

**PUBLISHED SCIENTIFIC RESEARCHES
2018-19**

1. Abdulla FA, Al-Khamis FA, Alsulaiman AA, Alshami AM. Psychometric properties of an Arabic version of the fatigue severity scale in patients with stroke. *Topics in stroke rehabilitation*. 2019;1-8.
2. Abdulla FA, Alsaadi S, Sadat-Ali M, Alkhamis F, Alkawaja H, Lo S. Effects of pulsed low-frequency magnetic field therapy on pain intensity in patients with musculoskeletal chronic low back pain: study protocol for a randomised double-blind placebo-controlled trial. *BMJ open*. 2019;9(6):e024650.
3. Abdulla FA, Mansi AA. Adaptive trainer for muscle and joint conditioning. US Patent App. 15/590,600; 2018.
4. Abubaker AA, Muaidi Q. The Effect of the Inhibition Technique of the Kinesio Taping on the Triceps Surae Muscle after an Isokinetic Fatigue Protocol. *MOJ Orthop Rheumatol*. 2018;10(1):00384.
5. Alaa I. Ibrahim, Mohammed S. Abdelsalam, Ziad M. Hawamdeh. Effects of Preoperative and postoperative physiotherapy on functional outcome of patients undergoing total hip arthroplasty. *JOSR Journal of Nursing and Health Science (IOSR-JNHS)*, 2018; 7(6): 10-16.
6. AlKhadhrawi N, Alshami A. Effects of myofascial trigger point dry cupping on pain and function in patients with plantar heel pain: A randomized controlled trial. *Journal of Bodywork and Movement Therapies*. 2019.
7. Alzaher FA, Elbasatiny HMY. The Effect of Physiotherapy Program on Hip Pain and Postural Control in Adolescents with Sickle Cell Disease.
8. Ameer MA, Muaidi QI. Effect of Acute Static Stretching on Lower Limb Movement Performance Using STABL Virtual Reality System. *Journal of sport rehabilitation*. 2018;27(6):520-525.
9. Bashir S, Nuhmani S, Dhall R, Muaidi Q. Effect of core training on dynamic balance and agility among Indian junior tennis players. *Journal of back and musculoskeletal rehabilitation*. 2019;32(2):245.
10. El-Ashker S, Chaabene H, Prieske O, et al. Effects of neuromuscular fatigue on eccentric strength and electromechanical delay of the knee flexors: the role of training status. *Frontiers in Physiology*. 2019;10:782.

11. Elsabbagh L, Al-Atwi T, Aldossary D, et al. Cross-cultural adaptation and validation of the STarT Back Tool for Arabic speaking adults with low back pain in Saudi Arabia. *Journal of Orthopaedic Science*. 2019;24(2):200-206.
12. Elsayed W, Farrag A, Muaidi Q, Almulhim N. Relationship between sagittal spinal curves geometry and isokinetic trunk muscle strength in adults. *European Spine Journal*. 2018;27(8):2014-2022.
13. Kachanathu SJ, Zedan AM, Hafez AR, Alodaibi FA, Alenazi AM, Nuhmani S. Effect of shoulder stability exercises on hand grip strength in patients with shoulder impingement syndrome. *Somatosensory & motor research*. 2019:1-5.
14. Muaidi QI. Saudi, Professional League: A Prospective Study of the Injuries and Illnesses Sustained by Professional Soccer Players During the 2015-2016 Season. *Asian Journal of Sports Medicine*. 2019;10(1).
15. Sallam SA, Al-Khamis FA, Muaidi QI, Abdulla FA., Translation and validation of the stroke specific quality of life scale into Arabic. *NeuroRehabilitation*. 2019;44(2):283-293.
16. Shaikh AI, Nuhmani S, Kachanathu SJ, Muaidi QI. Relationship of Core Power and Endurance with Performance in Random Intermittent Dynamic Type Sports. *Asian Journal of Sports Medicine*. 2019;10(1).
17. M Ahsan, B Akhtar, Correlations in Soccer Kicking Performance and Anthropometric .Facet of University's Sports Science Players .*International Journal of Physical Education & Sports Sciences* 14 (2), 175-178
18. Qassim Muaidi, Mohammad Ahsan., Measurement of Visceral Fat, Abdominal Circumference and Waist-hip Ratio to Predict Health Risk in Males and Females. *Pakistan Journal of Biological Sciences* 22 (4), 168-173
19. QI Muaidi, M Ahsan, MI Albaker. A Comparative Study of Body Composition and Sleep Habits Between Male and Female Students. *Journal of Clinical and Diagnostic Research* 13 (4), 5-8

