

This program may be indicated for children with the following conditions:

- Auditory Processing Deficits
- Autism
- Brain Injuries
- Cerebral Palsy
- Developmental Delay
- Fine Motor Deficits
- Hearing Deficits
- Juvenile Rheumatoid Arthritis
- Language Deficits
- Muscular Dystrophy
- Oral Motor Deficits
- Orthopedic Injuries
- Speech Production Deficits
- Spinal Conditions
- Swallow Deficits
- Syndrome Related Deficits
- Torticollis



### *Other programs offered at Nantucket Cottage Hospital Rehabilitation Services:*

- Aquatic Rehabilitation
- Speech Therapy
- Occupational Therapy
- Balance/Vestibular Rehabilitation

### **We also provide treatment for:**

- Work-related injuries
- Back and Neck Pain
- Sports-related injuries

### **Nantucket Cottage Hospital Rehabilitation Services**



A healing, personal approach

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For appointments, please call:

508-825-8191

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**Nantucket Cottage Hospital  
Rehabilitation Services**



# Pediatric Rehabilitation Program

## Pediatric Speech Therapy

### *Oral Motor Deficits:*

- Activities/exercises increase strength of lip, tongue, and facial motions for speech and swallowing.

### *Speech Production deficits:*

- Individual sounds for sentences and conversational speech.
- Increased intelligibility of speech.
- Increased accuracy of speech.

### *Language deficits:*

- Increase ability to use speaking, or language processing (understanding) for communication.
- Increase amount of language used to express wants, needs, or ideas.
- Increase ability to understand or remember what is said.
- Responding in an appropriate manner.

### *Swallow deficits:*

- Focus on more manageable food consistencies
- Use of swallow strategies
- Strengthening oral motor skills

### *Hearing deficits:*

- Learning to use what hearing is available.
- Increased awareness of sounds
- Learning to watch a speaker's face
- Participating in vocal "play"
- For some children beginning use of sign language may be appropriate, as a supplement to use of speech.



## Pediatric Occupational Therapy

### *Cognitive and Perceptual Therapy*

- Visual discrimination
- Visual spatial relationships
- Visual memory & visual sequential memory
- Visual form consistency
- Visual figure ground

### *Self Care*

- Strategies for dressing cues
- Hygiene: toileting, grooming
- Bathing
- Feeding

### *Social Skills*

- Cooperative play/sharing skills
- Develop self concept/self esteem
- Attention
- Listening skills
- Following directions

### *Fine Motor*

- Finger, hand strength, position & stability
- Pencil grip & control
- Wrist &/or forearm control
- Copying shapes
- Fluency/finger movements
- Special organization (space & letter formation)
- Quality of work
- Visual perception skills
- Speed & dexterity
- Tweezers, scissors, finger isolated movements

### *Gross Motor*

- Ball skills-throwing & catching, hitting ball
- Clumsiness
- Co-ordination of body sides
- Strength and endurance

### *Sensory Integration*

- Accept and process information through senses



## Pediatric Physical Therapy

### *Gross Motor Development*

- Facilitate progression of crawling through walking
- Improve coordination
- Improve strength and flexibility
- Improve reactions

### *Bracing and Equipment*

- Recommendations to improve walking and functional ability
- Recommendations for appropriate positioning
- Recommendations for seating equipment to assist in child engaging in their environment

### *Sports Related Injuries*

- Address age appropriate level
- Facilitate return to sport
- Improve range of motion and strength for full participation

### *Walking and Balance*

- Improve strength and flexibility to facilitate proper walking patterns
- Facilitate proper development
- Improve coordination and balance

### *Posture Abnormality*

- Address torticollis
- Address scoliosis
- Address poor positioning as a result of muscle imbalances

