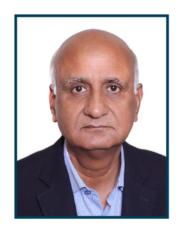


Preface



It is my great honor and privilege to write the preface of the 1st Annual Report of the Pediatric Orthopedic Registry Pakistan (PORP). As medicine is evolving and advancing every day, our understanding on clinical assessment and treatment has also improved a lot. This Paediatric Orthopaedic Registry Pakistan was initiated in 2019 and launched in 2021 to collect the prospective data of children with Musculosketal deformities and treatment. It will improve quality of care and prevent disabilities and deformities.

The PORP is simple and easy to use. We encourage all the Paediatric Orthopaedic Surgeons to join the PORP and begin entering their data. This will improve clinical practice and research methods for better treatment and prevention of deformities.

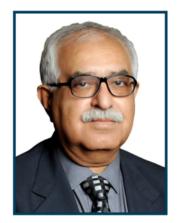
I must express my sincere appreciation for the excellent work done by Prof. Dr. Anisuddin Bhatti Founding Director PORP, Prof. Dr. Syed Shahid Noor, Chairman, Registry Committee, HealthRAB and Prof. Dr. Zakiuddin Ahmed General Secretary, HealthRAB. Prof. Dr. Anisuddin Bhatti,s dedication, hard work and attention has exceeed my expectations and wanted to take a moment to acknowledge his contributions and I am very grateful to have this opportunity to work with him.

The first annual report of PORP highlights the Data of DDH across the country. The Club Foot data is linked to the International Clubfoot registry and the long-term goal is to include other Musculosketal conditions.

I like to thank you for incredible work of the whole team of PORP and wish the future work will benefit the Paediatric Orthopaedic Society and surgery in Pakistan.

Sincerely, Prof. Dr. Rana Dilawaiz Nadeem

Past President, POSP



Clinical registries serve the purpose of gathering, organizing, and retrieving data for evaluating epidemiological status and treatment outcomes. The information collected helps in establishing best practices, treatment guidelines, supporting research, and planning future preventive and therapeutic activities. However, the use of clinical registries faces challenges in terms of sustainability and requires dedicated participation and continuous progress. To enhance the significance of registries, stakeholders must go beyond just collecting and warehousing data, and use modern data analytics to develop further preventive therapeutic strategies and research publications.

PORP was launched in September 2021 under the patronage of the Paediatric Orthopaedic Society Pakistan, with academic and technical support from Health Research Advisory Board (HealthRAB) and research support from PharmEvo Pakistan. The development of PORP involved designing detailed CRF forms with the latest analytic technology to make it password-protected, user-friendly, and provide easily retrievable data. The Core Committee especially Prof. Dr. Mehtab Pirwani and Prof. Dr. Amin Chinoy, and Steering Committee of PORP, along with Prof. Dr. Zakiuddin Ahmed and Ms. Marium Soomro from HealthRAB, and Mr. Nauman Siddiqui from PharmEvo, must be acknowledged for their support in establishing and maintaining the PORP database.

To begin with, PORP contains a CRF to gather data for Paediatric MSK Deformities, Developmental Dysplastic Hip (DDH) and Club Foot Deformity (which is linked to the International Clubfoot registry). The next addition to PORP will be Perthes' disease and thereafter Paediatric MSK injuries. The baseline DDH data can be entered in just 1.5-2 minutes, and the follow-up takes only half a minute. The data is strictly password-protected, and the user can easily retrieve total or partial data as desired for the purpose.

Currently, there are 24 registered participants across Pakistan; however, only 11 users are actively contributing to this registry. The current report includes 18 months of data including frequencies and distribution etc. Specific outcome data is protected by the principal investigator. That data can be used in facilitating personal clinical audits, enhancing patient care, and planning to overcome difficulties-complications encountered as evaluated on data review.

The success and sustainability of PORP depend on the continuous support of the steering committee members and the registered participant. I hope that the registered participant shall continue to support their own PORP and encourage others to increase the number of stakeholders.

Sincerely,

Prof. Dr. Anisuddin Bhatti Founding Director, PORP



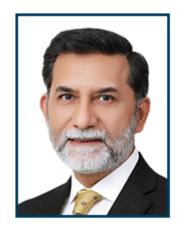
I am delighted to present the 1st Annual Report of the Paediatric Orthopaedic Registry Pakistan (PORP). This report marks a significant milestone for the Paediatric Orthopaedic Society Pakistan (POSP) and the Health Research Advisory Board (HealthRAB) who joined forces to initiate this registry in November 2019.

