

Maharashtra University of Health Sciences, Nashik

Physiotherapy Faculty

Inspection Committee Report for Academic Year 2025 – 2026
Attendance Details/ Research Details/ Welfare Scheme Details

Name of College/Institute: Pramiladevi Patil College of Physiotherapy, Miraj.

1	Attendance Uploaded	} Month-wise Biometric attendance to be uploaded by the college on College Website (No hard copies of attendance to be submitted to the University)
	Teaching Staff	
	Non teaching staff	
	Hospital Staff	
	UG & PG Students	
2	Project	Nil
	Research Articles/Publications	Documents Attached
	Research Award (Student/Teacher)	Nil
3	Utilization of Student Welfare Schemes :-	NA
	Earn and Learn Scheme	
	Dhanwantri Vidyadhan Scheme	
	Sanjivani Student Safety Scheme	
	Student Safety Scheme	
	Book Bank Scheme	
	Savitribai Phule Vidyadhan Scheme	
	Bahishal Shikshan Mandal Scheme	
4	Sport participants/Other Activities:	
	i) Information of Student(s) who participated University level & State level Avishkar Competition.	Nil
	ii) Information of Student(s) who participated in Regional Sport Competition & State level Sports Competition.	Om Prakash Vardai Student of II BPT has participated and secured second place in 5 th State Yogasana Sports Championship held at

		Sangamner in Aug 2024
	iii) Information of Student(s) who participated in Cultural Activities.	Nil
	iv) Does the college have NSS Unit?	Yes
5	Whether "Swaccha Bharat Abhiyan" implemented in college	Yes

Verified by The LIC Committee Members



Dean/ Principal Stamp & Signature
Principal

Gulabrao Patil Memorial Trust
Pramilladevi Patil College Of Physiotherapy Mira,

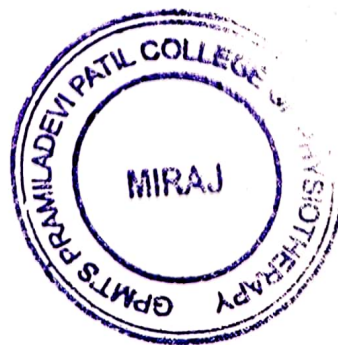
Research Articles/Publications

(TEACHERS)

1. Dr. Aakanksha Joshi : Device for monitoring cardiovascular health in real time published in Indian Patent Advanced Search System on 11/05./2024

2. Dr. Anmol Sonvane: Device for monitoring cardiovascular health in real time published in Indian Patent Advanced Search System on 11/05./2024

3. Dr. Samruddhi S Kandharkar: Comparison of Balance during Dual Task in between cognitively impaired and non impaired individuals with Parkinson's Disease published in Acta Medica International Volume 11 Issue 2 May-Aug 2024



Joshi
Principal
Gulabrao Patil Memorial Trust
Pramiladevi Patil College Of Physiotherapy



Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India



Application Details

APPLICATION NUMBER	202421037288
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/05/2024
APPLICANT NAME	1. Dr Aakanksha Joshi 2. Dr Sonavane Anmol S 3. Dr Sachin B Jadhav
TITLE OF INVENTION	DEVICE FOR MONITORING CARDIOVASCULAR HEALTH IN REAL TIME
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	patent.vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	--
REQUEST FOR EXAMINATION DATE	
PUBLICATION DATE (U/S 11A)	14/06/2024

Comparison of Balance during Dual-Task in-between Cognitively Impaired and Nonimpaired Individuals with Parkinson's Disease

Samruddhi Sunil Kandharkar, Sayli S. Paldhikar

Department of Neuro Physiotherapy, MAEER's Physiotherapy College, Pune, Maharashtra, India

Abstract

Introduction: Parkinson's disease manifests as bradykinesia, stiffness, tremors, and abnormalities in gait and balance. When performing dual activities, people with cognitive impairments exhibit noticeable alterations in mobility. The purpose of this study was to determine whether balance during dual tasking is related to cognitive deterioration. The aim was to compare balance during dual-task in-between cognitively impaired (CI) and nonimpaired individuals with Parkinson's disease. The objective was to evaluate balance using timed up and go test (TUG), TUG-manual (TUG-m), and TUG-cognitive (TUG-c) and to compare its scores in both the groups. **Materials and Methods:** It was a cross-sectional observational study carried out at outpatient department and Parkinson's societies. The sampling technique was purposive sampling, and the sample size was 22. Subjects were divided into two groups (by stratification method) according to Montreal Cognitive Assessment (MOCA) scores as CI and nonimpaired group. Both groups performed TUG with manual task and cognitive task. The time taken to complete all TUG tests was measured. **Results:** Comparison of TUG between the groups showed a highly significant difference in TUG and TUG-m tests ($P < 0.001$) and a significant difference in TUG-c ($P = 0.028$). **Conclusion:** The study found a significant difference in balance scores, assessed by the TUG test during dual-task conditions, between CI and nonimpaired individuals with Parkinson's disease. This highlights the important role cognition plays in balance regulation in Parkinson's disease.

