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Title	Assistant professor of biomechanics head of Basic Science Department.
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Faculty	Physical Therapy
Department	Basic science

Education

2002 (BSc) Faculty of Physical Therapy, Misr University for Science and Technology University, Egypt
 2010 (MSc) Faculty of Physical Therapy, Cairo University, Egypt
 2016 (PhD) College of Physical Therapy, Cairo University ,Egypt

Professional Expertise

2023-Present Assistant professor of Biomechanics, head of Basic Science Department, Faculty of Physical Therapy, Deraya University, Elminya, Egypt.
 2016-2023 lecturer of biomechanics Basic science Physical Therapy, Deraya University, Elminya, Egypt.
 2010-2016 Assistant lecturer of biomechanics Basic science Physical Therapy, Misr University for Science and Technology University, Egypt
 2003-2010 Instructor of biomechanics Basic science Physical Therapy, Misr University for Science and Technology University, Egypt

Research Interests

Biomechanics ,Basic science for Physical Therapy.

Selected Publications

- 1- World journal of medical sciences. load displacement changes in plantaris muscle after exposure to different ultrasonic frequencies. 2015;12(2):156-161.
- 2- International Journal of PharmTech Research. Effect of Specific Training Programmes on Hip Musculature Peak Torque in Osteoporotic Patients. 2016;9(8): 103-109
- 3- Int J Physiother Res. Effect of Core and Treadmill Trainings on Skeletal Mineralization in Post-Menopausal Osteoporotic Women. 2017;5(5):2349-2355.
- 4- Int J Physiother. Effect of aquatic versus conventional therapy in treatment of chronic low back pain. 2018;5(6), 184-189.

- 5- Journal of Medical and Clinical Studies. The Effect of Dynamic versus Isometric Resistance Training on Pain and Functioning Among Adults with Osteoarthritis of the Knee.2019
- 6- Bioscience Research. Association between head postural alteration and Acromio-humeral distance in young athletes. 2020;17(1): 90-96.
- 7- International Journal of Psychosocial Rehabilitation, Cervical Collar versus Manual Traction in Patients with Mechanical Neck Pain. 2020;24(8):4670-4678
- 8- International Journal of Applied Exercise Physiology. Effect of Kinetic Control Retraining on Chronic Low Back Pain with Radiculopathy. A Randomized Controlled Trial Study. 2020;9(12):2322-3537
- 9- NeuroRehabilitation. Sensorineural hearing loss imprint on fine motor skills: A pediatric and adolescent innovative study. 2021; 48:285-292
- 10- European Journal of Molecular & Clinical Medicine. Impact of Dynamic balance training on hip musculature moments and stability index in programming total hip arthroplasty. 2021; 08 (02),839-849
- 11- Fizjoterapia polska. The influence of proximal strength of postural stability in individuals with subacute ankle sprain: An observational case control study. 2021; 1(21),188-193
- 12- Turkish Journal of Physiotherapy and Rehabilitation.. Effectiveness of myofascial release technique in treatment of sacroiliac joint hypo-mobility in postnatal women. 2021; 32(3)14133-14138
- 13- SPORT TK Revista Euroamericana de Ciencias del Deporte. Comparison between efficacy of spinal mobilization with leg movement versus McKenzie technique in patients with lumbar disc herniation: Comparative study.2022