The PORP was established with the primary objective of systematically gathering and organizing information on paediatric musculoskeletal (MSK) issues in a structured and scalable manner. The registry initially focuses on Developmental Dysplasia of the Hip (DDH) and will expand its scope to other MSK issues including Perthes, and Paediatric Fractures etc. in the near future. This report highlights the progress made by PORP since its inception and provides into the registry's contribution to advancing an insight paediatric orthopaedic research Pakistan. showcases the dedication and commitment in Ιt of POSP and HealthRAB teams in the successful implementation of this On behalf of the POSP and HealthRAB, I would like to express my heartfelt gratitude and appreciation for Prof. Dr. Anisuddin Bhatti for his outstanding leadership and unwavering commitment towards the successful implementation of this registry. I would also like to thank and congratulate all the participants who have contributed to PORP, making it a valuable resource for improving paediatric orthopaedic care in Pakistan. We look forward to the continued growth and success of this registry.

Sincerely,

Prof. Dr. Syed Shahid Noor

Chairman, Registry Committee, HealthRAB



It is with great honour that I present you the 1st Annual Report of the Pediatric Orthopedic Registry Pakistan (PORP). This report highlights the significant progress made the Paediatric Orthopaedic Society Pakistan (POSP) by Advisory Board (HealthRAB) in establishing Research this HealthRAB, a registered society, is a think tank of senior clinicians, researchers, and academicians committed to developing the health research ecosystem. HealthRAB has established several national disease registries, including the Cardiology, Orthopaedics, Gynaecology, and Diabetes registries. These registries have been instrumental in improving clinical care and developing evidence-based treatment protocols. Establishing national registries is crucial for identifying gaps in care, tracking outcomes, and ultimately improving patient outcomes. PORP is an important step forward for paediatric orthopaedic care in Pakistan and a model for other countries looking to establish similar registries. PORP plays a crucial role in systematically gathering and organizing information on paediatric musculoskeletal issues in a structured and scalable manner. This registry is an important resource for improving the quality of paediatric orthopaedic care in Pakistan. However, it is not just limited to Pakistan; I am positive that PORP will play a pivotal role in improving clinical care and developing evidence-based treatment protocols for paediatric orthopaedic conditions worldwide. A special thanks to Prof. Dr. Anisuddin Bhatti, without his support and leadership, this project would not have been possible. I would like to commend the POSP and HealthRAB teams for their dedication and hard work in establishing the PORP. Their efforts have resulted in an invaluable resource for improving the quality of paediatric orthopaedic care in Pakistan.

Sincerely,

Prof. Dr. Zakiuddin Ahmed General Secretary, HealthRAB



I am privileged to write for Paediatric orthopaedic registry (PORP) as President of Paediatric orthopaedic society of Pakistan (POSP). Prof Annisuddin Bhatti, the then president of POSP was instrumental in developing the registry, the first ever registry for DDH in Pakistan and probably in region as well. Since its inception the registry has grown tremendously and surgeon all over Pakistan are registering there DDH operated cases. The entries have now touched almost 650. Data submitted to PORP is well protected and sharing can be done only with the consent of principle author. I am hopeful that PORP will grow more in near future making it a successful tool too for future research projects

Sincerely,
Prof. Dr. Sikandar Hayat
President, POSP

List of Editors

Prof. Dr. Anisduddin BhattiFounding Director, PORP



Prof. Dr. Zakiuddin Ahmed General Secretary, HealthRAB



Ms. Marium Soomro Coordinator, PORP Manager, HealthRAB



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Introduction to PORP

The Paediatric Orthopaedic Society Pakistan (POSP) initiated a pilot project in November 2019 in Collaboration with Health Research Advisory Board (HealthRAB) to establish the "Paediatric Orthopaedic Registry Pakistan" (PORP).

The objective of this pilot project was to systematically gather and organize information on paediatric musculoskeletal (MSK) issues in a structured and scalable manner. The PORP serves as the primary registry for POSP and will initially focus on three common congenital/developmental MSK issues, namely DDH, Perthes and Paediatric Fractures. The registry will expand to include other MSK issues after a year or two.

This PORP shall be owned by POSP in collaboration with HealthRAB. PORP is supported by an unrestricted research grant by PharmEvo.

To ensure the smooth functioning of PORP, a steering committee and core group have been established with the responsibility of supervising the PORP operations in accordance with the agreed terms of reference.

