

## Mohamed Salaheldien Mohamed Alayat



### Published Papers:

- Ali ME, **Mohamed MS**. Dynamic postural balance in flat feet patients. Bulletin of Faculty of Physical Therapy. Jan. 2011.
- **Mohamed MS**, Ali ME,. Isokinetic Evaluation of Lifting Capacity in Subjects With And Without Low Back Pain. A Case Control Study. Bulletin of Faculty of Physical Therapy. Jul 2011.
- El-Shamy SM, **Mohamed MS**. Effect of Whole Body Vibration Training on Bone Mineral Density in Cerebral Palsy Children. The Indian Journal of physiotherapy and Occupational Therapy. Jan 2012;6(1).
- Mohamed AA, Abd El- Kafy EM, **Mohamed MS**. Leptin and Ventilatory Function Response to Exercise in Obese Boys and Girls: A Comparative Study. Journal of American Science 2012;8(9).
- Thabet AA, **Mohamed MS**, Ali ME, Helal OF. High Intensity Laser Versus low Intensity Laser Therapy in Management of Postmenopausal Osteoporosis. Bulletin of Faculty of Physical Therapy. Jan. 2011.
- **Mohamed MS**, El-Shamy SM, Elfeky AA. Efficacy of surface electrical stimulation in treatment of cerebral palsy patients. A systemic review. Bulletin of Faculty of Physical Therapy. Jan. 2012.
- Ebid AA, Ahmed MT, Mahmoud Eid M, **Mohamed MS**. Effect of whole body vibration on leg muscle strength after healed burns: a randomized controlled trial. Burns. 2012; 38(7):1019-26.
- Helal OF, **Alayat MS**, Mohamed A A. Change in great saphenous vein diameter in response to contrast baths and exercise: a randomized clinical trial. J Am Sci 2013;9(3):476-483.
- **Alayat MS**, Elsodany AM, El Fiky AA. Efficacy of high and low level laser therapy in the treatment of Bell's palsy: A randomized double blind placebo-controlled trial. Lasers Med Sci. 2014 Jan;29(1):335-42.

- Ashraf Abdelaal Mohamed Abdelaal, Hany Farid Eid Morsy Elsisi , **Mohamed Salaheldien Mohamed Alayat**. Lipid profile and hemodynamic response to exercise therapy in type 2 diabetic prehypertensive patients: A follow up randomized controlled trial. *Jokull* 2013;63(5): 290-308.
- Mohamed Ibrahim, Tamer Shousha, **Mohamed El Ayat**. Effect of Mechanical Low Back Pain on Postural Balance and Fall Risk. *Indian Journal of Physiotherapy & Occupational Therapy* 07/2013; vol.7(3):265
- Omar Farouk Helal1, **Mohamed Salah Eldien Mohamed Alayat**, Amir Abdel-Raouf El Fiky, Tamer Mohamed Shousha. Impact of a Single Bout of High-Intensity Arm Ergometer Exercise on Ventilatory Function. 2013; 63(6): 339-56.
- Ebid AA, Abd El-Kafy EM, **Alayat MS**. Effect of Pulsed Nd:YAG Laser in the Treatment of Neuropathic Foot Ulcers in Children with Spina Bifida: A Randomized Controlled Study. *Photomed Laser Surg.* 2013 Dec;31(12):565-70.
- **Alayat MS**, Atya AM, Ali MM, Shosha TM. Long-term effect of high-intensity laser therapy in the treatment of patients with chronic low back pain: a randomized blinded placebo-controlled trial. *Lasers Med Sci.* 2014 May; 29(3):1065-73.
- Mohamed Ibrahim, Tamer Shousha, **Mohamed El Ayat**. Effect of Mechanical Low Back Pain on Postural Balance and Fall Risk. *Indian Journal of Physiotherapy & Occupational Therapy* 2013; 7(3):265.
- Ahmed Mohamed El-Sodany, **Mohamed Salaheldien Mohamed Alayat**, Ayman Mohammed Ismail Zafer. Sustained natural apophyseal glides mobilization versus manipulation in the treatment of cervical spine disorders: a randomized controlled trial. *International Journal of Advanced Research* (2014), Volume 2, Issue 6, 274-280
- Mohamed Ibrahim, **Mohamed El Ayat**, Tamer Shousha Evaluation of postural stability in ptellofemoral pain syndrome patients *Indian Journal of Physiotherapy & Occupational Therapy*.

