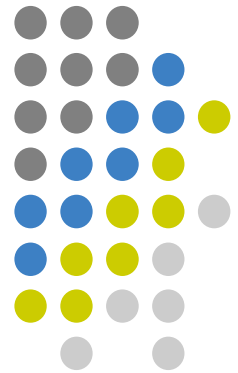


# Neurotechnology Resources



Neurotechnology Session

United Cerebral Palsy 2009 Annual Conference

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## Neurotechnology Resources

The following are some resources that you may use to learn more and stay updated on neurotechnology related to cerebral palsy and paralysis. This is not an aggregate listing. Neurotech Network and The Society to Increase Mobility, Inc. and its representatives do not rate, endorse, sell, distribute, recommend or prescribe any products, procedures or services. This is for informational use only. Before beginning any treatment or therapy, we highly recommend a review with a medical professional familiar with the individual case.

### General Resources

- Neurotech Network, an educational website with a database of devices.  
Website: <http://www.neurotechnetwork.org/>
- IFESS Consumer Information: <http://www.ifess.org/Services/ConsumerEd.htm>
- National Institute of Neurological Disorders and Stroke, Cerebral Palsy Information Page
  - [http://www.ninds.nih.gov/disorders/cerebral\\_palsy/cerebral\\_palsy.htm](http://www.ninds.nih.gov/disorders/cerebral_palsy/cerebral_palsy.htm)
- Session Demonstrations:
  - Victhom Human Bionics: <http://www.victhom.com/>
  - Restorative Therapies: <http://www.restorative-therapies.com/>
  - Medtronic Neuromodulation: <http://www.spasticity.com/>

## Device Listings

This section is a listing of devices and therapies along with organizational contact information. This is not intended to be an aggregate list of neurotechnology but a listing of some neurotechnology devices and therapies that may be applicable to cerebral palsy. Neurotech Network, The Society to Increase Mobility and its representatives do not rate, endorse, sell, distribute, recommend or prescribe any products, procedures or services. Not all therapies, devices or treatments are appropriate for all types of cerebral palsy and neurological diseases or disorders. Approved applications will vary. A medical evaluation should be conducted prior to use. This listing is for informational purposes only. Updated information may be found on the internet through the Centralized Neurotechnology Database, link: <http://www.neurotechnetwork.org/> go to Educate and click on the Database link.

### *Resource Listing for Assisted Ambulation Systems*

#### **NeuroStep™ - Victhom Human Bionics**

Website: <http://www.victhom.com/en/realization-neurostep-8.htm>

Address: 4780 rue Saint-Félix, suite 105, Saint-Augustin-de-Desmaures, Quebec G3A 2J9 Canada

Note: This device is in clinical trials stage

#### **NESS L300™ - Bioness, Inc**

Website: <http://www.bionessinc.com/>

Address: 25103 Rye Canyon Loop, Valencia, CA 91355

Toll Free: 800-211-9136, option 2

Phone: 661-362-4850

Fax: 877-362-4855

Email: [email@bioness.com](mailto:email@bioness.com)

#### **Odstock Dropped Foot Stimulator - Odstock Medical Ltd.**

Website: <http://www.odstockmedical.com/PatientsSite/Home.html>

Address: Salisbury NHS Foundation Trust, Salisbury, Wiltshire, SP2 8BJ, United Kingdom

Phone: +44 (0) 1722 429063 or +44 (0) 1722 429334

Fax: +44 (0) 1722 425263

Email: [info@odstockmedical.com](mailto:info@odstockmedical.com)

#### **STIMuSTEP® - FineTech Medical Ltd**

Website: <http://www.finetech-medical.co.uk/product-droppedfoot.htm>

Address: 13 Tewin Court, Welwyn Garden City, Herts, AL7 1AU ENGLAND

Phone: +44 (0) 1707 330942

Fax: +44 (0) 1707 334143

Email: [info@finetech-medical.co.uk](mailto:info@finetech-medical.co.uk)

#### **WalkAide® - Innovative Neurotronics**

Website: <http://www.walkaide.com/>

Address: 3600 North Capitol of Texas Highway, Bldg B, Suite 150, Austin, TX 78746

Toll Free: 888-884-6462

Fax: 512-961-3499

Email: [info@ininc.us](mailto:info@ininc.us)

