

Prof. Mahmoud Yassin Elzanaty

Personal Information:

Date of Birth : 05 Dec., 1979.

Place of Birth : Cairo- Egypt.

Marital Status: Married

Nationality : Egyptian.

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Current job:

- Vice Dean for Education and Student Affairs, Faculty of Physical Therapy (Deraya University).

Education:

Year	Degree	Department, Faculty, and University	Grade
2001	Bachelor Degree in Physical Therapy	B.Sc. in Physical Therapy for Neuromuscular Disorders and its Surgery, Faculty of Physical Therapy, Cairo University, Egypt.	Very Good With Honor
2009	Master degree in physical therapy	M.Sc. degree in Physical Therapy for Neuromuscular Disorders and its Surgery, Faculty of Physical Therapy, Cairo University, Egypt. Thesis title: Effect of ankle training program on dynamic balance in diabetic peripheral neuropathy.	Good
2017	Doctoral degree in physical therapy	PhD degree in Physical Therapy for Neuromuscular Disorders and its Surgery, Faculty of Physical Therapy, Cairo University, Egypt. Thesis title: Effect of Reciprocal Pedaling Exercise on Cortical Reorganization and Gait in Patients with Stroke.	Very Good Good

Licensure:

- Egyptian professional license: Physical Therapist. (2767-2001)

Work Experiences:

From	To	Job	Job description
2023	Till Now	Assistant Professor	Physical therapy department for Neuro-muscular disorders and its surgery, Faculty of Physical Therapy (Cairo & Deraya University)

2017	2023	Lecturer	Physical therapy department for Neuro-muscular disorders and its surgery, Faculty of Physical Therapy (Cairo University)
2009	2017	Assistant Lecturer	department for Neuro-muscular disorders and its surgery, Faculty of Physical Therapy (Cairo University)
2003	2009	demonstrator	Department for Neuro-muscular disorders and its surgery, Faculty of Physical Therapy (Cairo University)
2021	Till now	Fulltime as a Lecturer	Physical therapy department for Neuro-muscular disorders and its surgery, Faculty of Physical Therapy (Deraya University)
2021	2022	Head of Quality Assurance Unit	Faculty of Physical Therapy (Deraya University)
2022	Till now	Vice Dean for Education and Student Affairs	Faculty of Physical Therapy (Deraya University)
2018	2021	Part-time as a Lecturer	Physical therapy department for Neuro-muscular disorders and its surgery, Faculty of Physical Therapy (Deraya University)
2017	2020	Lecturer of Motor Control, Electrodignosis studies and Neurosurgical Physiotherapy	Faculty of Physical Therapy (Cairo University)
2021	Till now	Lecturer of medical terminology, Motor Control, Electrodignosis studies, Neurology and Neurosurgical Physiotherapy	Faculty of Physical Therapy (Deraya University)
2018	2020	Council Secretary of community service and environmental affairs committee	Faculty of Physical Therapy Cairo University
2018	2020	Member in post-graduate control	Faculty of Physical Therapy Cairo University
2018	2020	External examiner Electrodignosis studies.	Faculty of Physical Therapy, October 6 University.
2018	2020	External examiner Electrodignosis studies	Faculty of Physical Therapy, October Pharous University.
2018	2020	External examiner Electrodignosis studies	Faculty of Physical Therapy, October Delta University (2nd term)
2018	2020	External examiner Physical therapy department for Neuro-muscular disorders and its surgery.	Faculty of Physical Therapy, Misr University for Science and Technology (1st and 2nd term)
2018	2020	External examiner Physical therapy department for Neuro-muscular disorders and its surgery.	Faculty of Physical Therapy, October 6 University (1st term)
2018	2021	External examiner Physical therapy department for Neuro-muscular disorders and its surgery.	Faculty of Physical Therapy, Badr University (2nd term)
2018	2020	External examiner Physical therapy department for Neuro-muscular disorders and its surgery.	Faculty of Physical Therapy, MTI University (1 st term)

