



MAHATMA GANDHI MISSION

MGM INSTITUTE OF PHYSIOTHERAPY

MGM Campus, N-6, CIDCO, Chhatrapati Sambhajanagar - 431003 (Maharashtra - India)

Ph No. : 0240 - 6482000 (Ext. 2914, 15), Email : mgmiop@mgmiop.edu.in

Website : www.mgmiop.edu.in

(Affiliated to Maharashtra University of Health Sciences, Nashik)

LIST OF RESEARCH PROJECTS COMPLETED FOR POST – GRADUATES AND UNDER – GRADUATES FOR THE ACADEMIC YEAR AUGUST 2023-July 2024

PG – Completed

Sr.no	Title	Investigators
1.	Evaluation of shoulder girdle muscles flexibility and myofascial trigger points in patients with frozen stage of Adhesive Capsulitis.	Gauri Khandate Dr Surendra Wani
2.	Comprehensive evaluation of functional outcomes in patients with adhesive capsulitis using International Classification of Functioning, Disability and Health model : a cross-sectional study.	Vaishnavi Lakhotiya Dr Surendra Wani
3.	"Performance-based and electrophysiological functions of upper limb in people with Type 2 Diabetes Mellitus – A cross-sectional study."	Prachi Mutha Dr Surendra Wani
4.	Effect of Blood Flow Restriction and Retro-walking on Functional Ability in Individuals with Anterior Cruciate Ligament Reconstruction- A Pilot Study	Chinmayee Shah Dr. Sanket Mungikar
5.	Effectiveness of High-Load Strength Training on Pain, Self-Reported Function and Kinesiophobia in Patients With Plantar Fasciitis - A Pilot-Randomized Controlled Trial	Esha Kendre Dr. Sanket Mungikar
6.	Effectiveness Of Electrical Stimulation With And Without Pelvic Floor Muscle Training In Improving Quality Of Life And Erectile Dysfunction Among Sedentary Middle-Aged Population- A Pilot Randomized Controlled Trial	Anuj Unhale Dr. Sanket Mungikar
7.	Evaluation of Patients' Perceptions towards the Illness of their Chronic Low Back Pain in Hindi Speaking Population: A Cross-sectional Survey.	Akanksha Khatod Dr Kapil Garg
8.	Immediate effect of Diaphragmatic Myofasial release on pain, thoracic mobility and lumbar joint proprioception in patients with chronic non - specific low back pain : A Randomised Controlled Trial	Janhavi Mahure Dr Kapil Garg
9.	Effect of neural tissue mobilization on pain, disability, balance and fear avoidance in patients with lumbar radiculopathy- A Randomized controlled trial	Neha Baheti Dr Kapil Garg
10.	Effect of unsupervised pelvic floor muscle training on urodynamic profile among individuals with neurogenic bladder following spinal cord injury: A Pilot Randomized Controlled Trial	Shivani Wattamwar Dr Ashwini Kale
11.	Adherence to home based aerobic exercise program for children with neurodevelopmental disabilities-a preliminary study	Utkarsha Zare Dr Mansoor Rehman
12.	Effect of two week virtual-reality mediated motor imagery on motor function in patients with subacute stroke: A Feasibility Study	Shrushti Shah Dr. Gaurav Mhaske



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13.	Effect of Early and Progressive rehabilitation protocol on Fatigue, Functional outcomes and Kinesiophobia in patients with Non invasive Mechanical Ventilator - A Randomized controlled trial	Apurva Vaidya Dr. Vaibhav Kapre
14.	Effect of Buerger's-Allen exercise on lower extremity perfusion among diabetes mellitus patient undergone Coronary Artery Bypass Grafting with saphenous vein harvesting : A randomized controlled trail.	Neha Thakare Dr. Manish Shukla
15.	Effect of Soft Tissue Manual Therapy on Pulmonary Function, Respiratory Muscle Strength and Functional Capacity in patients with Chronic Kidney Disease Undergoing Hemodialysis - A Randomized Controlled Trial.	Neeraj Vishwakarma Dr. Manish Shukla
16	Efficacy of inspiratory muscle training on sleep quality and inspiratory muscle strength in patients with chronic kidney disease undergoing maintenance dialysis: A Randomized controlled Trial	Shravani Bapat Dr. Santosh Dobhal
17	effect of myofunctional therapy on mouth opening, quality of life and sleep quality in post operative oral cancer patients - A randomized controlled trial	Sumeet Keode Dr. Santosh Dobhal
18	Effectiveness of Home Based Unsupervised Structured Scapular Stabilization Exercise for Prevention of Scapular Dyskinesia among Breast Cancer Surgery patients- A Quasi experimental pilot study.	Aishwarya Vishnupurikar Dr. Doss Prakash
19	"Effectiveness of Modified Multicomponent Physical Exercise Program on Fear of Fall and Health related Quality of Life in Community Dwelling Older Adults with Cardio Metabolic Multimorbid Health Conditions - A Quasi-Experimental Pilot Study."	Nidhi Kalani Dr. Doss Prakash
20	Effect of Cardiorespiratory Fitness Training on Pulmonary Function Among Older Adults with Restrictive Spirometry Pattern : A Pilot Quasi Experimental Design	Chandralekha Patke Dr. Srilatha Girish
21	Comparison of lower limb muscle activity between lumbopelvic hip complex and lower leg dysfunction during overhead squat in badminton players- A cross sectional study	Siddhi Dalvi Dr. Sarath Babu
22	Comparison between Motor Learning Strategies and Hip, Knee Muscle strengthening on cutting movement in kabaddi players: Implications for preventing ACL injury - A Pilot Randomized Controlled trial	Mayur Phale Dr. Sarath Babu
23	Effectiveness of hip and core muscle training Vs gait retraining on running performance and VO2 max in long distance overstriding runners- A Randomized Controlled Trial	Keshav Singh Dr. Sarath Babu