## *Resource Listing for Exercise, Balance and ROM Systems*

### **RT100, RT300 - Restorative Therapies, Inc.**

Website: <http://www.restorative-therapies.com/>  
Address: 907 South Lakewood Ave, Baltimore, MD 21224  
Phone: 800-609-9166  
Outside US: 443 957-1572  
Fax: 410-878-2466  
Email: support@restorative-therapies.com

### **REGYS, ERGYS , NeuroEDUCATOR, SpectraSTIM , NeuroSwitch - Therapeutic Alliances, Inc.**

Website: <http://www.musclepower.com/>  
Address: 333 North Broad Street, Fairborn, OH 45324  
Phone: 937-879-0734  
Fax: 937-879-5211  
Email: info@ERGYS.com

### **RehaMove, MOTomed viva1,& viva2, MOTomed gracile12, MOTomed letto, MOTomed pico - RECK-Technik GmbH & Co. KG**

Website: [http://www.motomed.de/medizin\\_01\\_gb/index.html](http://www.motomed.de/medizin_01_gb/index.html)  
Address: Reckstrasse 1-4, 88422 Betzenweiler, Germany  
Phone: +49 73 74-18 85  
Fax: +49 73 74-18 480  
Email: [contact@motomed.com](mailto:contact@motomed.com)

### **Electronic Muscle Stimulation - Zynex Medical**

Website: <http://www.zynexmed.com>  
8022 Southpark Circle, Littleton, CO 80120  
Phone: 800-495-6670  
Fax: 800-495-6695  
Email: [info@zynexmed.com](mailto:info@zynexmed.com)

### **StepGain GRF™ body weight support step training system - Robomedica, Inc.**

Website: <http://www.robomedica.com/>  
Address: One Technology Drive, C-511, Irvine, CA 92618  
Toll Free: 877-ROBOMED  
Phone: 949-788-0525  
Fax: 949-788-0530  
Email: aolsen@robomedica.com

### **Wearable Therapy - Bioflex, Inc.**

Website: <http://wearabletherapy.com/>  
Address: Center for Neuro Prosthetics, 3055 Templeton Rd, Columbus, OH 43209  
Toll Free: 800-552-3539  
Phone: 614-236-8079  
Fax: 614-236-8083  
Email: questions@wearabletherapy.com

*Resource Listing for Exercise, Balance and ROM Systems Cont.*

**300PV™ , Advance® Dynamic ROM, EMS+2 - Empi, Inc.**

Website: <http://www.empi.com/>  
Address: 599 Cardigan Road, St. Paul, MN 55126-4099  
Phone: 1-800-328-2536  
Fax: 800 450 3593  
Email: [info@empi.com](mailto:info@empi.com)

**NeoTone™ - Neotonus, Inc.**

Website: [http://www.neotonus.com/sports\\_medicine/](http://www.neotonus.com/sports_medicine/)  
Address: 30 South Park Square, Marietta, GA 30060  
Phone: 1-800-895-4298  
Fax: 770-425-5264  
Email: [info@neocontrol.com](mailto:info@neocontrol.com)

**RS-2m™ - RS Medical**

Website: <http://www.rsmedical.com>  
Address: 14001 SE First Street, Vancouver, WA 98684  
Phone: 800-683-0353  
Fax: 800-929-1930

**Reo Therapy - Motorika**

Website: <http://www.motorika.com/>  
Address: 523 Fellowship Road, Suite 228, Mount Laurel, NJ 08054  
Phone: 856-642-9775  
Fax: 856-642-0801  
Email: [info@motorika.com](mailto:info@motorika.com)

*Resource Listing for Pain Management or Spasticity*

**ITB Therapy™ - Medtronic**

Website: <http://www.spasticity.com/>  
Address: 710 Medtronic Parkway, Minneapolis, MN 55432-5604  
Phone: 763-514-4000  
Description: Intrathecal Baclofen Therapy for severe spasticity

**Neurostimulators: RestoreULTRA™, RestoreADVANCED™, PrimeADVANCED™**

**Intrathecal Drug Delivery: PTM & SynchroMed®II**

**Medtronic, Inc.**

Website: <http://www.medtronic.com>  
Address: 710 Medtronic Parkway, Minneapolis, MN 55432-5604  
Phone: 763-514-4000

