



# IAPMRCON 2025

 29<sup>th</sup> January – 1<sup>st</sup> February 2025



## Convention Center, NIMHANS, Bengaluru

53<sup>rd</sup> Annual Conference of the Indian Association of Physical  
Medicine & Rehabilitation (IAPMR)

&

5<sup>th</sup> Annual Conference of Kaveri Association of Rehabilitation  
Medicine (KARM)

Organised by Dept. Of Neurological Rehabilitation, NIMHANS

### THEME

**Breaking Barriers, Building Bridges:  
Advancing Rehabilitation For All**



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Karnataka Chapter of IAPMR



# IAPMRCON 2025

## Faculty Papers (Award & Non-Award) 30<sup>th</sup> January 2025 (Hall B, 08:30 to 09:15)

	Award Papers (8+2min)	Presenter
1	Low-cost Sensor-based Balance Board Training System: Trial for Breaking the Barrier of Cost in NeuroRehabilitation in India	Dr Ambar Konar
2	Rehabilitation outcomes in patients with post-COVID-19 vaccine-associated Guillain-Barre syndrome	Dr Anurag Ranga
3	Effectiveness of High-Frequency Repetitive Transcranial Magnetic Stimulation at ipsilateral site on Motor Function improvement in Stroke Patients – observational study	Dr Mohit Kataruka
	Non-Award Papers (8+2min)	
1	Neglected clubfoot - Still a health challenge	Dr Pabitra Kumar Sahoo

## Free Papers Session I (Hall B, 6+2min) 30<sup>th</sup> January 2025 (16:40 to 18:00)

1.	Analysis of functional status changes in Stroke patients after receiving Multidisciplinary Inpatient Neurorehabilitation at Standalone Rehabilitation Centres in India	Aastik Pankajkumar
2.	"Gait deviations in lower limb kinematics among men with chronic nonspecific low back pain – case control study"	Abinaya Aarthi
3.	Effect of exercise on the functional status, mental well-being in patients with chronic low back pain: a pre-post interventional study	Alhat Vineet Peter
4.	Lived experiences of patients with disabilities in receiving healthcare in hospitals in Kerala: a phenomenological study	Anand Raja D S
5.	Comparison of Duloxetine and Clonazepam on quality of sleep and pain in chronic low back pain	Ankit Sarkar
6.	Assessment of structural integrity of plastic composite prosthetic socket material for transtibial amputees	Anusree Akshay
7.	An observational study of foot pressure analysis in healed diabetic foot ulcer	Apurbalal Sarkar
8.	An interventional comparative study to compare the effect of ultrasound guided methylprednisolone acetate injection versus dextrose prolotherapy in management of plantar fasciitis	Chuka Kumari
9.	Role of transcranial ultrasound in assessing patients with decompressive craniectomy.	Giftline Ruth
10.	To Evaluate Scapular Dyskinesia by Plain Film Radiography in Patients with Unilateral Shoulder Disorders in a tertiary care centre in Chennai- a cross-sectional study	Priyadarshini V.S
11.	Vocational Outcomes and Quality of Life changes in working Vs Non-working Post-Spinal Cord Injury Patients: A Comparative study	Arun Kumar Senapathi

## Free Paper Session II (Hall B, 6+2min) 30<sup>th</sup> January 2025 (18:00 to 19:30)

1.	A Retrospective Analysis of Functional Outcomes Following Post-Acute Inpatient Rehabilitation in Traumatic Brain Injury Patients: A Single-Center Study	Ashish Yadav
2.	A study to compare the effect of add-on intra-articular autologous platelet rich plasma vs standard care in patients with osteoarthritis of knee joint	Chirag Kukreja
3.	Corelation of quadriceps femoris thickness and femoral cartilage thickness assessed with musculoskeletal ultrasound and radiographic staging in unilateral symptomatic knee osteoarthritis- a cross-sectional study.	Divya Lakshmi
4.	"Ultrasound-guided local ozone versus corticosteroid injection in patient with plantar fasciitis at a tertiary care hospital in India - a randomized double-blinded controlled trial"	Parag Goswami
5.	A prospective study to evaluate the effectiveness of ultrasound guided needle fenestration of coracohumeral ligament for the management of adhesive capsulitis in the frozen stage in the department of physical medicine and rehabilitation, Sawai man Singh medical college, Jaipur, Rajasthan	Rishab Bhagwan Meshram
6.	An observational study to determine the association of OA knee and dyslipidemia in a tertiary care hospital in Chennai	Athul Ved Krishnan
7.	AI detected differences between normal and neurologically abnormal gait patterns	Harinath S
8.	An interventional study to evaluate effectiveness of ultrasound-guided erector spinae plane block and trapezius trigger point block versus trapezius muscle injection in myofascial pain syndrome	Himanshi Panwar
9.	Neurorehabilitation in traumatic vs non-traumatic spinal cord injury: A retrospective comparative analysis of outcomes from a newly established rehabilitation medicine department	Indrajit Deshmukh