UG – Completed

Sr.no	Title	Investigators
1	Progressive Evaluation of Activities of daily living and Quality of life in patients with chronic kidney disease undergoing Hemodialysis: An Evaluatory follow-up Study	Shreya Sambhaji Birhade Dr Surendra Wani
2	Impact of quadriceps muscle tightness in low back pain among physiotherapy students- cross sectional study	Sayli Balaji Kapratwar Dr Sanket Mungikar
3	effect of retro walking along with static quadriceps stretching in individuals with OA knee	Bhavana jitendra Mohota Dr Sanket Mungikar
4	Patient satisfaction with physiotherapy services - a cross sectional study	Akanksha Mahendra Chandak Dr Kapil Garg
5	Association of dynamic balance and knee joint proprioception in dominant and non dominant leg in healthy young adults	Ojasvi Nishant Janbandhu Dr Kapil Garg
6	Effect of retro walking on pain, cadence, sit to stand and squatting activities in individuals with knee osteoarthritis - A pilot randomized control trial	Gauri Prashant Joshi Dr Goutami Katage
7	Immediate effect of TECAR therapy vs surged faradic current on muscle spasm and length in individuals with upper trapezius muscle spasm - A randomised clinical trial	Sanjana Vijaysing Rajput Dr Goutami Katage
8	The effect of pain on quadriceps strength, hamstring strength, gluteus medius strength, static and dynamic balance in males aged 50 to 75 years with OA knee	Twinkle Sunil Rathod Dr Goutami Katage
9	Effect of suboccipital release vs Thoracic extension exercises on craniovertebral angle in individuals with forward head posture- A pilot trial	Atib Ul Hasan Ansari Dr Goutami Katage
10	The effect of pelvic floor muscle training on bladder dysfunction among individuals with post radical prostatectomy : a pilot randomized controlled trial	onkar bhagwat raut Dr Ashwini Kale
11	Effect of pelvic floor exercises on nocturnal enuresis among rural children	Shreya Vijaykumar Tare Dr Ashwini Kale
12	Correlation between hand grip strength and writing speed among Indian colligates	Dinesh bibhishan Pandhavl Dr Mansoor Rehman
13	Correlation between physical activities and balance in healthy Indian young adults	Rohini Kundlik Rajguru Dr Mansoor Rehman
14	Understanding foot health - Attitudes and habits among diabetic patients in Marathwada region	Neha Pradip Bedmutha Dr Nawaj Pathan