PUBLISHED SCIENTIFIC RESEARCHES 2017-18

1. Abdel-Aziem AA, El-Basatiny HM. Effectiveness of backward walking training on walking ability in children with hemiparetic cerebral palsy: a randomized controlled trial. *Clinical rehabilitation*. 2017;31: 790-797.
2. Ahsan M., An Angular Kinematical Analysis of Soccer Instep and Inside Kick at Impact Phase of University Soccer Players.
3. Ahsan M, Mohammad A., Mental Toughness as A Determinant Factor of Performance In Table Tennis. *European Journal of Physical Education and Sport Science*. 2017.
4. Ahsan M, Mohammad A., Effects of Different Warm-Up Techniques on Dynamic Balance And Muscular Strength on Players: A Study. *European Journal of Physical Education and Sport Science*. 2018.
5. Al Attar WSA, Soomro N, Sinclair PJ, Pappas E, Muaidi QI, Sanders RH., Implementation of an evidence-based injury prevention program in professional and semi-professional soccer. *International Journal of Sports Science & Coaching*. 2018;13: 113-121.
6. Alghamdi RS, Nafee HM, El-Sayed A, Alsaadi SM. A study of school bag weight and back pain among intermediate female students in Dammam City, Kingdom of Saudi Arabia. *Journal of Nursing Education and Practice*. 2018;8: 3.
7. Alowa Z, Elsayed W. P, Does spinal muscles activity differ in females with forward head posture compared to normal posture? *Gait & posture*. 2018;65: 459.
8. Alsubaiei M, Frith P, Cafarella P, et al., COPD care in Saudi Arabia: physicians' awareness and knowledge of guidelines and barriers to implementation. *The International Journal of Tuberculosis and Lung Disease*. 2017;21: 592-595.
9. Ameer MA, Muaidi QI., Influence of increasing knee flexion angle on knee-ankle varus stress during single-leg jump landing. *Journal of Taibah University Medical Sciences*. 2017;12: 497-503.
10. Ameer MA, Muaidi QI., Relation between peak knee flexion angle and knee ankle kinetics in single-leg jump landing from running: a pilot study on male handball players to prevent ACL injury. *The Physician and sportsmedicine*. 2017;45: 337-343.
11. Ameer MA, Muaidi QI., Acute Effect of Static Stretching on Lower Limb Movement Performance by Using STABL Virtual Reality System. *Journal of sport rehabilitation*. 2017: 1-20.

12. Badawy M, Muaidi QI., Cardio respiratory response: Validation of new modifications of Bruce protocol for exercise testing and training in elite Saudi triathlon and soccer players. Saudi Journal of Biological Sciences. 2017.
13. Babul Akhter & Mohammad Ahsan., The Influence of the Club's Infrastructure on the Soccer Coaching Process: Evidence from the Club Representative Longitudinal Survey. European Journal of Physical Education and Sports Science. 2017, Volume 3, Issue 4, pp 40-54, ISSN 2501-1235
14. Badawy MM, Muaidi QI., Aerobic Profile During High-intensity Performance in Professional Saudi Athletes 2018.
15. Belcher JD, Gomperts E, Nguyen J, et al., Oral Carbon Monoxide Therapy in Murine Models of Sickle Cell Disease: Beneficial Effects on Vaso-Occlusion, Inflammation and Anemia: Am Soc Hematology, 2017.
16. Elsayed WH, Alhufair AA, Alghamdi SJ., Impact of different heel heights on spinal posture and muscle activity in young adult women. Bulletin of Faculty of Physical Therapy. 2017;22: 118.
17. Flemban A, Elsayed W., Effect of combined rehabilitation program with botulinum toxin type A injections on gross motor function scores in children with spastic cerebral palsy. Journal of physical therapy science. 2018;30: 902-905.
18. Hasan N, Nuhmani S, Kachanathu SJ, Muaidi QI., Efficacy of complex training on angular velocity of shoulder in collegiate basketball players. J Back Musculoskelet Rehabil. 2018: 1-7.
19. Ibrahim AI, Muaidi QI, Alghamde AA., Abnormalities of Vital Signs in Children with Cerebral Palsy: Relationship to Physical Disabilities. Journal of Developmental and Physical Disabilities. 2018;30: 55-67.
20. Kachanathu SJ, Algarni FS, Nuhmani S, Alenazi AM, Hafez AR, Algarni AD. Functional outcomes of kinesio taping versus standard orthotics in the management of shin splint. J Sports Med Phys Fitness. 2017.
21. Monica Sharma M, Nuhmani S, Deepti Wardhan M, Muaidi QI. Comparison of Lower Extremity Muscle Flexibility in Amateur and Trained Bharatanatyam Dancers and Nondancers. Med Probl Perform Art. 2018;33: 20-25.
22. Muaidi QI., Does gender make a difference in knee rotation proprioception and range of motion in healthy subjects? J Back Musculoskelet Rehabil. 2017;30: 1237-1243.