Aims & Objectives

- To collect, enter & retrieve data of Paediatric MSK problems, procedures carried out in order to establish data base.
- Data that can be used to improve the quality of care prevent disabilities developing among deformities.
- Data to provides actionable information to guide PORP user, for decision-making and research with overall benefit to the patients care & Disability prevention.
 Data that shall be strictly Password protected.
- Cumulative data retrievable by the user in CVS / PDF format for their study & research.
- The PORP may publish cumulative general demographic data for a scientific evidence, that to improve health Policy.

Steering Committee

S. No	Steering Committee Members	Role
1	Dr. Anisuddin Bhatti	Director
2	Dr. Zakiuddin Ahmed	Secretary
3	Dr. Mehtab Ahmed Pirwani	Member
4	Dr. Syed Shahid Noor	Member
5	Dr. Rana Dilawez Nadeem	Member
6	Dr. Mohammad Amin Chinoy	Member
7	Dr. Javed Iqbal	Member
8	Dr. Atiq uz Zaman	Member
9	Dr. Sikander Hayat	Member
10	Dr. Nusrat Rasheed	Member
11	Dr. Saeed Ahmed	Member
12	Dr. M. Aslam Baloch	Member
13	Ms. Marium Soomro	Coordinator

Core Committee

S. No	Core Committee Members	Role
1	Dr. Anisuddin Bhatti	Director
2	Dr. Zakiuddin Ahmed	Secretary
3	Dr. Mehtab Ahmed Pirwani	Member
4	Dr. Rana Dilawez Nadeem	Member
5	Dr. Mohammad Amin Chinoy	Member
6	Dr. Saeed Ahmed	Member
7	Dr. Nusrat Rasheed	Member
8	Ms. Marium Soomro	Coordinator

Participating Institutions by Province

Province	City	Participating Institutions				
		Bolan Medical Complex Hospital				
Balochistan	Quetta	Sheikh Khalifa Bin Zahid Medical Complex				
		Tariq Hospital				
KPK	Peshawar	Khyber Teaching Hospital				
NEK	resnawai	Prime Teaching Hospital				
	Faisalabad	Children's Hospital				
Punjab	Lahore	Ghurki Trust Teaching Hospital				
	Rawalpindi	Benazir Bhutto Hospital				
		Indus Hospital and Health Network (IHHN)				
		Jinnah Postgraduate Medical Center				
		Kutiyana Memon Hospital				
	Karachi	Liaquat National Hospital				
Sindh	Karacni	NMI Hospital Saddar				
		Neurospinal & Cancer Care Institute				
		Saifee Hospital				
		Ziauddin Hospital, Clifton Campus				
	Larkana	Shaheed Mohtarma Benazir Bhutto Medical University, Chandka Medical College Hospital				
	Sukkur	Bhatti Hospital				

Registered Participants

S. No	Names							
1	Dr. Adeel Ahmed Siddiqui							
2	Dr. Anisuddin Bhatti							
3	Dr. Asif Peracha							
4	Dr. Atiq uz Zaman							
5	Dr. Ayesha Saeed							
6	Dr. Badruddin Sahito							
7	Dr. Jagdesh Kumar							
8	Dr. Javed Iqbal							
9	Dr. M. Aslam Baloch							
10	Dr. Malik Waseem Ahmed							
11	Dr. Mehtab Ahmed Pirwani							
12	Dr. Mohammad Amin Chinoy							
13	Dr. Muhammad Jamil							
14	Dr. Nadeem Baloch							
15	Dr. Nusrat Rasheed							
16	Dr. Pervez Ali							
17	Dr. Rana Dilawez Nadeem							
18	Dr. Saeed Ahmed Jadoon							
19	Dr. Salik Kashif							
20	Dr. Sikander Hayat							
21	Dr. Syed Shahid Noor							
22	Dr. Zaki Idrees							
23	Dr. Zamir Ahmed Soomro							

Contributors

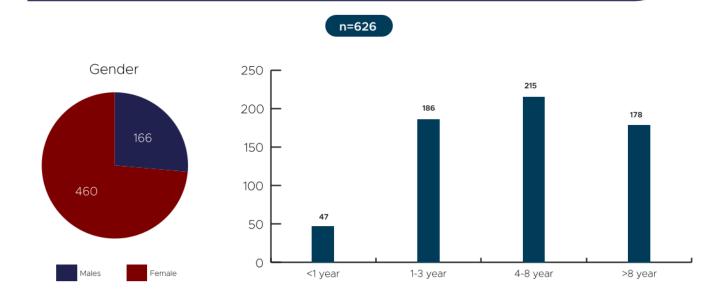
S. No	Names						
1	Dr. Amin Chinoy						
2	Dr. Anisuddin Bhatti						
3	Dr. Asif Paracha						
4	Dr. M. Aslam Baloch						
5	Dr. Atiq Uz Zaman						
6	Dr. Ayesha Saeed						
7	Dr. Javed Iqbal						
8	Dr. Muhammad Jamil						
9	Dr. Pervez Ali						
10	Dr. Saeed Ahmad Jadoon						
11	Dr. Zamir Ahmed Soomro						

