



WCMC IRB
Approval Date: 1.20.2015
Expiration Date: 1.04.2016

Do you have **hand weakness** caused by **stroke**?



Volunteers are invited to participate in a study to improve motion of the affected **hand** through the use of a portable robotic hand device. The Hand of Hope is a non-invasive device that assists with movement when someone attempts to open and close their hand. Eligible participants will receive 18 treatment sessions over 6 weeks. There are no costs to participate in this study.

To be eligible for participation, you *must*:

- Be 18 years old or over with a history of stroke
- Have enough active movement in the hand to grab and release a small block
- Be able to tolerate arm training for 60 minutes in sitting

You *will not* be able to participate in this study if you:

- Are currently receiving any kind of physical or occupational therapy for your affected arm
- Have received botulinum toxin injections \leq 3 months ago in the affected arm
- Severe muscle tightness in the hand, limiting the ability to fully stretch the hand open and close

This is a 12-week study consisting of 6 weeks of active treatment followed by a 6-week follow up assessment. All study visits will be held in the Rehabilitation Medicine Department (Baker 18 and 21) within NewYork Presbyterian Hospital.

**For further information, please contact Grace Kim in the
Rehabilitation Medicine Dept at 212-746-1356.**