2018	2020	External examiner Physical therapy department for Neuro-muscular disorders and its surgery.	Faculty of Physical Therapy, Pharous University (2nd term)
2018	2020	External examiner Physical therapy department for Neuro-muscular disorders and its surgery.	Faculty of Physical Therapy, Delta University (1 st term)
2017	Till now	Sharing in performing teaching schedules and teaching lectures.	Department of Physical Therapy for Neuromuscular Disorders &its Surgery, Cairo University.
2017	Till now	Sharing the committee of member staff for oral &practical exams.	Department of Physical Therapy for Neuromuscular Disorders &its Surgery, Cairo University.
2017	Till now	Involved in the setup of exams and the results marking.	Department of Physical Therapy for Neuromuscular Disorders &its Surgery, Cairo University.
2017	Till now	Internal examiner evaluator for under graduate courses.	Department of Physical Therapy for Neuromuscular Disorders &its Surgery, Cairo University.
2003	Till now	Practical training of physical therapy for neurology& neurosurgery under graduate students at various hospitals (El-Kaser EL-Aini, Bolak El-Dakror, rehabilitation center of multiple sclerosis , Out Clinic of Faculty of Physical Therapy.	Department of Physical Therapy for Neuromuscular Disorders &its Surgery, Cairo University.
2003	Till now.	Involved in course team activities and curriculum development for students.	Dept. of Physical Therapy for Neuromuscular Disorders &its Surgery, Cairo University
2003	Till now	Participate in out clinic help for assessment and management of different cases.	Neurology department, Out Clinic of Faculty of Physical Therapy.

Professional Affiliations:

From	To	Job	Job description
28/3/2003	14/05/2009	Demonstrator	At neurology department, faculty of physical therapy, Cairo University
14/05/2009	28/12/2017	Assistant lecturer	At neurology department, faculty of physical therapy, Cairo University
29/12/2017	30/7/2023	Lecturer	At neurology department, faculty of physical therapy, Cairo University
31/7/2023	Till Now	Assistant (Associated) Professor	At neurology department, faculty of physical therapy, Cairo University

Courses & Teaching Skills:	
Title	Year
Work Shop “Therapeutic Management from Infancy to Adult Hood in Individuals with Neuro-Motor Impairments” by training unit, faculty of physical therapy, Cairo University.	March, 2015
Work Shop “Evidence based practice” by training unit, faculty of physical therapy, Cairo University.	26 th -27 th august , 2018
Work Shop “Dry needling basic and advanced”	29 th -30 th November , 2019
Work Shop “systematic review and met analysis in health research “ in deraya university	Summer, 2021
Work Shop “spinal manipulation of the cervical, thoracic and lumbosacral spine for physiotherapy “	27 th -29 th March , 2022

Conferences	
Title	Year
1 st Scientific Conference "updating weight control "faculty of Physical Therapy, Deraya University	23 th February, 2017
19 th CNC (Cairo international neurology conference)	7 th -9 th February, 2018
20 th CNC (Cairo international neurology conference)	13 th -15 th February, 2019
20 th International scientific conference, faculty of Physical Therapy, Cairo University	5 th -7 th April, 2019
3 rd The MS Summit conference	27 th -28 th November , 2019
2 nd international conference for scientific research and its practical application , faculty of Physical Therapy, Cairo University under the title of (community awareness about disability and prophylaxis) as organizer	28 th November , 2019
2 nd scientific conference of Physical Therapy under the title of (No more disability with physical therapy and rehabilitation) as a speaker	11 th -12 th December, 2020
4 th Upper Egypt congress of clinical nutrition and metabolism	2 nd -3 rd June, 2021
3 rd scientific conference of Physical Therapy under the title of (No more disability with physical therapy and rehabilitation)	17 th -18 th December, 2021
2 nd Scientific Conference "physiotherapy inspiring better health "faculty of Physical Therapy, Deraya University. as a speaker	24 th -25 th February, 2022
5 th Upper Egypt congress of clinical nutrition and metabolism	25 nd -26 rd May, 2022