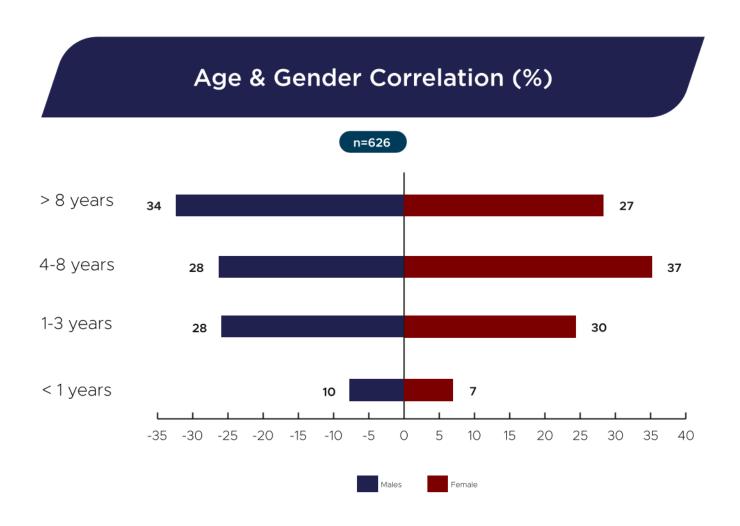
Data Report 2022 - 2023

Number of Enrolled Cases: 626

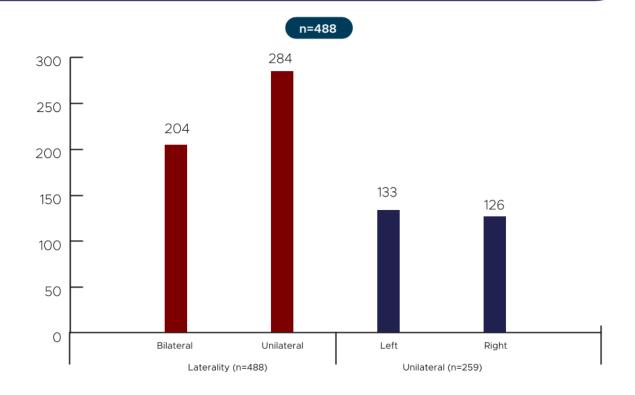
Baseline

Age & Gender Of Respondents

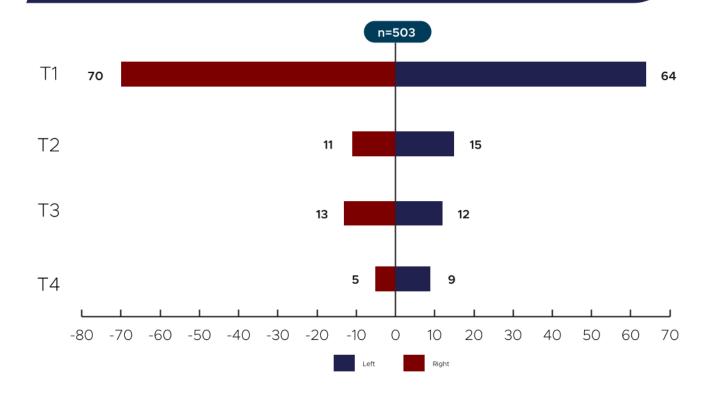




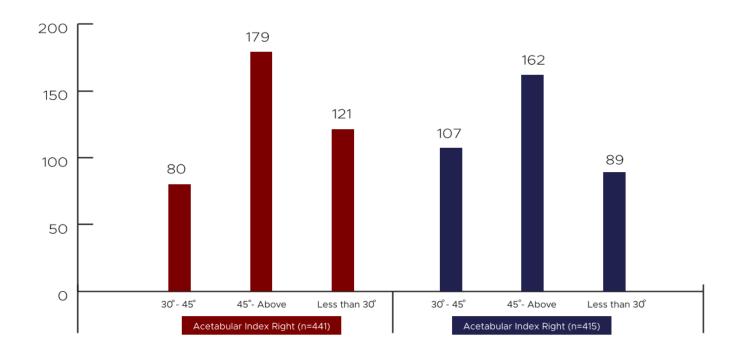
Laterality: Unilateral & Bilateral



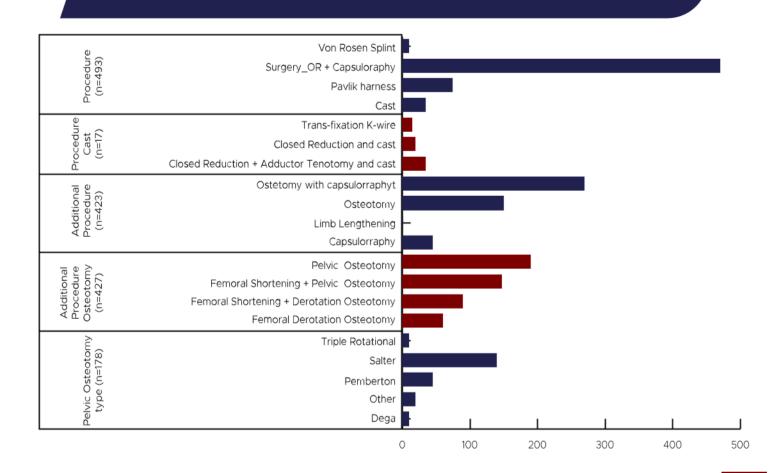
Tonnis Height Dislocation



Acetabular Index



Procedures Performed

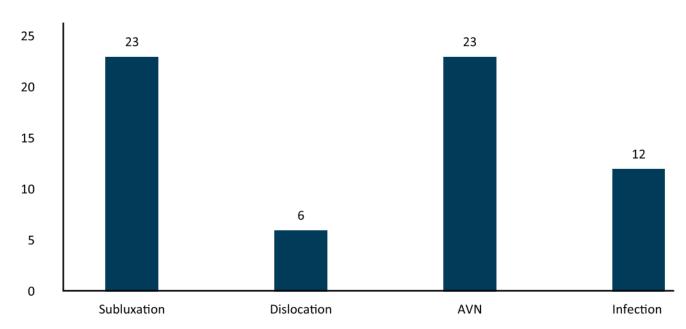


Follow-Up

Follow-Up Duration	N (%)
< 1 year	461 (95)
1-3 years	13 (3)
3-7 years	6 (1)
7 - 10 years	1 (0)
> 10 years	2 (0)
Total	*483 (100)

^{*} Follow-up cases not entered / loss to Follow-up

Type of Complications



*Single complication: 48 cases Multiple complications: 8 cases

Case Report Forms

Disease Index Form

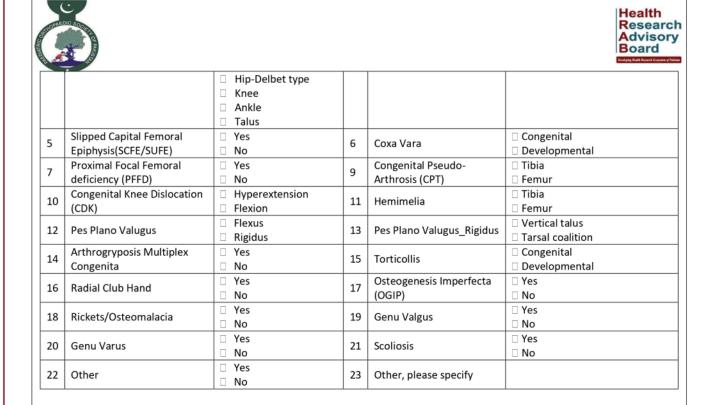




Paediatric Orthopaedic Registry Pakistan (PORP)

A.	Demographic Data				
1	Registration/MR No		2	Visit Date	