23. Nawed A, Khan I, Jalwan J, Nuhmani S, Muaidi QI. Efficacy of FIFA 11+ training program on functional performance in amateur male soccer players. *J Back Musculoskeletal Rehabil.* 2018; 1-4.
24. Nuhmani S, Muaidi QI. Patellar Tendinopathy: A Review of Literature. *Journal of Clinical and Diagnostic Research.* 2018;12: YE1-YE6.
25. Santiago RP, Guarda CC, Figueiredo CVB, et al. Serum haptoglobin and hemopexin levels are depleted in pediatric sickle cell disease patients 2018.
26. Shanb AA, Youssef EF, Muaidi QI, Alothman AA. Whole body vibration versus magnetic therapy on bone mineral density in elderly osteoporotic individuals. *J Back Musculoskeletal Rehabil.* 2017;30: 903-912.

PUBLISHED SCIENTIFIC RESEARCHES
2016-17

1. Youssef EF., Shanb AS, Supervised Versus Home Exercise Training Programs on Functional Balance in Older Subjects, Malays J Med Sci. 2016; 23(6): 83–93
2. Enas Fawzy Youssef, Qassim Ibrahim Muaidi, Alsayed Abd elhameed Shanb, Abdullah Ahmed Alothman, Effects of Whole-Body Vibration Versus Magnetic Therapy on Bone Mineral Density in Older Osteoporotic Individuals, Journal of Back and Musculoskeletal Rehabilitation, 2017
3. Mohamed Y. Abdel-Khalik, Shereen A. Mahrous, Alsayed A. Shanab, Abdullah M. Alshehri, Mustafa H. Rashed, Ayman M. Azoz, Morning Blood Pressure Surge as a Predictor of Outcome in Patients with Essential Hypertension, Saudi Journal of Medicine & Medical Sciences; 2017;5:124-9.
4. Ahmed Farrag, and Walaa Elsayed., Habitual Use of High-Heeled Shoes Affects Isokinetic Soleus Strength More Than Gastrocnemius in Healthy Young Females, Foot and ankle international, 09/2016, 37(9).
5. Walaa Elsayed, Asma Alhufair, Seham Alghamdi, Impact of different heel height on spinal posture and muscle activity in young adult females, Brazilian Journal of physical Therapy, 2017
6. Enas Fawzey Youssef, Qassim Ibrahim Muaidi, Alsayed Abdelhameed Shanb, Effect of Laser Therapy on Chronic Osteoarthritis of the Knee in Older Subjects, J Lasers Med Sci; 2016;7(2):112-119
7. Mariam Ameer, Kinematic comparison between single and double leg jump landings in sagittal plane for male handball players, Turkish Journal of Sport and Exercise, 2017
8. Badawy M.M. & Muaidi QI, Cardiorespiratory response: Validation of new modifications of bruce protocol for exercise testing and training in elite Saudi triathlon and soccer players, Saudi Journal of Biological Sciences, 2017.
9. Muaidi Q.I, Gender differences in knee internal/external rotation proprioception and range of motion in healthy subjects. Journal of Back and Musculoskeletal Rehabilitation, 2017
10. Shibili Nuhmani, Current concepts in obesity management, International journal of science and medicine, 2017.

