight various options available to salvage the deformed femoral head resulting from sequelae of Perthes, DDH, CP & Infection</p> <p>Overview of femoral head deformity resulting from sequelae of Perthes / DDH / CP / Infection: Dr. George Thompson</p> <p>Hip distraction: Dr. Sanjeev Sabharwal</p> <p>Head reshaping: Dr. Dror Paley</p> <p>Pelvic procedures: Dr. Dan Sucato</p> <p>When you can't salvage?: Dr. Jaroslaw Czubak</p> <p>Discussion</p>
<p>09:30 AM - 10:30 AM</p> <p>09:30 am - 09:37 am 09:37 am - 09:44 am 09:44 am - 09:51 am 09:51 am - 09:58 am</p>	<p>FREE PAPER SESSION (5 MINS + 2 MINS; 8 PAPERS)</p> <p>FP 17: The Ponseti method is an effective and reliable option for the treatment of neglected idiopathic clubfoot in patients after the walking age - An international multi-centric study: Dr. Avi Shah</p> <p>FP 18: Lower limb alignment in Indian children: Are we different? A study of radiographic parameters on full-length standing radiographs: Dr. Ashish S. Ranade</p> <p>FP 19: Percutaneous correction of Cubitus Varus Deformity with external fixator: Dr. Rohit Kumar Vaishya</p> <p>FP 20: Differences in presentation between patients diagnosed with Developmental Dysplasia of the hip in a multi-Centre, International prospective registry: A comparison of Western and Indian Centres : Dr. Emily K. Schaeffer</p>

MAIN CONFERENCE

TIME	TOPIC
09:58 am - 10:05 am	FP 21: Extrusion of the femur head in Perthes disease with age of onset younger than 7 years: Dr. Nandkishor Harne
10:05 am - 10:12 am	FP 22: A simple clinical score to assess efficacy of multilevel surgical intervention to preserve or improve ambulation in severe Crouch Gait - Allaying parental scepticism towards major surgery: Dr. Atul Bhaskar
10:12 am - 10:19 am	FP 23: Outcomes of Cuboid Closing Wedge Osteotomy with Percutaneous Soft Tissue Release in resistant and relapsed cases of Clubfoot: Dr. Sukalyan Dey
10:19 am - 10:26 am	FP 24: Avascular Necrosis post unstable SCFE - A treatment algorithm with staged hinged hip distraction mid-term results: Mr. Balakumar Balasubramanian
10:30 AM - 10:45 AM	TEA / COFFEE BREAK
10:45 AM - 11:15 AM	IFPOS SESSION - SAFETY & PROTOCOLS IN PAEDIATRIC ORTHOPAEDICS (7 MINS + 3 MINS DISCUSSION EACH)
	Objectives: To highlight operative SOPs & risk management during surgery
10:45 am - 10:55 am	Spine monitoring: Dr. Federico Canavese
10:55 am - 11:05 am	Neurovascular injuries: Dr. William Mackenzie
11:05 am - 11:15 am	Infection prevention & OT protocols: Dr. Deborah Eastwood
11:15 AM - 11:45 AM	PRESIDENT'S PRECEPT (5 MINS EACH + 5 MINS DISCUSSION)
	Objectives: To highlight the role of international associations in building friendships & collaboration for outreach program, training etc.
11:15 am - 11:20 am	POSNA: Dr. Steve Frick
11:20 am - 11:25 am	EPOS: Dr. Jaroslaw Czubak
11:25 am - 11:30 am	APPOS: Dr. Ashok Johari
11:30 am - 11:35 am	IFPOS: Dr. George Thompson
11:35 am - 11:40 am	POSI: Dr. Ramani Narasimhan
11:40 am - 11:45 am	Discussion
11:45 AM - 12:15 PM	SHORT ORAL PRESENTATIONS (3 MINS EACH)
11:45 am - 11:48 am	SOP 01: Tension relaxing suture for both - Wounds with expected tight closure & surgeon!: Dr. Rajeev Nirawane
11:48 am - 11:51 am	SOP 02: Technique of barrel bone grafting for Congenital Pseudarthrosis of Tibia (CPT): Dr. Ankita Bansal
11:51 am - 11:54 am	SOP 03: Results of Percutaneous Epiphyseal drilling and intraosseous Zolendronic acid in for Legg-Calve´-Perthes disease: Dr. Bibi Dhanan
11:54 am - 11:57 am	SOP 04: Double oblique high entry insitu pinning in stable slipped Capital Femoral Epiphyses: Dr. Jayanth Sampath