10.	Quantitative assessment of improvement in balance analysis after implementing Fall Prevention Techniques in patients of osteoporosis	Laiphrakpam Ishwarlal Singh
11.	To assess the static and dynamic parameters of pedobarography in the age group of 18 to 40 years of normal Indian population – a pilot study	Sindhu Sadasivam
12.	An observational study between 25 (OH)Vitamin D and serum testosterone levels in men with chronic traumatic spinal cord injury	Khhyati Jain

## Free Paper Session III (Hall A, 6+2min) 31<sup>st</sup> January 2025 (07:30am to 08:30am)

1	Evaluation of Pulmonary Function test in Traumatic and Non traumatic myelopathy - an observational study	Mariya Babu
2	Comparison of single task training and dual task training on gait, balance and cognitive function in Parkinson's disease	Marlin T Abraham
3	Long term outcomes of children with acquired brain injury following inpatient rehabilitation	Mathews V Kurian
4	Efficacy of single dose of intraarticular prolotherapy and corticosteroid injections in primary knee osteoarthritis – A prospective observational study	Roshan Jana
5	Comparative Prospective Study of Autologous Platelet-Rich Plasma (PRP) Injection vs. PRP Dressing for Treating Chronic Non-Healing Diabetic Foot Ulcers (dfus): A Pilot Study	Anindya Debnath
6	An observational study to determine normative isokinetic parameters of knee flexors and extensors in non-athletic Indian adults	Saamir Aslam K H
7	A study of prevalence and characteristics of Neuropathic Pain in Acute Motor Axonal Neuropathy subtype of Guillain-Barré Syndrome	Sangeeth A P

## Free Paper Session III (Hall B, 6+2min) 31<sup>st</sup> January 2025 (07:30am to 08:30am)

1	A comparative study on efficacy of 6% phenol chemo neurolysis and Ona-botulinum toxin type a in improving gait parameters in post stroke spasticity.	Sheezan Perwez
2	Study of functional correlates of anxiety and depression in patients undergoing inpatient rehabilitation	Shubham Goyal
3	The effectiveness of corticosteroid injection in case of severe CTS (Carpal Tunnel Syndrome): A Prospective Observational Study	Souvik Bhattacharjee
4	An observational study for outcome of chemo denervation by 6% aqueous phenol in the management of regional limb spasticity in spinal cord injury patients at SMS hospital, Jaipur	Srinivas RG
5	Assessment of central fatigue in post-polio syndrome using bereitschafts potential	Vishwas Kumar Anand
6	Balance impairment and its relationship with pain and functional disability in patients with primary knee osteoarthritis: A cross-sectional study	Yambem Hellena Devi
7	A prospective interventional study to determine effectiveness of dextrose prolotherapy injection versus methyl prednisolone acetate injection in patients with chronic lateral epicondylitis	Vishnu Bhardwaj

## PGT Award Papers (Hall A, 7+2min) 1<sup>st</sup> February 2025 (08:00am to 09:30am)

1	Improvement pattern of isokinetic parameters after emg biofeedback training in treatment of subacromial impingement syndrome	Abhirup Sen
2	Predicting the treatment course of clubfoot by pirani scoring system: a prospective evaluation	Aiswarya P
3	Effectiveness of Fluoroscopy-Guided Cryoablation of Genicular Nerves Compared to Steroid and Local Anaesthetic Block in Improving Pain and Function in Patients with Grade 3 and 4 Osteoarthritis of the Knee	Priyanka S U
4	Assessment of musculoskeletal disorders and shoulder dysfunction among spinal cord injured wheelchair users	Tumgam Kaye
5	Comparative study in Percutaneous Adhesiolysis with isotonic saline vs hypertonic saline in management of Failed Back Surgery Syndrome	Harivignesh
6	Evaluating the effectiveness of virtual Rehabilitation in restoration of upper limb motor Function in post-botox injection in stroke survivors	Induja K
7	The Impact of a Structured Pulmonary Rehabilitation Programme in Respiratory Function of Patients with Myelopathies	Krishna B
8	A cross-sectional study – a correlation between plantar fascia thickness and vibration perception threshold in diabetic foot pain	Lavanya Kumar
9	Effect of repetitive transcranial magnetic stimulation on functional outcomes in patients with intracranial mass lesion and post-op hemiparesis undergoing rehabilitation	Merlin V Cherian
10	Effectiveness of ultrasound guided intra-articular injection of platelet rich plasma compared with triamcinolone hexacetonide in improving pain and function in patients with adhesive capsulitis: a randomized controlled trial	Wuppi Miku