PUBLISHED SCIENTIFIC RESEARCHES
2015-16

1. Manar M. Badawy, The Impact of Low Frequency Ultrasound and Lymphatic Drainage on Triglycerides, Global Journal of Medical Research; 2015
2. Manar M. Badawy, Influence of combined low frequency ultrasound and lymphatic drainage techniques on body fat mass and triglycerides in atherosclerotic patients, International Journal of Chem Tech Research, 2016.
3. A Farrag, W. Elsayed, Hip and knee sagittal angles and muscle activation in stair locomotion: Impact of age and gender, Gait & Posture, 2015.
4. Muaidi QI, Shanb AA., Effects of work demands on physical therapists in the Kingdom of Saudi Arabia. Journal of Taibah University Medical Sciences, Journal of Taibah University Medical Sciences, 2016
5. Orooj M, Nuhmani S, Muaidi QI, Common injuries in field hockey, Saudi J Sports Med. 2016;16:20-7
6. Alabbad MA, Muaidi QI, Incidence and prevalence of weightlifting injuries: An update. Saudi J Sports Med; 2016; 16:15-9.
7. Muaidi QI, Athletic Pubalgia – A Review of Literature, Majmaah Journal of Health Sciences, Sep 2015, 2 (2): 25-335.
8. Muaidi QI, Does Proprioceptive Acuity during active knee rotation in transverse plane vary at different ranges? Journal of Back and Musculoskeletal Rehabilitation, 2016
9. Muaidi Q.I. Shanbi AA., Prevalence, Causes and Impact of Musculoskeletal Disorders among Physical Therapists in the Kingdom of Saudi Arabia. Journal of Back and Musculoskeletal Rehabilitation.,2016
10. Muaidi QI & Alotaibi S.S., Biomechanical Assessments of the Snatch Lift: A Case Study. Majmaah Journal of Health Sciences, 2016.
11. Eman Fayez, The Relationship between Balance and Spinal Deformities in Young Adult Female, Journal of back and musculoskeletal rehabilitation;2016
12. Somaia Salam and Fuad Abdullah, مقياس جودة الحياة لمرضى السكتة الدماغية، مقياس السقوط، ومقياس شدة التعب عند مرضى السكتة الدماغية International Journal of Rehabilitation, 2016

PUBLISHED SCIENTIFIC RESEARCHES
2014-15

1. Ali Ashami, Knee osteoarthritis related pain: a narrative review of diagnosis and treatment, Int'l J Health Sci; February 2014
2. Ali Ashami, Physical and Psychological Aspects of Low Back Pain Among Saudi Patients: A Case-Control Study; Saudi J Med & Med Sci, February 2014
3. Shanb AA & Youssef EF, Effects of Adding Biofeedback Training to Active Exercises after Total Knee Arthroplasty, Journal of Musculoskeletal Research, March 2014
4. Hesham Ezzat, et al; Prevalence of neck pain among the cabin crew in Saudi Airlines; journal of back and musculoskeletal rehabilitation, 2014
5. Hesham Ezzat, et al., The effect of smart phone on bone density of the hand among university of Dammam students; Journal of Musculoskeletal Research (JMR), 2014
6. Hawamdeh, Z.M., Sheikh-Ali, R.F., Alsharif, A., Otom, A.H., Ibrahim, A.I., Alhadidi, F.A., Samarah, O.Q., Dheirat, I.N., and Juweid, M.E., The Influence of Aging on the Association Between Adiposity and Bone Mineral Density in Jordanian Postmenopausal Women; Journal of Clinical Densitometry 2014 Jan-Mar;17(1):143-9, 2014
7. All Ibrahim, Gender Differences in Static and Dynamic Postural Stability Parameters in Community Dwelling Healthy Older Adults; Middle East Journal of Scientific Research; 2014
8. Hesham Ezzat, The Effect of Increasing Hamstring Flexibility on Hamstring Muscles Torque Among Applied Medical Science Female Students In University Of Dammam; Journal of International Academic Research for Multidisciplinary, December 2014.
9. Hesham Ezzat, et al, The Effect of Stretching Pectoralis Majors on Pulmonary Function Test on Asymptomatic Females 'students; Journal of International Academic Research for Multidisciplinary, 2014.
10. Shanb AA & Youssef EF, The impact of adding weight-bearing exercise versus non weight bearing programs to the medical treatment of elderly patients with osteoporosis; Journal of Family and Community Medicine, December 2014
11. Ayman Azoz, et al, Functional and Structural Changes in Soccer Players Heart and the Risk for Sudden Cardiac Death; Saudi Journal of Sports Medicine, Jan 2015
12. Qassim Muaidi & Shanb AA, Assessment of Working Environment of Physical Therapy in the Kingdom of Saudi Arabia. Indian Journal of Physical Therapy, 2015