MAIN CONFERENCE

TIME	TOPIC
11:57 am - 12:00 pm	SOP 05: Use of novel pressure sensors in foot abduction brace to compare actual brace wear versus parent-reported brace wear rates in children with clubfoot: Dr. Rohit Kapoorchand Jain
12:00 pm - 12:03 pm	SOP 06: Effectiveness of a novel Velcro platform device on standing balance in children with Cerebral Palsy post single event multilevel surgery: Dr. Deepak Sharan
12:03 pm - 12:06 pm	SOP 07: Preparation of cement spacer in Masquelet technique: Dr. Mandar Waghmare
12:06 pm - 12:09 pm	SOP 08: Mini external fixator for management of bayonet distal radius fracture in early and late adolescents: Dr. Pratik Gohil
12:09 pm - 12:12 pm	SOP 09: Novel Plastering technique (Ponseti) for radial club hand in neonates and early infancy: Dr. Arpit Agrawal
12:12 pm - 12:15 pm	SOP 10: Establishing a collaborative hip preservation unit- Challenges and analysis over 1 year: Dr. Tarang Khairnar
12:15 PM - 12:45 PM	BHEJA FRY - A TWIST IN THE TALE
12:45 PM - 01:00 PM	AWARDS DISTRIBUTION & VALEDICTION
01:00 PM - 02:00 PM	LUNCH / END OF POSICON 2019



POST-CONFERENCE COURSES

SPECIAL POST CONFERENCE CONGENITAL LIMB DEFICIENCY COURSE BY DROR PALEY

Date: January 6-7, 2019



Dr. Dror Paley

Medical Director, Paley Orthopaedic & Spine Institute at St. Mary's Medical Center West Palm Beach, FL,
USA President, International Limb Lengthening & Reconstruction Society (ILLRS)

Dror Paley is the founder and Director of the Paley Institute in West Palm Beach, Florida, USA. Prior to that he was the founder Director of the Rubin Institute for Advanced Orthopedics, and the Director of the International Center for Limb Lengthening (ICLL) at Sinai Hospital of Baltimore from 2001-2009. He is internationally recognized for his expertise in limb lengthening and reconstruction. Dr. Paley trained under the guidance of Professor Ilizarov of Russia (Ilizarov method) and Professor De Bastiani of Italy (Orthofix method). In 1986, he introduced the Ilizarov method to the United States and Canada. He obtained subspecialty fellowship training over the course of three years in Pediatric Orthopedics, Hand Surgery, Trauma Surgery and Limb Lengthening and External Fixation Surgery. Dr. Paley has won several awards, including a Gubernatorial Citation for Outstanding Contributions in Orthopedic surgery in 1990 by the Governor of Maryland and the Pauwel's Medal in Clinical Biomechanics in 1997 by the German-Speaking Countries Orthopedic Association. He has been awarded the best paper/poster award by SICOT, AAOS, POSNA and AORS. His book was also awarded the best-illustrated medical textbook in 2003. He was recently awarded Health Professional of the Year by the Chamber of Commerce of the Palm Beaches and was named Health Hero of the Year by the Palm Beach Medical Society. He has published over 130 articles in the peer-reviewed literature and has authored and edited 5 books and 40 book chapters. His book, Principles of Deformity Correction and Congenital Lower Limb Deformities, has set a new standard in the understanding and treatment of limb deformities.

Dror Paley is one of the star attractions of POSICON 2019. Besides sharing his vast experience in limb lengthening & limb reconstruction during the conference, he will conduct a not-to-be-missed special post-conference course on congenital limb deficiencies for the 1st time in the Indian sub-continent. Book your seats immediately for a once in lifetime opportunity.