	Consent: Informed	□ Yes	4	Patient Name	
	consent taken from	□ No			
3	parents/ guardian for				
	registry, photographs				
	and publication				
5	Father Name		6	DOB	
		□ Week			
7	Age	☐ Month	8	Gender	□ Male
'	1.6-	□ Year	-		☐ Female
9	Province	Sindh Punjab Balochistan Khyber Pakhtunkhwa Gilgit Baltistan Azad Kashmir	10	Karachi	Peshawar Abbottabad Mardan Nowshera Dera Ismail Khan Astore Bunji Chilas Danyor Gahkuch Gilgit Skardu Hunza Muzaffarabad Mirpur Rawal Kot Kotli Dhir Kot Bagh Hajira Bhimbar Plandri Chakswari
11	Hospital		12	☐ Gwadar ☐ Contact # 1	
13	Contact # 2		14	Parent's NIC#	
15	Email ID		16	Assessment done by	
В.	Disease Index: Group A	4	1 22	,	
1	Club Foot	☐ Yes ☐ No	2	Development Dysplastic Hip (DDH)	☐ Yes ☐ No
C.	Disease Index: Group E	3			
1	Perthes	☐ Yes ☐ No	2	Pediatric Fractures	☐ Upper limb long bones☐ Lower limb long bones
3	Epiphyseal Injuries	☐ Shoulder ☐ Elbow ☐ Wrist	4	Pediatric Trauma Dislocation	☐ Shoulder ☐ Elbow ☐ Hip

