

### What is the typical day of therapy?

This will vary upon the protocol you choose. During treatment each day, your child will engage in a variety of functional and play activities based on their treatments goals and developmental level with a team of highly trained therapists to focus on intensive therapy.

### Where is the treatment administered?

Whenever possible, treatment will take place in the child's natural environment. For the month, this may include the home, temporary residence, school, playgrounds, childcare center, or a relative's home. Housing during the month of treatment is not included in the cost of services of The Pediatric Neuromotor Research Clinic; however, for out of town visitors, we can provide information regarding local accommodations.

### How can my child participate in treatment?

Children are treated in the order in which treatment is requested. For more information about scheduling treatment with The Pediatric Neuromotor Research Clinic, please give us a call at the telephone number listed below.

### Can family members participate in treatment?

Parents are encouraged to participate and learn about the treatment process so that you can continue to assist your child and promote the learning of new behaviors even after you leave The Pediatric Neuromotor Research Clinic.

#### Most Recent Publication References

DeLuca, S.C., Case-Smith, J., Stevenson, R., Ramey, S.L. (in press). Constraint-induced movement therapy (CIMT) for young children with cerebral palsy: Effects of therapeutic dosage. J of Ped Rehab Med.

Case-Smith, J., DeLuca, S.C., Stevenson, R, Ramey, S.L. (in press). A multi-center randomized clinical trial of pediatric constraint-induced therapy in children with cerebral palsy. J of Occup Therapy.

DeLuca, S.C., Echols, K., Ramey, S.L. (2007) ACQUIREc Therapy: A Training Manual for Effective Application of Pediatric Constraint-Induced Movement Therapy, MindNurture, Hillsborough, NC.

More reference information is available upon request.

For more information regarding ACQUIREc Therapy, please contact us at:

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Neuromotor  
Research Clinic**

Helping Kids

**ACQUIRE<sub>c</sub>**

A New Approach to Therapy



**With New  
Services**

**A better therapy for a  
better result:**

**since 1999**

## Pediatric Neuromotor Research Clinic (ACQUIREc Therapy)

This clinic was founded (1999) with initial funding from the Alabama Health Services Foundation to fill a critical gap in the availability of effective interventions and supports for children with a wide variety of neuromotor disorders. The Clinic's first endeavor was to develop and study a protocol for Pediatric Constraint-Induced Movement Therapy (CIMT), now known as ACQUIREc Therapy.

Libby, diagnosed with hemiparetic cerebral palsy, was the first enrollee (pictured below).



### Frequently Asked Questions about ACQUIREc Therapy

#### Who is eligible?

Any child with a neuromotor disability. Other requirements include, having no serious uncontrolled seizure disorders, and be medically stable at the time of treatment. To date, we have treated children ranging from ages 7 months to 18 years, with a variety of neuromotor disorders such as cerebral palsy, hemispherectomy, hydrocephaly, and traumatic brain injury (TBI).

#### What treatment options are available?

We are excited to be expanding our services! We are now offering various types of therapy to fit your child's specific needs. To decide which protocol is best for your child, please contact us for consultation.

**Traditional Upper Extremity Protocol (ACQUIREc Therapy):** Casting of unaffected extremity. 6 hours of intense treatment per day, 5 days per week, over a 4 week period. (\$15,000.00 for 20 treatment days)

**Condensed Upper Extremity Protocol:** Casting of unaffected extremity. 3 hours of intense treatment per day, 5 days per week, over a 4 week period. (\$12,000.00 for 20 days of treatment). In 2010, we conducted a multi-site grant comparing 3 vs. 6 hours of intense treatment. According to the findings, the 3 hour dosage can be appropriate for some clients.

**Lower Extremity Protocol:** Intensive therapy focused on the lower extremity without constraint. 4 hours of intense treatment per day, 5 days per week, over a 4 week period. Treatment will involve **80 hours** of therapy by a team of therapists trained in our intensive massed practice approach (\$20,000.00 for 20 days of treatment). We conducted a pilot study of our lower extremity protocol in 2010 with exciting results.

**Intensive Treatment For Lower Functioning Children:** Therapy will take place 5 days per week, over a 4 week period. The intensity of therapy will vary depending on the



child's tolerance level. This therapy is geared towards children with a lower level of function who might benefit from intensive therapy, possibly without the constraint. The treatment plan will be individualized by a team of therapists to meet the specific needs of the child. (\$200/hour up to \$20,000.00)

**What type of cast is used?** If participating in a protocol that requires casting, each child will be fitted with a bivalve cast that is fabricated especially for him or her. The cast will be placed on the child's functional upper extremity, to allow for concentrated therapy and movement of the weaker arm and hand. Therapists will remove the cast weekly to check for skin integrity, allow the child to take a bath without the cast, as well as allow for a few minutes of movement with the functional upper extremity. Family members are asked not to remove the cast.