

Scientific/Educational Workshop

Workshop information

Workshop responsible :

Gad Alon

Workshop title :

Functional Electrical Stimulation (FES): On the Road to Personalized Intervention.

Workshop goals :

1. Describe the latest developments in non-invasive electrical stimulation, focusing on wearable wireless functional electrical stimulation FES systems
2. Offer an advanced practice model guided by the latest trend in the medical field to focus on patient-centered, personalized intervention
3. Provide templates for clinical decisions regarding screening, testing, and establishing outcome measures specifically tailored to manage upper extremity functional deficits
4. Implement the most effective

Abstract :

Presenting a forward perspective on the topic of personalized functional electrical stimulation (FES) and discussing its potential role in clinical practice is a major challenge, particularly when the goal is to provide clinicians with a guide to bridge the gap between laboratory, clinical research, and clinical practice. This symposium will offer an advanced practice model guided by the latest trend in the medical field to focus on patient-centered, personalized intervention. The course will include discussion of the latest technological advancement in FES systems provide templates for clinical decisions regarding screening, testing, and establishing outcome measures specifically tailored to manage functional deficits. A major portion of the presentation will focus on implementing the most effective treatment plans in the management of locomotion deficits such as improving gait performance and managing upper extremity functions such as grasping, manipulating, moving and releasing objects. The presentation will include life demonstration of the latest wearable, wireless FES systems and numerous videos of actual clinical cases.

Speaker:

Gad Alon