The Faculty and Leadership Development Center (FLDC) Courses After Doctoral :	
Title	Year
❖ Statistical analysis of bio-experiments.	29,30 August ,2018
❖ University management.	16,17 September , 2019

❖ Essential of integrated education.	24,25 March ,2021
❖ Anti-corruption methods .	6,7 August ,2022
❖ Critical thinking .	17,18 August ,2022

**The Fundamentals of digital transformation certificate (FDTC)
Courses After Doctoral:**

Title	Year
❖ Mobile applications .	15 September , 2022

Publications:

International (25)

No	Title	Year	Journal	Country
1	Effect of Bobath Concept Combined with Task-Oriented Exercises on Improving Postural Stability in Chronic Stroke Patients: A Randomized Controlled Trial	2018	International Journal of Clinical and Experimental Neurology	USA
2	The Effect of McKenzie Assessment and Treatment Method on Patients with Chronic Low Back Pain with Radiculopathy, Single Blinded Randomized Controlled Trial	2019	International Journal of Health Sciences	India
3	Effect of Treadmill training on Gait in Multiple Sclerosis patient: A randomized controlled trial	2019	Current Science International	India
4	Efficacy of EMG Biofeedback Cervical Traction on Patients with Unilateral Cervical Radiculopathy	2020	International Journal of Psychosocial Rehabilitation	United Kingdom
5	Patients' Satisfaction with Physical Therapy Services in Out-patient Clinics of Physical Therapy, Cairo University, Egypt, A Cross Sectional Survey Study.	2020	Journal of critical reviews	India
6	Effect of deep neck flexor strengthening on forward head posture: A systemic review and meta-analyses	2020	Annals of Clinical & Analytical Medicine	Turkey
7	Effect of Kinetic Control Retraining on Chronic Low Back Pain With Radiculopathy. A Randomized Controlled Trial Study	2020	International Journal of Applied Exercise Physiology	Iran

8	Efficacy of Cognitive Rehabilitation on Functional Outcomes & Quality of Life in Parkinson's Patients	2020	International Journal of Pharmaceutical Research	India
9	Effect of Extracorporeal Shockwaves on Diabetic Neuropathic Foot	2020	International Journal of Pharmaceutical Research	India
10	A Comparative Study on the Effect of Task Specific Training on Right Versus Left Chronic Stroke Patients.	2020	Int. J. Environ. Res. Public Health	Switzerland
11	Effect of cycling exercise on motor excitability and gait abnormalities in stroke patients.	2021	The Egyptian Journal of Neurology, Psychiatry and Neurosurgery	Egypt
12	Impact of Somatosensory Training on Neural and Functional Recovery of Lower Extremity in Patients with Chronic Stroke: A Single Blind Controlled Randomized Trial	2021	Int. J. Environ. Res. Public Health	Switzerland
13	Therapeutic Efficacy of Transcutaneous Electrical Nerve Stimulation Acupoints on Motor and Neural Recovery of the Affected Upper Extremity in Chronic Stroke: A Sham-Controlled Randomized Clinical Trial	2021	Healthcare.	Switzerland
14	Effect Of Ultrasound Cavitation Versus Phosphatidylcholine Iontophoresis On Central Obesity Hypertensive Women	2021	European Journal of Molecular & Clinical Medicine	United Kingdom
15	Effect of Extracorporeal Shock Wave Therapy on Pain Intensity, Functional Abilities, and Trunk Range of Motion in Patients with Chronic Lumbar Disc Prolapse: A Randomized Clinical Trial.	2021	Fizjoterapia Polska (Polish Journal of Physiotherapy)	Poland
16	Comparing between the effect of underwater and over ground treadmill training on trunk kinematics in stroke patients.	2021/ 2022	Fizjoterapia Polska (Polish Journal of Physiotherapy)	Poland
17	Efficacy of Low Frequency Low Intensity Pulsed Magnetic Field On Fatigue in Persons with Multiple Sclerosis. A Randomized Controlled Trial	2021	Journal of Cardiovascular Disease Research	India
18	Effect of Different Exercise Intensities on Induced Hypoalgesia and Pressure Pain Threshold in Non-Athletic Normal Young Adults	2021	Journal of Cardiovascular Disease Research	India
19	Gait Kinematic Parameters With Different Arm Movements In Stroke	2021	Turkish Journal of Physiotherapy and Rehabilitation	Turkey

