

Yasser Salem, PhD
School of Health Professions
Physical Therapy
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Area of Expertise

Dr. Salem is a researcher, educator, and clinician with expertise in children and adult neurorehabilitation. His research is clinically-based and is parallel to his academic interests. Dr. Salem's research focuses on the development of effective treatment strategies for the rehabilitation of children and adults with neurological deficits. He is specifically interested in developing evidence-based intervention programs for children with cerebral palsy and developmental delay, and adults with neurological impairments and disabilities.

He has collaborated with several national disability organizations to promote the efficacy of exercise programs through community-based access to exercise, supporting greater participation and functional gains for people with neurological disorders. Currently, Dr. Salem is working in collaboration with a faculty member in the department of physical therapy on the investigation of the effects of a wellness exercise program for people with multiple sclerosis, and another study that examines gait parameters using different assistive devices. Currently, Dr. Salem is serving as the director of research for the aquatic section of the American Physical Therapy Association.

Qualifications

PhD in Physical Therapy, University of Central Arkansas
MS in Physical Therapy, Cairo University
BS in Physical Therapy, Cairo University

Recent Publications

Differences in the limits of stability between older rolling walker users and older single-tip-cane users — a preliminary study

Liu, H., Quiben, M. C., Holmes, C., Connors, M. J. & Salem, Y., 1 Mar 2017, In : Rehabilitation Nursing. 42, 2, p. 109-116 8 p.

A home-based exercise program for children with congenital heart disease following interventional cardiac catheterization: Study protocol for a randomized controlled trial

Du, Q., Salem, Y., Liu, H., Zhou, X., Chen, S., Chen, N., Yang, X., Liang, J. & Sun, K., 23 Jan 2017, In : Trials. 18, 1, 38.

Physical Functioning after 1, 3, and 5 Years of Exercise among People with Parkinson's Disease: A Longitudinal Observational Study

States, R. A., Sweeny, T. L., Rossi, A., Spierer, D. K. & Salem, Y., 1 Jan 2017, In : Journal of Geriatric Physical Therapy. 40, 3, p. 127-134 8 p.

Comparison of surface landmarks for measuring the individualized height of rolling walker

Zhao, Y., Salem, Y., Li, M., Master, H. & Liu, H., 1 Jan 2015, In : Physical and Occupational Therapy in Geriatrics. 33, 2, p. 128-138 11 p.

Use of virtual reality gaming systems for children who are critically ill

Salem, Y. & Elokda, A., 1 Jan 2014, In : Journal of Pediatric Rehabilitation Medicine. 7, 3, p. 273-276 4 p.

Effectiveness of a low-cost virtual reality system for children with developmental delay: A preliminary randomised single-blind controlled trial

Salem, Y., Gropack, S. J., Coffin, D. & Godwin, E. M., 1 Sep 2012, In : Physiotherapy (United Kingdom). 98, 3, p. 189-195 7 p.

Long-term group exercise for people with parkinson's disease: A feasibility study

States, R. A., Spierer, D. K. & Salem, Y., 1 Sep 2011, In : Journal of Neurological Physical Therapy. 35, 3, p. 122-128 7 p.

Outcome measures in neurological physical therapy practice: Part I. Making sound decisions

Potter, K., Fulk, G. D., Salem, Y. & Sullivan, J., 1 Jun 2011, In : Journal of Neurologic Physical Therapy. 35, 2, p. 57-64 8 p.

Community-based group aquatic programme for individuals with multiple sclerosis: A pilot study

Salem, Y., Scott, A. H., Karpatkin, H., Concert, G., Haller, L., Kaminsky, E., Weisbrot, R. & Spatz, E., 8 Apr 2011, In : Disability and Rehabilitation. 33, 9, p. 720-728 9 p.

Aquatic therapy for a child with type III spinal muscular atrophy: A case report

Salem, Y. & Jaffee Gropack, S., 1 Oct 2010, In : Physical and Occupational Therapy in Pediatrics. 30, 4, p. 313-324 12 p.

Sponsored Projects

Effect of Combined Whole Body Vibration Therapy with Therapeutic Exercise for Patients with Multiple Sclerosis

Liu, H. (., Holmes, V., Salem, Y., Camp, K. & Quiben, M.
Intramural Research(UNTHSC)
1/07/16 → 31/12/17

Physical Function in Children with Velo-Cardio-Facial Syndrome (VCFS) - 22q11.2 Deletion Syndrome

Salem, Y. & Liu, H. (.
Texas Physical Therapy Foundation
4/11/13 → 4/11/14

Reliability and Accuracy of Measurements of Balance Gear in Young and Older Subjects

Liu, H. (., Salem, Y., Arguello, E. & Quiben, M.
Alexandave Industries
27/06/16 → 27/01/17

Use of Yoga for Young Children with Down Syndrome

Salem, Y. & Liu, H. (.
Intramural Research(UNTHSC)
1/04/14 → 31/08/15

Whole Body Vibration Therapy for Individuals with Acute Stroke

Salem, Y., Liu, H. (. & Richardson, M.
Texas Physical Therapy Foundation
3/11/15 → 3/11/16