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15	Prevalence of insomnia related beliefs among family caretaker of stroke survivor-a city based survey	Vishvajit Suresh Waghmare Dr Nawaj Pathan
16	unmasking the burden and sense of competence of caregivers supporting stroke survivors in Maharashtra region	Vedanti Chandrakant Gaur Dr Nawaj Pathan
17	Impact of Dysmenorrhea on postural sway in medical undergraduate students	Dharini Kirankumar Laulkar Dr Nawaj Pathan
18	effectiveness of star excursion balance exercise for balance training in patient with stroke. An experiment study	Nirmohi Udhav Fasate Dr Gaurav Mhaske
19	prevalence of sleep disturbances and rehabilitation outcomes in different stages of recovery in patients with stroke - A observational cross sectional study	Avantika Mahesh Gattani Dr Gaurav Mhaske
20	the relationship between sleep disturbance and functional status in stroke patients	Pranjal Dilip Jaiswal Dr Gaurav Mhaske
21	Stroke patients - A qualitative injury	Janhvi Jayesh Shah Dr Gaurav Mhaske
22	analysis of cognitive function and depressive symptoms in adolescent groups with variable level of physical activity	Vanshika Sushil Matra Dr Mrugnayani Patil
23	association between limb dominance and balance in taekwondo athletes	Prasanna Rajendra Pujari Dr Mrugnayani Patil
24	Are Cardiovascular endurance and Balance differ in different dance styles?	Sakshi Mohan Rajderkar Dr Mrugnayani Patil
25	Immediate effect of cranial base release on cervical muscle endurance and proprioception in forward head posture.	Rasika Pravin Sonone Dr Mrugnayani Patil
26	Pulmonary complications in patients with post operative congenital pediatric cardiac surgery-A descriptive study.	Shivani Bhaskar Ingle Dr Vaibhav Kapre
27	effects of cigarette smoking on respiratory muscle endurance and aerobic capacity in healthy male adults	Shubham Bandu Pawar Dr Vaibhav Kapre
28	learning effect of 6 min walk test on walking distance during phase one rehabilitation in patients with Cabg	Rishabh Amit Shah Dr Manish Shukla
29	Validity and reliability of 2 min walk test to assess functional capacity and spo2 in patients with CKD.	Varnita Ajay Khandelwal Dr Manish Shukla
30	Validity and reliability of 2min step test on Functional capacity in patients with Abdominal Surgery - observation study	vaishnavi nitinrao sonawane Dr Manish Shukla
31	Validity and Reliability of 6 minute peg board and ring test in patients after cardiac surgery	Yashaswi Sunil Dongre Dr Santosh Dobhal
32	Knowledge, attitude and practice regarding obstructive sleep apnoea among physicians in aurangabad	Prapti Sabne Dr Santosh Dobhal
33	Cross-Cultural Adaptation Of Stop Bang Questionnaire: Its Validity And Reliability	Avani Amal Bhavsar Dr Abhishek Mishra
34	Impact of cigarettes smoking on Undergraduates' Lung health and functional performance	Rohit Deepak Ahirrao Dr Abhishek Mishra



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35	validity and reliability of 6 min peg board ring test in type 2 diabetic patient	Pratiksha Pradeep Dhokrat Dr Abhishek Mishra
36	Knowledge, attitude and practice of renal rehabilitation among physiotherapists in India	Swarnima Vinay Dhote Dr Abhishek Mishra
37	reference value of three minute shuttle run test in Indian preschoolers	Vaishnavi Vishwambhar Gade Dr Abhishek Mishra
38	An observational study to analyze physical activity level in type 2 diabetes mellitus patients using modified GPAQ	Akansha Rajesh Dodiya Dr Doss Prakash
39	a cross sectional study to analyse the prevalence of low back pain among physically inactive physiotherapy students	Sanika Girish Khawase Dr Doss Prakash
40	Prevalence and impact of urinary incontinence in post-menopausal female using incontinence impact questionnaire	Riya Sunil Gunwani Dr Doss Prakash
41	Effects of abdominal hypopressive technique on young females with premenstrual syndrome	khan sana tahedis Dr Sanskruti Tahakik
42	knowledge, attitude and practices about urinary incontinence among female athletes in Maharashtra	Madhura Prasad Damkondewar Dr Sanskruti Tahakik
43	Effect of Cognitive Restorative training in the patients with Dysexecutive Syndrome	Sampada Sudhir Joshi Dr Sanskruti Tahakik
44	Effect of neuromuscular exercises on functional performance in patients with mild to moderate OA knee	Samruddhi Avinash Nawade Dr Sanskruti Tahakik
45	The effect of walking on sleep quality in short term hospitalized older adults	Sejal shantilal Jain Dr Ayushi Jain
46	Effect of resistance in combination with walking on pain, fatigue and sleep in females with premenstrual syndrome	Aarti Ashok bidgar Dr Ayushi Jain
47	Risk factors of Work-related Musculoskeletal Disorders among E-commerce Delivery Riders (A Cross-Sectional Study)	Shrikrishna Kishor Kaidgaonkar Dr Ayushi Jain
48	Function and Strength of Wrist and Hand Complex in CrossFit practitioners with and without wrist pain	Puja Mote Dr Ayushi Jain
49	Progressive Evaluation of Activities of daily living and Quality of life in patients with chronic kidney disease undergoing Hemodialysis: An Evaluatory follow-up Study	Shreya Sambhaji Birkhade Dr Surendra Wani
50	Impact of quadriceps muscle tightness in low back pain among physiotherapy students- cross sectional study	Sayli Balaji Kapratwar Dr Sanket Mungikar
51	effect of retro walking along with static quadriceps stretching in individuals with OA knee	Bhavana jitendra Mohota Dr Sanket Mungikar
52	Patient satisfaction with physiotherapy services - a cross	Akanksha Mahendra



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	sectional study	Chandak Dr Kapil Garg
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54	Effect of retro walking on pain, cadence, sit to stand and squatting activities in individuals with knee osteoarthritis - A pilot randomized control trial	Gauri Prashant Joshi Dr Goutami Katage