PROGRAM

Day 1: Sunday, January 6, 2019

TIME	TOPIC
02.00 pm	Welcome & Overview of the Course
02.15 - 03.15 pm	Congenital Pseudarthrosis of the Tibia: 100% Union with no Refractures; Treatment by the Paley XUNION Protocol
03.15 - 04.15 pm	Prediction of Limb Length Discrepancy, Timing of Epiphysiodesis, Bones and Foot Lengths, Growth Remaining, and Height
04.15 - 04.45 pm	Tea / Coffee
04.45 - 06.45pm	Congenital Femoral Deficiency: General Considerations: Classification, Discrepancy Prediction, Treatment Planning CFD Paley type 1A CFD Paley type 1B (the SUPERhip procedure) CFD Paley type 2A, B (the SUPERhip2 procedure) CFD Paley type 2C, 3A (the SUPERhip3 procedure (Femoral Sling) CFD Paley type 3A,B,C (Paley-Brown and Paley Rotationplasty)
06.45 - 07.00 pm	Round-up & end of Day 1
08.00 pm onwards	Fellowship & Dinner

CORE FOUNDATION ANNOUNCES...

Day 2: Monday, January 7, 2019

TIME	TOPIC
08.00 - 10.00 am	Fibular Hemimelia General Considerations, Classification, Discrepancy Prediction, Treatment Planning FH Paley type 1 FH Paley type 2 (the SHORDT procedure) FH Paley type 3A FH Paley type 3B FH Paley type 3C FH Paley type 4
10.00 - 10.30 am	Tea / Coffee
10.30 - 12.30 pm	Tibial Hemimelia General Considerations, Classification, Amputation vs Reconstruction TH Paley type 1 TH Paley type 2A,B,C TH Paley type 3A,B TH Paley type 4A,B TH Paley type 5A,B,C (Paley-Weber Patellar Arthroplasty)
12.30 - 01.30 pm	Lunch
01.30 - 02.15 pm	Radial Club Hand Correction of the RCH deformity: Ulnarization, Ulnarization with shortening Thumb Aplasia: Pollicization Shortening of the Forearm: Strategies and Techniques for Lengthening
02.15 - 03.00 pm	Ulnar Club Hand Ulna hypoplasia Distal ulnar deficiency Ulnar aplasia with dislocated radius Radio-humeral Synostosis
03.00 - 03.30 pm	Syndactylies of the hand and Feet Brachymetatarsia and Brachymetacarpia
03.30 pm	End of Course

CORE FOUNDATION IN ASSOCIATION WITH BOMBAY SPINE SOCIETY ANNOUNCES...

SPINE MASTER CLASS WITH PETER NEWTON ON SPINE DEFORMITIES

Interactive Case Discussion Format: Clear All Doubts You Ever Had!

Date: January 6, 2019 | 2.00 pm - 7.30 pm



Dr. Peter Newton

Chief of Orthopaedic Surgery, Rady Children's Hospital, San Diego, CA,
USA President-Elect, Scoliosis Research Society (SRS)

Peter Newton is a Paediatric Orthopedic Surgeon who specializes in the care of children and adolescents with spinal deformities. He is the Chief of Orthopedics at the Rady Children's Hospital in San Diego California, USA and is also a Clinical Professor in the Department of Orthopedic Surgery at the University of California, San Diego, USA. He has around 200 peer-reviewed publications in journals and numerous book chapters to his credit. He is a Past-President of the Pediatric Orthopedic Society of North America and currently President of the Scoliosis Research Society. His clinical interests have been focused on novel treatments for scoliosis including: thoracoscopy in anterior thoracic spinal surgery, posterior methods designed to maximize the 3-dimensional correction of scoliosis, as well as fusionless methods of spinal growth modulation. He leads the well-recognized Harms Study Group in their effort to produce influential multicenter scoliosis research and is president of the foundation, Setting Scoliosis Straight. In addition to clinical outcomes research, his laboratory has been involved in the basic science of spinal growth, biomechanical studies related to implants and 3-dimensional imaging methods and quality improvement.

Peter promises to regale the audience of POSICON 2019 with his masterful talks on early onset scoliosis and adolescent idiopathic scoliosis, besides participating in a showdown on spinal instrumentation during the Janus sessions of POSICON 2019. Spine surgeons.... Miss this at your own risk!