Disease Index Form



DDH Baseline Form

Average time to enter baseline data: 2 mins



Health Research Advisory Board

Paediatric Orthopaedic Registry Pakistan (PORP) DDH-Baseline Form

A.	A. Demographic Data										
1	L Registration/MR No 2 Visit Date										
3	3 Consent: Informed consent taken from parents/ guardian for registry, photographs and publication Output										
4	Patient Name					5	Father Name				
6	DOB	7		Age			☐ Week ☐ Month ☐ Year	8	Gend	er	☐ Male ☐ Female
9	Province	Sindh Punjab Balochistan Khyber Pakhtunkhwa		10	City		Karachi Hyderabad Sukkur Larkana Nawabshah Mirpurkhas Shaikapur Jacobabad Khairpur Lahore Faislabad Islamabad		Gu Mu Bha Sar Sia Ral Qu Hu	awalpur godha Ikot nim Yar Khan etta b	Gwadar Peshawar Abbottabad Mardan Nowshera Dera Ismail Khan Other:
11	Hospital			12	Cont	act # 1			13	Contact # 2	
14	Parent's NIC #		15 Email ID		IID			16	Assessment done by		
17	Born at	☐ Hospital☐ Home		18 Delivery type		ery	□ Vertex □ Breech		19	MSK screening done	☐ Yes ☐ No
20	MSK deformity/ dislocation noticed at	Birth 6 months 12 months 18 months 24 months More than 2	4 months	21	Associated Deformities		☐ Cleft palate☐ Cleft lip☐ Club foot☐ Knee☐ disloction☐ Other☐	2	22	Family history of DDH/ Other MSK congenital deformity	□ Yes □ No
23	Medications du	ıring	☐ Yes 24 Which medications								
	pregnancy		□ No				during pregna	ancy			
B.	DDH Characte	eristics									
1	Laterality Unilate					Unilateral	□ Right □ Left		☐ Right☐ Left		
3	Tonnis Height Dislocation			4		Tonnis Height Left	ght Dislocation				
5	Acetabular Ind	ex Right	☐ Less t ☐ 30° -				Acetabular In	dex L	eft	☐ Less th☐ 30° - 4☐ 45° an	5°

DDH Baseline Form

ON THE OWNER OF THE OWNER O	6010				Health Research Advisory Board Rodry (200 March 100 March (200 March 100 March 100 March (200 March 100 Ma
7	Double Acetabulum	☐ Yes	8	Previous treatment received	☐ Yes
8	Previous treatment received if yes	□ Pavlik Harness □ Von Rosen Splint □ Triple Diapers □ Cast □ Surgery	9	Previous treratment Surgery	□ OR + Capsuloraphy □ OR + Pelvic Osteotomy □ OR + Femoral Shortening + Pelvic Osteotomy □ OR + Femoral shortening
10	Post operative wound infection	☐ Yes ☐ No	11	Post operative wound infection type	☐ Superficial ☐ Deep
12	Post operative stiffness	☐ Mild ☐ Moderate ☐ Gross ☐ Ankylosis	13	Post operative subluxation	☐ Yes ☐ No
14	Post operative dislocation	□ Yes	15	Post operative Avascular Necrosis	☐ Yes
C	. Current Procedure Performe	│ □ No		Necrosis	□ No
1	Surgeon		2	Assistant	
3	Date		4	Procedure	☐ Pavlik harness ☐ Von Rosen Splint ☐ Triple Diapers ☐ Cast ☐ Surgery_OR + Capsuloraphy
5	Procedure Cast	 Closed Reduction and cast Closed Reduction + Adductor Tenotomy and cast Trans-fixation K-Wire 	6	Procedure Surgery OR + Capsuloraphy Approach	☐ Smith Petersen ☐ Bikini ☐ Medial ☐ Other
7	Additional Procedure	☐ Osteotomy ☐ Ostetomy with capsulorraphy ☐ Capsulorraphy	8	Additional Procedure Osteotomy	☐ Femoral Deotation Osteotomy ☐ Pelvic Osteotomy ☐ Femoral Shortening + Pelvic Osteotomy ☐ Femoral Shortening + Derotation Osteotomy
9	Pelvic Osteotomy type	□ Salter □ Pemberton □ Dega □ San Diego □ Chiari □ Triple Rotational □ Other	10		
10	Remarks				