Keywords: Balance, cognition, dual-task, Montreal cognitive assessment, Parkinson's disease, timed up and go test

INTRODUCTION

All Parkinson's disease patients eventually experience balance issues, but the severity may vary.^[1-4] When dealing with dual-task settings, cognitive techniques are necessary for optimal performance.^[5-7] The idea of including a cognitive component in balance tests is supported by prior research that suggested a link between cognitive function and gait regulation.^[8] That being said, it is still unknown exactly how cognitive impairment affects balance, especially while doing dual-task activities. Cognitive impairments in Parkinson's disease often include deficits in executive function, attention and visuospatial processing, all of which are crucial for maintaining balance. In order to determine whether cognitive impairment can independently determine Timed up and go test (TUG) score under dual-task performance utilizing

TUG, the current study was designed to evaluate the precise function of cognition on balance in completing the dual task in Parkinson's disease. This research is necessary to enhance our understanding of how cognitive deficits impact motor functions and to improve diagnostic and therapeutic approaches for balance issues in Parkinson's disease.

The primary aim of this study was to compare balance during dual task in-between cognitively impaired (CI) and nonimpaired individuals with Parkinson's disease. The objectives of the study were to assess balance using the TUG test, TUG-manual (TUG-m), TUG-cognitive (TUG-c) and to compare different scores of the TUG test in both the groups.

Address for correspondence: Dr. Samruddhi Sunil Kandharkar, Department of Neuro Physiotherapy, MAEER's Physiotherapy College, Talegaon Dabhade, Pune, Maharashtra, India. E-mail: samruddhi.kandharkar7@gmail.com

Submitted: 13-Mar-2024 Revised: 21-Jun-2024

Accepted: 24-Jun-2024 Published: 29-Aug-2024

Access this article online

Quick Response Code:



Website:

<http://journals.lww.com/amit>

DOI:

10.4103/amit.amit_32_24

This is an open access journal, and articles are distributed under the terms of the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 License, which allows others to remix, tweak, and build upon the work non-commercially, as long as appropriate credit is given and the new creations are licensed under the identical terms.

For reprints contact: WKHLRPMedknow_reprints@wolterskluwer.com

How to cite this article: Kandharkar SS, Paldhikar SS: Comparison of balance during dual-task in-between cognitively impaired and nonimpaired individuals with Parkinson's disease. Acta Med Int 2024;11:158-61.

Date: 1/10/24

GPMT PRAMILADEVI PATIL COLLEGE OF PHYSIOTHERAPY, MIRAJ.

CAMP REPORT

NSS - BLOOD DONATION AWARENESS RALLY

On the occasion of National Voluntary Blood Donation day 2024, NSS department GPMT Pramiladevi Patil College of Physiotherapy, Miraj in collaboration with Shree. Vasantdada Patil Blood Donation and Blood Diseases Research Center and Rotary Club, Miraj had participated in awareness rally and conducted Street play in different parts of Miraj. The rally started from Miraj Police Station at 8.00 am and ended at Mahatma Gandhi Chowk Miraj at 10.00 am. The entire program was conducted under the guidance of Dr. Aakansha Joshi and Dr. Anmol Sonavane. Both staff and students participated in this event. The program was concluded by felicitation of the officials of National Service Scheme, Kolhapur Dr. Tanaji Chougule and certificate distribution of certificates to participants.

Total number of staff present : 5

Total number of students participated : 20



Co-ordinator



Principal

Principal

**Gulabrao Patil Memorial Trust
Pramiladevi Patil College Of Physiotherapy**



GPMT SCHOOL of PHYSIOTHERAPY

Pramiladevi Patil College of Physiotherapy, Miraj

DATE : 02/10/2024

ACTIVITY

SWACHH BHARAT ABHIYAAN

On the occasion of Mahatma Gandhi Jayanti, Swachh Bharat abhiyaan was organized by GPMT PPCOP in Ambedkar Garden, Miraj. The Abhiyaan started at 10 am and ended at around 1 pm. With proper safety measures cleaning of the garden was conducted. Both staff and students participated enthusiastically.

Staff participated : 6

Students participated : 27

Coordinator



Principal

Principal

Gulabrao Patil Memorial Trust
Pramiladevi Patil College Of Physiotherapy

MAHARASHTRA
YOGASANA SPORT
ASSOCIATION
"It spread the yoga"



MAHARASHTRA YOGASANA SPORT ASSOCIATION

(Regd No. MH01/2021 Ahmednagar)

Malpani House, I. G. Road, Sangamner - 422 605, District - Ahmednagar

Affiliated to Yogasana Bharat (Regd.)

(Recognised by Ministry of Youth Affairs and Sports, Govt. of India)

In Association With

BRIHAN MAHARASHTRA YOGA PARISHAD

(Regd No. MH632/1977 Amravati, P.T.No. F758 Amravati)

Hanuman Vyayam Prasarak Mandal, Amravati - 444 605

(Recognised by Maharashtra Olympic Association and Sports Council of Maharashtra)

Organise

5TH MAHARASHTRA STATE YOGASANA SPORTS CHAMPIONSHIP

CERTIFICATE OF MERIT

Certificate No. : MYS/A/5/SJ-J-S/ 1173

This is to Certify that

Om Prakash Varadai

Representing

Kabhajura

District has

Participated as a Competitor and Secured

2nd

Place in

Traditional Individual / Artistic Single / Artistic Pair / Rhythmic Pair

event in the Sub-junior / Junior / Senior Group - Boys/Girls

in the 5th State Yogasana Sports Championship held at Dhruv Global School, Sangamner

from 16th to 18th August 2024

Mahesh Kumbhar
Competition Manager
MYSA

Satish Mohagaonkar
Technical Director
MYSA

Rajesh Pawar
Secretary
MYSA

Dr. Arun Khodaskar
Secretary General
BMYP

Dr. Sanjay Malpani
President
MYSA

