

WHAT IS FES ?

Functional electrical stimulation (FES) applies low-level electrical impulses to generate or suppress activity in the nervous system.

- Enhances functional rehabilitation outcomes for everyday living
- Suppresses unwanted activity (ie. pain, spasticity)
- Mitigates neurological and psychological disorders



U.S. Department of Veterans Affairs
Veterans Health Administration
Office of Research & Development



GET IN TOUCH



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- Brain Health
- Pain Management
- Movement Restoration
- Autonomic Function
- Translation & Clinical Dissemination



www.fescenter.org



“They see people doing things for you. Now I can do these things for myself. People don’t just see a wheelchair sitting there. **They see a person.**”

— Eric, Long time participant in the Hand Grasp Program



CLINICAL TRIALS

- Restoring bladder and bowel function after spinal cord injury
- Hand movement recovery after stroke
- Chronic pain
- Activating paralyzed muscles of the arm and hand
- Cycling for rehab in Parkinson’s Disease
- ...and more



FOCUS AREAS

- Improving quality of life for people with neurological disease, disorders or injuries
- Facilitating professional, transdisciplinary collaborations in neuro-rehabilitation
- Developing new tools and technologies to advance neuromodulation