

WALAA SAYED MOHAMMAD MOHAMMAD

Personal Information:

Gender : Female
Nationality : Egyptian
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Education:

- 2010** Ph.D. Degree in Biomechanics
Biomechanics Department, Faculty of Physical Therapy, Cairo University.
Grade: 3.9 of 4.0.
Thesis Title: Isokinetic Evaluation of Pelvic Muscles in Osteitis Pubis.
- 2006** M.Sc. Degree in Physical Therapy
Biomechanics Department, Faculty of Physical Therapy, Cairo University
Grade: Very Good.
Thesis Title: Electromyographic Activities of Quadriceps and Hamstring Muscles during Ascending and Descending Stairs of Different Heights.
- 2000** Bachelor Degree in Physical Therapy,
Faculty of Physical Therapy, Cairo University
Grade: Very Good with honors, 82.57%

Licensure:

1. Certified Trainer for quality (TQT) (Oct 2014- till now).
2. Certified Trainer (TOT) (Oct 2014- till now).
3. Saudi Commission for Health Specialties license, Senior Specialist Physical Therapist (2012- May 2019).
4. Egyptian professional license, Specialist Physical Therapist (2006).
5. Egyptian professional license, Practitioner Physical Therapist (2002).

Work Experiences:

Feb 2013 – till now: **Assistant professor, College of Applied Medical Science, Majmaah University**

Sep 2010 – Jan 2013: **Assistant professor, Biomechanics Department, Faculty of Physical Therapy, Cairo University.**

Nov 2006 – Sep 2010: **Lecturer, Biomechanics Department, Faculty of Physical Therapy, Cairo University.**

March 2002 – Oct 2006: **Demonstrator, Biomechanics Department, Faculty of Physical Therapy, Cairo University.**

Professional Affiliations:

July 2015- till now **Reviewer in Journal of Medicine and Medical Sciences.**

Oct 2014- till now **Certified Trainer for Quality.**

- Feb 2012– till now: **Reviewer in the Education in Medicine Journal.**
- Oct 2011– till now: **Reviewer in King Abdulaziz City for Science and Technology (KACST).**
- Feb 2011– till now **Executive Supervisor** for Faculty and Leadership Development Center (FLDC) courses.
- Dec 2008 – till now: **Supervisor for Isokinetic Lab., Motion analysis Lab., Faculty of Physical Therapy, Cairo University.**
- March 2008 – till now: **Committee Member of the leadership and governance of the Physiotherapy College project for the Continuous Improvement and Qualifying for Accreditation Project (CIQAP).**

Publications:

Peer-reviewed Research

- Mohammad W.S.,** El-Sais W.M, Al-eraky O.A. (2017) Effect of testing position and angular velocity on agonist/antagonist ratios of hip muscles. *Isokinetics and Exercise Science*, 25, 25-31. DOI 10.3233/IES-160641.
- Mohammad W.S.,** El-Sais W.M. (2016) Prevalence of Scoliosis among Majmaah University Physical Therapy Students-Saudi Arabia. *International Journal of Medical Research & Health Sciences* 5(10), 187-191.
- Hassan F.F., **Mohammad W.S.** (2015) Isokinetic imbalance of hip abductor/adductor muscles in adolescent idiopathic scoliosis. *Journal of Medical Science and Clinical Research* 3(6), 6116-6121.
- El-Sais W.M., **Mohammad W.S.** (2015) Biomechanical effect of testing positions on hand grip strength. *Journal of Mechanics in Medicine and Biology* 16(2), DOI: 10.1142/S0219519416500263.
- Mohammad W.S.,** Hamza H.H., El-Sais W.M. (2015) Assessment of neck pain and cervical mobility among female computer workers at Hail University. *International Journal of Occupational Safety and Ergonomics* 21(1), 105-110. DOI:10.1080/10803548.2015.1017952
- Mohammad W.S.,** Abdel-aziem A.A., Abdel-Raouf O.R., Elhafez S.M., Nassif N.S. (2014) Isokinetic imbalance of hip muscles in soccer players with osteitis pubis. *Journal of Sports Sciences*, 32(10): 934-939. DOI:10.1080/02640414.2013.868918
- Mohammad W.S.,** Abdelraouf O.R., Abdel-aziem A.A. (2014) Concentric and eccentric strength of trunk muscles in osteitis pubis soccer players. *Journal of Back and Musculoskeletal Rehabilitation* 27(2), 147-152. DOI 10.3233/BMR-130429
- Mohammad W.S.,** El-Sais W.M. (2013) Prevalence of non-specific self-reported back pain among adolescents at Hail Territory-KSA. *Journal of Asian Scientific Research* 3(10), 1036-1045.
- Abdel-aziem A.A., **Mohammad W.S.** (2012) Plantar-flexor Static Stretch Training Effect on Eccentric and Concentric Peak Torque – A comparative Study of Trained versus Untrained Subjects. *Journal of Human Kinetics*, 34, 49-58.
- W.M. Elsaies, **Mohammad W.S.** (2011) Effect of different exercise modes on cardiovascular responses in male runners. *World Journal of Sport Sciences* 5 (3), 191-196.

