

Neurotechnology for Cerebral Palsy

Cerebral Palsy is a prevalent neurological condition in our society. It is estimated that 2 of every 1,000 children have some form of cerebral palsy. The effects are wide ranging; the condition may impact speech, breathing, walking, balance or bladder function, just to name a few. In this issue of *The Current*, we explore the neurotechnology applications for cerebral palsy. These therapies and treatments are not a cure for the disorder or a prevention tool. Neurotechnology applications have proven to reduce spasticity, increase passive and active range of motion, improve bladder function, provide independent breathing, and aid with walking and balance.

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Personal Experiences: Giant Steps

Children with cerebral palsy spend countless hours going to traditional therapy. For one mother, she heard "I love it!" from Ilana, her daughter. Creative Children Therapy, along with dedicated parents and a partnership with Florida International University developed an innovative program combining technology, therapy and fun.

Read about this story and experiences with neurotechnology by clicking [here](#) to go to the third page of our newsletter.

Resources & Updates

Featuring resources for neurotechnologies for cerebral palsy categorized by application including links to websites.

Plus, updates in the world of neurotechnology, this section highlights new devices, therapies, clinical trials and events.

[Click here to get updated.](#)

Come See Us! Neurotech Education Series

The Neurotechnology Education Series is designed to build awareness and understanding of neurotechnology among

Featured Article



Educate: Applications for CP

Neurotechnology applications for cerebral palsy are well documented in the medical literature. Using medical electronics interacting with the human nervous system, neurotechnology applications have revolutionized the tools used for scientific analysis, functional rehabilitation and activities of daily living. Electrical stimulation was the pioneering application and has been studied in cerebral palsy for nearly 50 years.

Let's explore the many options of neurotechnology for cerebral palsy by [clicking here](#)

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people that have impairments resulting from neurological disorders and diseases as well as caregivers and medical professionals.

Learn more on our website by [clicking here](#).

Neurotech Network* is a non-profit organization dedicated to education and information dissemination regarding neurotechnologies for person with impairments. We do not rate, endorse, prescribe or recommend products, procedures or services. What we do is give you information to make better decisions. This is how we help people regain life through neurotechnology.

Enjoy our newsletter and other resources.

Sincerely,

Jennifer French
Neurotech Network

**This is the Society to Increase Mobility, dba as Neurotech Network.*

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