	Patients			
20	Influence of Posterior Tibial Nerve Stimulation On Bladder Functions in Diabetic Patients With Neuropathic Manifestations.	2021	Turkish Journal of Physiotherapy and Rehabilitation	Turkey
21	Effect of Aerobic Versus Anaerobic Exercise on Quality of Life in Stroke Patients	2021	International Journal of Human Movement and Sports Science	USA
22	Effect of Electrical Stimulation on Overactive Bladder Secondary to Diabetic Neuropathy	2022	NeuroQuantology	Turkey
23	Effect of Underwater Treadmill Program on Gait Speed, Balance and Lower Extremity Function in Stroke Patients	2022	International Journal of Health Sciences	
24	Effect of Rhythmic Auditory Stimulation On Gait In Patients With Stroke	2023	The Egyptian Journal of Neurology, Psychiatry and Neurosurgery	Egypt
25	Effect of transcranial magnetic stimulation on functional outcome in patients with incomplete spinal cord injury: A randomized controlled study	2023	Fizjoterapia Polska (Polish Journal of Physiotherapy)	Poland

Local (4)

No.	Title	Year	Journal	Country
1	The Effectiveness of Physical Therapy Interventions for Fatigue in Multiple Sclerosis Patients: A Systematic Review	2020	Medical Journal Of Cairo University	Egypt
2	Bilateral Reinforced Arm Swing Versus Single Arm Restraining on Affected Single Limb Support Time in Stroke Patients	2021	Medical Journal Of Cairo University	Egypt
3	Effect of selected exercise program on Quality of Life in Stroke Patients	2021	Medical Journal Of Cairo University	Egypt
4	Role of assistive devices on gait in patients with incomplete spinal cord injury. Systematic Review	2022	The Egyptian journal of hospital medicine	Egypt

Peer-reviews

No.	Title	Journal	Year
1	An in vivo wireless passive electrical stimulation device for promoting axon regeneration and enhancing sensory afferent in crossing nerve transfer	Brain Sciences	2023-09-14
2	Towards Environment-Aware Fall Risk Assessment: Classifying Walking Surfaces Using IMU-Based Gait Data and Deep Learning	Brain Sciences	2023-08-30
3	Audit as a tool for assessing the quality of stroke care: a review	Int. J. Environ. Res. Public Health	2023-02-16
4	Influence of hand starting position on radial line bisection	Int. J. Environ. Res. Public Health	2023-01-23
5	Transcutaneous Electrical Cranial-auricular Acupoint Stimulation Modulating the Brain Functional Connectivity of Mild-to-moderate Major Depressive Disorder: an fMRI study based on independent component analysis	Brain Sciences	2023-01-07
6	Noise interference impacts simple and choice response times during a lower extremity cognitive-motor task	Clinical and Translational Neuroscience	2022-12-15

Student Activities:

- ❖ Family pioneer for Be- positive family from 2021 till 2022.

Presentations:

Site	Type (Poster, Oral presentation)	Year	Country
Work Shop on (Spinal Cord Injuries) at Ministry of health	Oral presentation	15/9/2018 to 18/10/2018 24/11/2018 to 27/12/2018	Egypt
Work Shop on (Stroke Rehabilitation)	Oral presentation (online session)	4/12/2020 to 26/12/2020	Egypt

Language Skills:

Arabic: A native language skill.

English: Proficient; speaking, reading, writing and listening skills.

Computer Skills:

A very good knowledge and proficient of Microsoft applications: Word, Excel, PowerPoint, And Publisher

Published books:

- A. Introduction to Motor Control.**
- B. Introduction to Electro-Diagnosis for Physiotherapist.**
- C. Neurological Physiotherapy.**
- D. Neurosurgical physiotherapy**
- E. Medical terminology**

References

All references are available upon request.