Mohammad W.S., Abdel-Raouf O.R., Elhafez S.M., Nassif N.S. (2011) Isokinetic Evaluation of Hip Muscles in Osteitis pubis in Soccer Players. Bull Fac Ph Th Cairo Univ 16 (1), 29-40.

Peer-reviewed Books

Mohammad W, Unnikrishnan R, El-Sais W. (2014) Specialized Physical Therapy Techniques: Assessment and Treatment. Saarbrucken: Lap Lambert Academic Publishing. ISBN 978-3-659-57042-1

W.M. Elsaies, Mohammad W.S. (2013) Cardiovascular responses among runners. Saarbrucken: Lap Lambert Academic Publishing. ISBN 978-3-659-32496-3

Presentations:

Physical Therapy Management of Spasticity in Neurological Disorders

Al-Majmaah University, Al-Majmaah, Saudi Arabia, 14 Dec 2016.

Member, organizing committee of the workshop

Injuries Symposium: Prevention and Methods of Treatment and Rehabilitation

Al-Majmaah University, Al-Majmaah, Saudi Arabia, 4-5 May 2016

Poster: Concentric and eccentric strength of trunk muscles in osteitis pubis soccer players.

Member, Organizing committee of the Symposium

1st international conference on clinical teaching/learning in nursing and health science

King Saud Bin Abdulaziz University, Jeddah, Saudi Arabia, February 2014

Workshop: professional/scientific writing.

Scientific Forum for Academic Counseling

Al-Majmaah University, Al-Majmaah, Saudi Arabia, February 2014

Oral presentation: International experiences in Academic Advising.

International Conference of the Polish Society of Biomechanics- BIOMECHANICS 2012.

Bialystok, Poland September 2012

Poster: Isokinetic Evaluation of Hip Muscles in Osteitis pubis in Soccer Players.

The scientific symposium of The General Physical Therapy Syndicate

Alexandria, Egypt, 8-31 August 2008

Oral presentation: Role of Physical Therapy in Sports Injuries.

Courses & Teaching Skills:

-Self-Study for Institution (June 2015)

-Mind Mapping (April 2015)

-Using Saudi digital library data base (March 2014).

-E-Survey course (April 2013)

-Statistical analysis course by using "SPSS" program (22 Feb to 7 March 2010).

-The Role of Physical Therapy in Sports Injuries (8 to 31 August 2008).

Conferences and workshops:

- Physical Therapy Management of Spasticity in Neurological Disorders (Dec 2016)
- UpToDate for Faculty Staff (Dec 2016)
- Automated correction device's work for exam paper (Aug 2016).
- Saudi Health Exhibition & Workshops (16-18 May 2016)
- Injuries Symposium: Prevention and Methods of Treatment and Rehabilitation (4-5 May 2016)
- e-training workshop "UpToDate" (Oct 2015)
- Stroke rehabilitation workshop (Dec 2014)

Skills:

Language Skills: **Arabic:** Mother language
English: Very Good.
French: Just a little

Computer Skills: Excellent- ICDL certificate 2008.

Statistical analysis skills by using "SPSS" program (22 Feb to 7 March 2010).