



RECRUITING INFANTS AND TODDLERS WHO HAVE HAD A STROKE

Who is eligible?

Your infant or toddler may be eligible if he or she:

- Had a stroke very early in life
- Shows motor weakness or poor control of movements on one side of the body (often diagnosed as hemiparesis)
- Will be between 8 and 36 months old when treatment is received

Program staff can speak with you to review all eligibility requirements in detail.

What therapy is being offered?

I-ACQUIRE a form of infant and toddler rehabilitation, is being evaluated (in 2 amounts) compared to typical treatments for infants and toddlers with hemiparesis, such as one hour weekly each of occupational therapy and physical therapy. Both forms of I-ACQUIRE involve therapy 5 days a week for 4 weeks in a row, provided by a therapist trained in I-ACQUIRE – the name of this form of constraint-induced movement therapy (CIMT).



Therapy Groups

Participants will be in 1 of 3 groups:
Group 1: I-ACQUIRE 6 hours daily, 5 days per week for 4 weeks.

Group 2: I-ACQUIRE 3 hours daily, 5 days per week for 4 weeks.

Group 3: Continue current therapy. (6 months later participants in this group will have the choice to receive I-ACQUIRE therapy (with the amount of 3 or 6 hours per day assigned by the study).

**Families will sign an agreement when they enroll to accept the therapy group assigned and attend all 3 required assessments.*



<https://www.nihstrokenet.org/i-acquire>

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How can I find out more?

We hope you will consider participating in the study. The findings will be helpful to doctors, therapists, and families. The treatment may benefit your child, but it is possible some children will benefit more than others and some may not show benefits.

To learn more about the I-ACQUIRE study, please contact us. We would love to answer your questions!

Local Phone: (806)-252-4553

Local email:

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National email: I-Acquire@vtc.vt.edu

Where is therapy provided?

Therapy is provided at 12 different locations across the United States. Whenever possible, therapy is provided in your home, a homelike setting (for families who need to relocate for the month of therapy), or a child-care center or early intervention program that your child attends.



Is there a cost for therapy?

Therapy is provided at no cost to all participating families. However, if traveling for therapy, you will need to pay for housing arrangements and travel to all 3 assessments. More information regarding housing options and scheduling assessments will be made available upon enrollment.



I-ACQUIRE therapy involves:

- A cast for your child's more frequently used arm and hand.
- Your child wearing the cast for 3 ½ weeks while receiving I-ACQUIRE therapy.
- For the last 3 days of therapy, the cast will be removed and the focus will be on bimanual therapy.
- Parents participating in 1 therapy session each week and completing a daily home practice program for about 45 minutes each day.

The cast is judged to be clinically safe, although it is removed once a week to check that everything is okay.