- Kheshie AR1, **Alayat MS**, Ali MM. High-intensity versus low-level laser therapy in the treatment of patients with knee osteoarthritis: a randomized controlled trial. *Lasers Med Sci.* 2014 Jul; 29(4):1371-6.
- Ehab Mohamed Abd El-Kafy, Mohamed Mohamed Ibrahim Ali, **Mohamed Salaheldien Mohamed Alayat**, Ayman Mohammed Ismail Zafer. High intensity laser versus electromagnetic therapy in treatment of chronic neck pain. *JoKull Journal* 2015;65( 8): 222-234.
- **Alayat MS**, Mohamed AA, Helal OF, Khaled OA. Efficacy of high-intensity laser therapy in the treatment of chronic neck pain: a randomized double-blind placebo-control trial. *Lasers Med Sci.* 2016 May;31(4):687-94.
- Ashraf A.A.M., El-Fiky R.A.A., & **Alayat M.S.** Effects of pulsed electromagnetic field therapy versus extracorporeal shock wave therapy on peripheral circulation and functional balance in patients with diabetic peripheral neuropathy: RCT. *International Journal of Physiotherapy*, 2016; 3 (6), 661-670.
- **Alayat MSM**, Abdel-Kafy EM, Abdelaal AM. H-reflex changes in adolescents with idiopathic scoliosis: a randomized clinical trial. *Journal of Phys. Ther. Sci.* 29: 1658–1663, 2017
- **Alayat MSM**, Abdel-Kafy EM, Elsoudany AM, Helal OF, Alshehri MA. Efficacy of High Intensity Laser Therapy in the Treatment of Male with Osteopenia or Osteoporosis: a Randomized Placebo-controlled Trial. *Journal of Phys. Ther. Sci.* 29(9):1675-1679, 2017.
- Al-Subahi M, **Alayat M**, Alshehri MA, Helal O, Alhasan H, Alalawi A, Takrouni A, Alfaqeh A. The Effectiveness of Physiotherapy Interventions for Sacroiliac Joint Dysfunction: A Systematic Review. *Journal of Phys. Ther. Sci.* 29(9):1689-1694, 2017
- **Alayat MS**, Elsoudany AM, Ali ME. Efficacy of Multi-Wave Locked System (MLS) laser on pain and function in patients with chronic neck pain. A randomized placebo controlled trial. *Photomedicine and laser surgery journal*, 35(8):450-455, 2017.

- Helal OF, Alshehri MA, **Alayat MS**, Alhasan H1, Tobaigy A. The Effectiveness of Short-term High-intensity Exercise on Ventilatory Function, in Adults with a High Risk of Chronic Obstructive Pulmonary Disease. *Journal of Phys. Ther. Sci.* 29: 927–930, 2017.
- Soliman ES, Shousha TM, **Alayat MS**. The Effect of Pain Severity on Postural Stability and Dynamic Limits of Stability in Chronic Low Back Pain. *J Back Musculoskelet Rehabil.* 2017 Jul 31.
- Efficacy of Pulsed Electromagnetic Field on Pain and Function in Chronic Mechanical Neck Pain: A Randomized Controlled Trial. *International Journal of Physiotherapy and Research.* 2017;5(2), 1930-1936.
- The Efficacy of Class IV Diode Laser in the Treatment of Patients with Chronic Neck Pain: A Randomized Controlled Trial. *World Academy of Science, Engineering and Technology, International Journal of Medical and Health Sciences* 2017: 4(1).
- Efficacy of class IV diode laser on pain and dysfunction in patients with knee osteoarthritis. *Bulletin Journal of Physical Therapy*, Jun 2017.
- **Alayat MS**, Aly TH, Elsayed AE, Fadil AS. Efficacy of pulsed Nd:YAG laser in the treatment of patients with knee osteoarthritis: a randomized controlled trial. *Lasers Med Sci.* 2017 Jan 11. doi: 10.1007/s10103-017-2141.
- **Alayat MSM**, Abdel-Kafy EM, Thabet AAM, Abdel-Malek AS, Ali TH, Header EA. Long-Term Effect of Pulsed Nd-YAG Laser Combined with Exercise on Bone Mineral Density in Men with Osteopenia or Osteoporosis: 1 Year of Follow-Up. *Photomedicine and laser surgery* 2018 Feb;36(2):105-111.
- Alshehri MA, Alhasan H, **Alayat M**, Al-Subahi M, Yaseen K, Ismail A, Tobaigy A, Almalki O, Alqahtani A, Fallata B Factors Affecting the Extent of Utilization of Physiotherapy Services by Physicians in Saudi Arabia. *Journal of Physical Therapy Science* 30(2): February 2018.

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