## PGT ePoster Award Session (3+2min) (1<sup>st</sup> February 2025, Parallel Session)

1	A walk to hope -a case report of comprehensive rehabilitation approach in a child with CRPS	Amrutha N P
2	Long-Term Functional Outcomes and Rehabilitation in A Patient with Hereditary Sensory Autonomic Neuropathy and Bilateral Trans-Tibial Amputation: A Case Report	Babna Joseph
3	Clinical and genomic spectrum of hereditary spastic paraplegia: A case series	Renu Anna Johnson
4	Assessment of Severity of Neurogenic Bowel Dysfunction, Whole Bowel Transit with Solid Meal and Quality of Life in Spinal Cord Injury	Kuldeep Kumar Swarnkar
5	Idiopathic bilateral winging of scapulae in a previously healthy 12 yr old male child: A case report	Shrutee Shelke
6	Atomoxetine as a potential agent for treatment of orthostatic hypotension in spinal cord injury: a case report	Merrin Mathew
7	"Paediatric hemineglect: Early Diagnosis and Rehabilitation in a Toddler with Post-Ischemic Brain Injury" A case report	Praveenkumar M
8	Do densitometric parameters differ in men with chronic traumatic brain injury (TBI) – A case-control study	Saumya Susan Zacharia
9	Association of neuropathic pain with femoral cartilage thickness and disability in patients of osteoarthritis knee	Shadan Javad P
10	Klippel trenauay syndrome: a rare limb overgrowth syndrome	Varun Thomas Paul P



## Free ePosters

1.	Clinical Presentation and Rehabilitation Outcomes in Post-Coronavirus Disease-2019 Vaccination Longitudinal Extensive Transverse Myelitis: Report of Three Cases with Follow-up at 8 Months	Anurag Ranga
2.	Opercular syndrome: A favourable prognosis	Nitha J
3.	Multidisciplinary Rehabilitation of a 38-Year-Old Female with Susac Syndrome, Listeria Meningitis, and Complex Comorbidities	Saswato Majumdar
4.	Perspectives of rehabilitation on a rare case of hypoglycaemic encephalopathy	Adarsh SS
5.	Decadal Analysis of demographic and Rehabilitation trends in spinal cord injury patients: A Retrospective study at a tertiary care hospital under Rehabilitation care	Aneeta Shaji
6.	Functional outcome of post traumatic wrist deformity after proximal row carpectomy: case report	Ankit Kumar
7.	An observational study to estimate the prevalence of resting bradycardia, resting hypotension and orthostatic hypotension in chronic traumatic spinal cord injury patients in Sawai Man Singh medical college and attached hospitals, Jaipur	Anagha V Nair
8.	Assessment of lipid profile, Body adiposity, bone mineral density and functional status in spinal cord injury patients	Shubham Salwan
9.	Role of ESP BLOCK in a patient with Failed back surgery syndrome.	Tumgam Kaye
10.	Comprehensive management of a case of traumatic genu recurvatum; including orthotics and rehabilitative surgery: a case report	Deshik Nekkallapudi
11.	Shoulder pain in stroke patients with osteoarthritis	Mallikarjun Patil
12.	Unveiling Hirayama Disease: A case report on Cervical Flexion Related Amyotrophy in young adult	Gokul Muralidharan
13.	The Case of the Purple Catheter: PUBS in a Post-Stroke Female with Klebsiella	Induja k
14.	"Multidisciplinary management of Amniotic Band Syndrome (ABS) in a 12year old boy".	Jamshiya Ashraf



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15.	Syndrome of trephined in patients with acquired brain injury undergoing in-patient rehabilitation: a retrospective case series	Joy Darshan Gurindapalli
16.	Function in post- botox injection in stroke survivors	Jyotsan J
17.	Comparing the clinical efficacy of traditional overground gait training and treadmill gait training in transtibial amputee patients of levels K1, K2, K3, K4 with various prosthetic gait deviations.	Khuraijam Rabindra
18.	Factors influencing acceptance of disability in individuals with spinal cord injury in tertiary care hospital, Cuddalore	Kishore Pandiyan
19.	A Rare Case of Alveolar Soft Part Sarcoma	Manikeshava Rambala
20.	A Cross-Sectional Study to Assess Neurogenic Bowel Dysfunction, Quality of Life and Activity & Participation in Spinal Cord Injury- an Interim Study Analysis	Margaret Chabungbam
21.	Transient osteoporosis of hip: a case report	Marlin T Abraham
22.	Bilateral Supracondylar Femoral Fragility Fractures in an Individual with Chronic Spinal Cord Injury	N C Chandini
23.	Advancing Fibromyalgia Therapy: A Case Report on the Efficacy of Transcranial Magnetic Stimulation	Nagma Sheenam
24.	Comparison of ultrasound guided pulsed radiofrequency ablation and bupivacaine block of genicular nerve for the treatment of knee osteoarthritis: A Randomized controlled trial	Songku Manyu
25.	Rehabilitation outcomes in a case of traumatic spinal cord injury with multiple medical complications: A case report	Vikram Pratihast