

Stroke Study

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Therapies for Recovery of Hand Function after Stroke

Researchers at MetroHealth Medical Center, Case Western Reserve University, and the Cleveland Clinic are conducting a study with individuals who have weak or paralyzed arm and hand muscles resulting from a stroke. This research study will compare the effects of three therapies to improve arm and hand movement and function.

12 Weeks of Free Therapy

You will receive one-on-one therapy with a physical or occupational therapist twice a week. You will also be trained how to do specific exercises at home for your hand, which you will be asked to do 10 hours per week (approximately 2 hours per day, 5 days per week).

To qualify for this study, you must:

- Be between the ages of 21 and 90
- Have had a stroke more than 6 months ago but less than 2 years ago
- Have a weak arm and hand
- Be medically stable
- Have enough arm movement to lift and hold up your hand from off a table
- Have no severe shoulder or hand pain
- Be motivated to complete a twice-daily home exercise program

You cannot participate if you have:

- Completely lost feeling (sensation) in the weak arm
- A pacemaker or implanted defibrillator
- Too much hand tightness
- Severely impaired cognition or communication
- Currently receiving rehabilitation therapy to your arm and hand

If you are interested in participating in this study or would like more information please call

(216)-778-5347

Please leave a message with your name and phone number and study personnel will return your call.



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