TENTATIVE PROGRAM

TIME	TOPIC
2.00 pm - 3.30 pm	Session I: Adolescent idiopathic scoliosis
4.00 pm - 5.30 pm	Session II: Early onset Scoliosis
6.00 pm - 7.30 pm	Session III: Severe Deformities Each session will have 6 cases presented by BSS Members followed by a summarizing lecture by Dr. Peter Newton

POSTER: EP 001

Long-term results of patients with Idiopathic Congenital Unilateral Clubfoot treated by Ponseti method:
Dr. Pranjal Jain

POSTER: EP 002

'Congenitally dislocated hip with Coxa Magna', Lessons learnt: Dr. Parmanand Gupta

POSTER: EP 003

Bifid Thumb Wassel IV D - A case report and surgical technique: Dr. Hendra Cahya Kumara

POSTER: EP 004

Novel treatment algorithm for neglected clubfoot in rural setting: Dr. Raunak Milton

POSTER: EP 005

Treatment of late neglected DDH by Open Reduction; Femoral Shortening; Varus Derotation Osteotomy and Acetabuloplasty - A retrospective study of 7 cases: Dr. Bibi Dhanan

POSTER: EP 006

Early results of modified Paley's ulnarization of the carpus with ulnar shortening osteotomy for treatment of congenital absence of radius: Dr. Sakti Prasad Das

POSTER: EP 007

Ischiophagus tetrapus conjoined twins - A multi-disciplinary approach: Dr. Mandar Kishor Waghmare

POSTER: EP 008

To analyse the correlation and prevalence in children with CTEV with respective Maternal Blood Sugar:
Dr. Anil Kumar Panda

POSTER: EP 009

A case of complete congenital tibia fibula diastasis with wide divergence of the tibia and fibula with persistent sciatic artery: Dr. Ankita Bansal

POSTER: EP 010

Management of Sprengle shoulder by Mears Technique - Our experience: Dr. Sureshababu Manivannan

POSTER: EP 011

Prenatal diagnosis of Clubfoot - Are we seeing truth?: Dr. Rajiv Suresh Negandhi

POSTER: EP 012

Development of a standardized classification system for the diagnosis of Developmental Dysplasia of the Hip in infants: Dr. Emily K Schaeffer

POSTER: EP 013

Two weekly Ponseti Serial Casting - Does it work?: Dr. Mandar Sharadchandra Acharya

POSTER: EP 014

Efficacy of Ponseti treatment in Clubfoot due to Arthrogryposis Congenita Multiplexa: Dr. Sudhir Ravindran

POSTER: EP 015

Preoperative planning for correction of complex rotational forearm deformity using 3D printed model:
Dr. Mandar Kishor Waghmare

POSTER: EP 016

Prenatal screening in Clubfoot - Detection and severity outcome: [Dr. Girish Kumar](#)

POSTER: EP 017

Clinical-radiological correlation and functional outcome in children with Developmental Dysplasia of Hip:
[Dr. Nirmal Raj Gopinathan](#)

POSTER: EP 018

Midterm study of Neglected Resistant Recurrent CTEV Correction by controlled differential distraction with JESS Fixator - A retrospective study: [Dr. Ranjitham TP](#)

POSTER: EP 019

Coccygectomy for recalcitrant coccydynia in Type 3 Coccyx - A case report: [Dr. Varun Narula](#)

POSTER: EP 020

Congenital Pseudoarthrosis of tibia - Is Vascularised Fibula the ultimate solution?: [Dr. Katragadda Sai Krishna](#)

POSTER: EP 021

Management of Congenital absence of Fibula - New early plan of management: [Dr. Sakti Prasad Das](#)

POSTER: EP 022

A new clinical test for checking tibialis anterior overactivity in children with clubfeet: [Dr. Kapil Gangwal](#)

POSTER: EP 023

Revision surgeries in Developmental Dysplasia of Hip: [Dr. Taosef Gaffar Syed](#)

POSTER: EP 024

Practice preferences in slipped capital femoral epiphysis - Results of the survey of members of the Paediatric Orthopaedic Society of India (POSI): [Dr. Venkatadass Krishnamoorthy](#)

POSTER: EP 025

Correction of Genu valgum by distal femoral medial closed wedge osteotomy through lateral approach and lateral plating Innovative technique: [Dr. Mandar Vikas Agashe](#)

