
CONGRATULATIONS

Ahlam Salameh, PhD, MSc

Veterans Affairs Rehabilitation Research & Development Career Development Award



The Cleveland FES Center congratulates Ahlam Salameh, PhD, MSc for receiving a Veterans Affairs Rehabilitation Research & Development (VA RR&D) Career Development Award for her project, "Myoelectrolytically controlled device in acute rehabilitation after stroke."

Individuals with stroke experience a high amount of arm functional deficits despite receiving rehabilitation. Functional deficits can be improved by combining motor learning-based practice with innovative rehabilitative tools that target the neurophysiological mechanisms that guide the reorganization process in the brain early after stroke. Dr. Salameh's project aims to explore the feasibility of implementing a myoelectrically controlled orthosis in the acute rehabilitation for people with severe arm deficit after stroke. This study will determine if adding such a technology will improve the clinical outcomes beyond the levels achieved by standard care.

Dr. Salameh joined the Brain Plasticity and NeuroRehabilitation Laboratory at the Cleveland FES Center in April 2019 as a Postdoctoral Fellow working under the mentorship of Svetlana Pundik, MD, MSc.

About the FES Center

The Cleveland FES Center is a consortium of the Louis Stokes Cleveland VA Medical Center, MetroHealth Medical Center, Case Western Reserve University, University Hospitals, and the Cleveland Clinic Neurological Institute. With their support, researchers, engineers and clinicians collaborate together to develop innovative solutions that improve the quality of life of individuals with neurological or other muscular skeletal impairments. Through the use of neurostimulation and neuromodulation research and applications, the Cleveland FES Center leads the translation of this technology into clinical deployment.