13. Eman Fayez, Correlation between neck pain and hand grip strength of dentists, international journal of innovation and applied science; Nov.2014.
14. Kim I.J., Slip-Resistance Measurements for Assessing Pedestrian Falls: Facts and Fallacies; Book: Accidental Falls: Risk Factors, Prevention Strategies and Long-Term Outcomes,2015 (*Accepted*)
15. Kim I.J., Practical Design Search for Optimal Floor Surface Finishes to Prevent Fall Incidents, Book: Accidental Falls: Risk Factors, Prevention Strategies and Long-Term Outcomes, 2015 (*Accepted*)
16. Kim I.J., Knowledge Gaps and Research Challenges in the Contemporary Ergonomics, Journal of Ergonomics, 2015.
17. Kim I.J., Wear Observation of Shoe Surfaces: Application for Slip and Fall Safety Assessments, Tribology Transactions;2015 Vol. 58, Issue 3, 407-417
18. Kim I.J., Musculoskeletal Disorders and Ergonomic Interventions, Journal of Ergonomics; 2014 Vol. S4-002, doi:10.4172/2165-7556.S4- e002
19. Kim I.J., Ergonomics in Healthcare and Patient Safety, Journal of Ergonomics; 2014 Vol. 4, Issue 3, doi:10.4172/2165-7556.1000e126
20. Kim I.J., Ergonomics and Musculoskeletal Disorders, Journal of Ergonomics; 2014 Vol. 4: e001, doi: 10.4172/2165-7556.S4-e001
21. Kim I.J., The Current Trends in Ergonomics, Journal of Ergonomics2014 Vol. 4, e122, doi:10.4172/2165-7556.1000e122
22. Saad Al Saad, et al, Assessing Sleep Disturbance in Low Back Pain: The Validity of Portable Instruments PLOS ONE. 2014.
23. Saad Al Saad, et al, Poor sleep quality is strongly associated with subsequent pain intensity for patients with acute low back pain; Arthritis and Rheumatology, May 2014
24. Saad Al Saad, et al, The Bidirectional Relationship between Pain Intensity and Sleep Disturbance/Quality in Patients with Low Back Pain, Clinical Journal of Pain; July 2015
25. Ahmed Farag, et al, Weight knowledge and weight magnitude: impact on lumbosacral loading, Journal of Ergonomics, 2014
26. Ahmed Farag, et al, Changes in muscular activity and lumbosacral kinematics in response to handling objects of unknown mass magnitude, Human Movement Science; 2015
27. Ali Ashami , Prevalence of spinal disorders and their relationships with age and gender, Saudi Medical Journal, April 2015

28. Ali Ashami & Yousef Al Bahrani, A comparison of the attitudes toward chronic low back pain in Saudi, Australian and Brazilian physical therapy students, Journal of Taibah University Medical Sciences; 2015

PUBLISHED SCIENTIFIC RESEARCHES 2013

1. Mohamed Al Maghraby & Ali Ashami, Learning style and teaching method preferences of Saudi students of physical therapy; J Fam & Comm Med December 2013
2. Hesham Ezzat & Mohamed Khalefa, The effect of stretching of pectoralis major on pulmonary function test in asymptomatic females students in university of Dammam; Bul.Fac.Ph.Th. Cairo University, January 2013
3. Hesham Ezzat, The effect of increasing flexibility on hamstring muscle torque among female students of in university of Dammam; Bul.Fac.Ph.Th.Cairo, January 2013
4. Alaa I. Ibrahim, Qassim I. Muaidi, Mohammed S. Abdelsalam, Ziad M. Hawamdeh, Adel A. Alhusaini, Association of postural balance and muscle strength in early and middle school-age boys. Journal of Manipulative and Physiological Therapeutics; 2013; 36(9):633-643
5. Alaa I. Ibrahim, Mohammed S. Abdelsalam, Qassim I. Muaidi, and Ziad M. Hawamdeh, Evaluation of isometric muscle strength and magnitude of hand dominance in right-handed school-age boys. International Journal of Rehabilitation Research, 2013 Jun;36(2):118-26
6. Alaa I. Ibrahim, Adel A. Alhusaini, Fatma A. Hegazy, and Ziad M. Hawamdeh, Effectiveness of foot wedge and carrying weighted bag on loading the paretic lower limb in children with hemiparetic cerebral palsy.; NeuroRehabilitation. 2013 Jan 1;32(3):563-71
7. Shanb AA & Youssef EF, The Effect of Magnetic Therapy and Active Exercise on Bone Mineral Density in Elderly women with osteoporosis, Journal of Musculoskeletal Research, Vol. 15, No. 3 (2012) 1250016 .
8. Shanb AA & Youssef EF, Mobilization Versus Massage Therapy in the Treatment of Cervicogenic Headache; Journal of Back and Musculoskeletal Rehabilitation, 26 (2013) 17–24