DDH Follow-up Form

Average time to enter follow-up data: 1 min



Health Research Advisory Board

Paediatric Orthopaedic Registry Pakistan (PORP) DDH-Follow-Up Form

A.	Demographic Data				
1	MR No		2	Follow up Visit Date	
3	Patient Name		4	Father Name	
5	Hospital		6	Follow-up duration	 2 weeks 3 weeks 4 weeks 6 weeks 8 weeks 12 weeks More than 16 weeks
7	Visit recorded by (Dr name)				
В.	Observations/ Procedures				
1	Brace compliance	☐ Good ☐ Fair ☐ Poor	2	Brace weaning	☐ Yes ☐ No
3	Brace weaning duration	☐ 4 weeks ☐ 6 weeks ☐ 8 weeks ☐ More than 8 weeks	4	Post brace discontinuation outcome	☐ Retained☐ Subluxated☐ Dislocated☐ Femoral nerve palsy☐ AVN
5	Post operative status	☐ Febrile☐ Pain	6	Wound inspection (within 2 weeks)	☐ Yes ☐ No
7	Wound inspection side	☐ Right ☐ Left ☐ Both sides	8	Wound type	☐ Dry ☐ Superficial infection ☐ Dehiscence ☐ Deep seated infection
8	Spica cast	No cast□ Discontinued□ Changed□ Repaired	9	Spica cast changed	 2 weeks 4 weeks 6 weeks 8 weeks More than 12 weeks
10	Spica cast repaired	☐ 2 weeks ☐ 4 weeks ☐ 6 weeks ☐ 8 weeks ☐ More than 12 weeks	11	Spica cast discontinuation	 2 weeks 4 weeks 6 weeks 8 weeks More than 12 weeks
12	Spica cast discontinuation reason	☐ Age ☐ Infection ☐ Completion ☐ Subluxation ☐ Dislocation			
C.	Clinical Outcomes				
1	Clinical outcomes Mackay's clinical evaluation	 Excellent (Stable painless hip, Negative trendelenburg, Full ROM) Good (Stable painless hip, Slight limb, Slight decreased ROM) Fair (Stable painless hip, Positive trendelenburg, Limited ROM or a complication) Poor (Unstable hip, Painful hip, Positive trendelenburg) 			
2	Bhatti functional scoring system	☐ Excellent☐ Good		□ Fair □ Poor	

DDH Follow-up Form



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0	+									
D.	Contained Hip									
1	Contained hip (Intact shenton line, Tonnis height {T1, T2}, Acetabular index <30°)	Right Yes No	Left Yes No	2	Contained Hip duration		☐ Weeks ☐ Months ☐ Years			
E.	Radiological outcomes									
1	Radiological outcomes	☐ Class I☐ Class II☐ Class II☐ Class IV☐ Class V☐ Class V☐		2	Class I: Normal	☐ Class Ia ☐ Class Ib				
3	Class la	☐ CE >19° (6-13 years) ☐ CE >25° (14 & above years age)		4	Class Ib	☐ CE >15°-19° (6-13 years) ☐ CE >20°-25° (14 & above years age)				
5	Class II: Moderate deformity of head, femoral neck or Acetabulum	☐ Class Ia☐ Class Ib		6	Class IIa	☐ CE >19° (6-13 years) ☐ CE >25° (14 & above years age)				
7	Class IIb	☐ CE >15°-19° (6-13 years) ☐ CE >20°-25° (14 & above years age)		8	Class III: Dysplasia without Subluxation	☐ CE <15° (6-13 years) ☐ CE < 20° (14 & above years age)				
9	Class IV	☐ CE+/- 0° (Subluxati ☐ CE < 0° (S Subluxati	on) evere	10	Class V: Femoral head articulates with pseudo acetabulum	□ Yes □ No				
11	Class VI: Resdislocation									
F. (Complications									
1	Complications seen	□ Yes □ No		2	Complication seen at		WeeksMonthsYears			
3	Subluxation	☐ Right ☐ Left ☐ Both sides		4	Dislocation	☐ Right☐ Left☐ Both sides				
5	AVN	☐ Right☐ Left☐ Both sides	Left		Infection (Deep)	☐ Right☐ Left☐ Both sides				
7	Stiffness	☐ Yes ☐ No		8	Ankylosis	☐ Yes ☐ No				
9	Shortening/ Lengthening (in cms)	☐ Yes ☐ No		10	Premature Capital Physeal Fusion	☐ Yes ☐ No				
11	Neuro Deficit	☐ Yes ☐ No		12	Neuro Deficit Type	☐ Femoral nerve ☐ Sciatic nerve				
G. I	Post Complication Treatmen	t								
1	Treatment given	□ Conservati □ Redo surge		2	Conservative treatment	☐ Abduction splint☐ Reassurance and mobilization				
2	Redo Surgery	□ OR + Caps □ OR + Pelv	suloraphy ric Osteotomy	3	Pelvic Osteotomy type	□ Salter□ Pemberton□ Dega				