POSTER: EP 026

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	Secondary School Package (Late) 1 st Sep - 15 th Dec, 2018	College Package (Spot) 16 th Dec, 2018 Onwards	Secondary School Package(Late) 1 st Sep - 15 th Dec, 2018	College Package (Spot) 16 th Dec, 2018 Onwards
POSI / BOS / MOA / IOA Member				
Twin Sharing Basis (Per Person)	INR 33,000	INR 34,000	INR 28,000	INR 29,000
Delegate with 1 Accompanying person	INR 60,000	INR 61,000	INR 50,000	INR 51,000
Single Occupancy	INR 55,000	INR 56,000	INR 45,000	INR 46,000
NON MEMBER				
Twin Sharing Basis (Per Person)	INR 34,000	INR 35,000	INR 29,000	INR 30,000
Delegate with 1 Accompanying person	INR 61,000	INR 62,000	INR 51,000	INR 52,000
Single Occupancy	INR 56,000	INR 57,000	INR 46,000	INR 47,000
Non Indian SAARC Countries/Low and Low Middle Income Countries				
Twin Sharing Basis (Per Person)	INR 34,000 (\$ 510)	INR 35,000 (\$ 530)	INR 29,000 (\$ 430)	INR 30,000 (\$ 450)
Delegate with 1 Accompanying person	INR 61,000 (\$ 920)	INR 62,000 (\$ 940)	INR 51,000 (\$ 770)	INR 52,000 (\$ 770)
Single Occupancy	INR 56,000 (\$ 840)	INR 57,000 (\$ 860)	INR 46,000 (\$ 690)	INR 47,000 (\$ 710)
International Delegate				
Twin Sharing Basis (Per Person)	\$ 800	\$ 850	\$ 700	\$ 800
Delegate with 1 Accompanying person	\$ 1,100	\$ 1,150	\$ 950	\$ 1,000
Single Occupancy	\$ 1,000	\$ 1,050	\$ 850	\$ 900
PG Student*				
Twin Sharing (Per person)	INR 32,000	INR 33,000	INR 27,000	INR 28,000

REGISTRATION FEE

NON-RESIDENTIAL PACKAGE

Category	Secondary School Package (Late) 1 st Sep - 15 th Dec, 2018	College Package (Spot) 16 th Dec, 2018 Onwards
POSI / BOS / MOA / IOA Member	INR 17,500	INR 18,500
Non Member	INR 18,500	INR 19,500
Non-Indian SAARC countries / Low and Low Middle Income Countries	INR 18,500 (\$ 280)	INR 19,500 (\$ 300)
PG Student*	INR 16,500	INR 17,500
International Delegates (Except SAARC)	\$ 400	\$ 450
International Accompanying person	\$ 400	\$ 450

SPECIAL POST CONFERENCE CONGENITAL LIMB DEFICIENCY COURSE BY DROR PALEY

Category	Amount
Non Residential	INR 8,000
Non-Residential package Includes: Registration Fee & Lunch on 6 th & 7 th January, 2019	
Residential (Single Occupancy)	INR 15,000
Residential (Twin Sharing Occupancy)	INR 12,000
Residential (Delegate with 1 Accompanying person)	INR 17,000

Residential package includes: Registration Fee, Accommodation on 6th January, Lunch on 6th & 7th January, Dinner on 6th January & Breakfast on 7th January, 2019.

SPINE MASTER CLASS WITH PETER NEWTON

Category	Amount
Master Class with Lunch	INR 4000
Master Class with Lunch & Dinner	INR 6000
1 DAY REGISTRATION	
Residential (Twin Sharing Occupancy)	INR 12,000
Residential (Single Occupancy)	INR 15,000
Delegate with 1 Accompanying Person	INR 17,000

Registration package includes: Registration Fees, Accommodation on 6th January, Lunch & Dinner on 6th January, Breakfast on 7th January, 2019 & Conference Kit.

For details of packages, please visit
www.posi.in



SHINING STAR

CONTEST



Submission
portal
will be open on
**November 15,
2018**

RULES

- Contest will be open **ONLY** to registered delegates.
- Track should be 1 minute or less.
- **Top 10 entries will be selected & will get a chance to perform at the gala banquet with the Celebrity Judges.**
- Auditions will be evaluated by celebrity judges; top singers and music directors from Bollywood.
- Entries should be Hindi Bollywood songs, solo or duet where rhythm is the hero.

HOW TO SUBMIT YOUR ENTRY?

- Login to POSICON 2019 website using the username and password provided while registration
- Submission portal will be open on **November 15, 2018**
- Last date of Submission: December 15, 2018

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