DDH Follow-up Form

HOZA					Resea Advise Board		
		☐ OR + Femoral Shortening + Pelvic			□ San Diego		
		Osteotomy OR + Femoral shortening			□ Other		
Н.	Redo Treatment Outcomes			I .	'		
1	Mackay's clinical score	 Excellent (Stable painless hip, Negative trendelenburg, Full ROM Good (Stable painless hip, Slight limb, Slight decreased ROM) Fair (Stable painless hip, Positive trendelenburg, Limited ROM or a complication) Poor (Unstable hip, Painful hip, Positive trendelenburg) 					
2	Bhatti functional scoring system	☐ Excellent☐ Good☐ Fair☐ Poor	3	Severin's Score			
3	Contained	☐ Yes ☐ No	4	Subluxated	☐ Yes ☐ No		
5	Infection	☐ Yes ☐ No	6	Infection type	☐ Superficial ☐ Deep		
7	Stiffness	☐ Mild ☐ Moderate ☐ Gross	8	AVN type	□ Salter II □ Salter III		
I.	Photograph						
1	Upload Photograph	☐ Yes ☐ No	2	Preoperative Anteroposterior			
3	Preoperative Lateral		3	Postoperative Anteroposterior			
4	Postoperative Lateral						
5	Remarks						

Stakeholders

Paediatric Orthopaedic Society Pakistan

Paediatric Orthopedic Society of Pakistan (POSP), is a registered non-profit Society (KAR NO. 053 of 2019-20 under Societies Act XXI of 1860) of Paediatric Orthopedic Surgeons of Pakistan, who are committed to providing quality care for children with musculoskeletal deformities through research, education, training, and advocacy.



Aims & Objectives

- To encourage, cultivate, propagate and popularize science of pediatric Orthopedics
- The advancement of pediatric orthopaedic surgery in pakistan.
- The enhancement of care for children with musculoskeletal problems.
- To develop and encourage the teaching, research and education of pediatric orthopedics.
- To train professional across of country by providing opportunities & learn the latest evidence based scientific knowledge in the field of pediatric orthopedics by conducting annual/biennial conference, symposia, course, workshops & continuing educational program.

Stakeholders

Health Research Advisory Board

Health Research Advisory Board (HealthRAB) a registered society. It is a "think tank" of senior clinicians, researchers & academicians who are committed to the mission of HealthRAB which is to "Developing Health Research Ecosystem"



Vision:

Improving health globally by developing a relevant & efficient research ecosystem

Leadership:



Chairman
Prof. Dr. Abdul Gaffar Billoo

Professor Emeritus, Department of Paediatrics and Child Care. Aga Khan University Hospital Chairman, HANDS

Vice Chairman Prof. Dr. Abdul Basit

Director, Baqai Institute of Diabetology and Endocrinology Professor of Medicine, Baqai Medical University





General Secretary
Dr. Zakiuddin Ahmed

Adjunct Professor, Digital Health, HSA Project Director, Riphah Institute of Healthcare Improvement & Safety (RIHIS) CEO, Digital Care

Finance Secretary Prof. Dr. Syed Shahid Noor

HoD, Orthopaedic Surgery, Liaquat National Hospital President, Pakistan Arthroplasty Society



Projects:

National Disease Registries

Research Funds

International Medical Research Conference (IMRC)

Research Webinars

Research Awards

National Health Research Award

Capacity Building Workshops

Student Chapters

National Research Policy Document

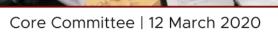
Research Reference Guide

PORP Meetings















PORP Meetings



Core Committee | 24 March 2021



PORP Launch | 1 October 2021



Core Committee | 1 September 2022



Core Committee | 20 September 2022





PORP Inauguration | 6 July 2021

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Research Support from





Born with Deformity! Why to live with Disability

Prof. Dr. Anisuddin Bhatti