*Resource Listing for Pain Management or Spasticity Cont.*

**Renew<sup>®</sup>, Genesis<sup>®</sup>, GenesisXP<sup>™</sup> - Advanced Neuromodulation Systems, Inc.**

Website: <http://www.ans-medical.com/>  
Address: 6901 Preston Road, Plano, Texas 75024  
Toll Free: 1-866-990-pain (7246)  
Phone: 972-309-8000  
Email: [meredith.nguyen@ans-medical.com](mailto:meredith.nguyen@ans-medical.com)

**Precision Plus<sup>™</sup> system - Boston Scientific Neuromodulation**

Website: <http://www.bostonscientific.com/MedicalArea.bsci/>  
One Boston Scientific Place, Natick, MA 01760-1537  
Toll Free: 888-272-1001

**Epix VT, Hybrosis, IF 3WAVE, Infinity Plus, ProMax, Select TENS device, Empi, Inc.**

Website: <http://www.empi.com/>  
Address: 599 Cardigan Road, St. Paul, MN 55126-4099  
Phone: 1-800-328-2536  
Fax: 800 450 3593  
Email: [info@empi.com](mailto:info@empi.com)

**Dyatron STS Rx - Dynatronics Corp**

Website: <http://www.dynatronics.com>  
Address: 7030 Park Center Drive, Salt Lake City, UT 84121  
Phone: 801-568-7000  
Email: [info@dynatron.com](mailto:info@dynatron.com)

**Alpha Stim 100, Alpha Stim PPM - Electromedical Products International**

Website: <http://www.alpha-stim.com>  
Address: 2201 Garrett Morris Parkway, Mineral Wells, TX 76067-9034  
Phone: 800-367-7246  
Fax: 940-328-0888  
Email: [info@epii.com](mailto:info@epii.com)

**MSP T.E.N.S. #8930, Microcurrent Stimulator #8950, EZ STIM TENS Unit #8900, Electical Muscle Stimulator #8975 - Medical Science Products**

Website: <http://www.medsciencepro.com>  
Address: 517 Elm Ridge Ave., Canal Fulton, Ohio 44614  
Phone: 800-456-1971  
Fax: 330-854-1953  
Email: [info@medsciencepro.com](mailto:info@medsciencepro.com)

**RS-4i Sequential Stimulation, RS-2i, RS-TENS Plus - RS Medical**

Website: <http://www.rsmedical.com>  
14001 SE First Street, Vancouver, WA 98684  
Phone: 800-683-0353  
Fax: 800-929-1930

*Resource Listing for Breathing, Cough Assistance & Swallowing*

**Avery Breathing Pacemaker System - Avery Biomedical Devices, Inc.**

Website: <http://www.averybiomedical.com/>  
Address: 61 Mall Drive, Commack, NY 11725-5703  
Phone: 631-864-1600  
Fax: 631-864-1610  
E-Mail: [info@averybiomedical.com](mailto:info@averybiomedical.com)

**Atrostim Phrenic Nerve Stimulator v2 - Atrotech Ltd.**

Website: <http://www.atrotech.com>  
Address: Hermiankatu 6-8F, 33720 Tampere, Finland  
Phone: +358 3 3831300  
Fax: +358 3 3831324  
Email: [atrotech@atrotech.com](mailto:atrotech@atrotech.com)

**NeuRx Diaphragm Pacing Stimulation (DPS)<sup>TM</sup> System - Synapse Biomedical, Inc.**

Website: <http://www.synapsebiomedical.com/>  
Address: 300 Artino St., Oberlin, Ohio 44074  
Phone: 440.774.2488 extension 120  
Fax: 440.774.2572  
Email: [info@synapsebiomedical.com](mailto:info@synapsebiomedical.com)

**Cough Assist - Respironics**

Website: <http://coughassist.respironics.com/>  
Address: 1010 Murry Ridge Lane, Murrayville, PA 15668  
Phone: 800 345 6443

**VitalStim<sup>®</sup> Therapy - Chattanooga Group**

Website: <http://www.vitalstim.com>  
Phone: 800-506-1130  
Phone: 423-870-7200

*Resource Listing for Hand Grasp and Upper Extremities Rehabilitation*

**NESS H200 Hand Rehabilitation System - Bioness, Inc.**

Website: <http://www.bionessinc.com/>  
Address: 25103 Rye Canyon Loop, Valencia, CA 91355  
Toll Free: 800-211-9136, option 2  
Phone: 661-362-4850  
Fax: 877-362-4855  
Email: [email@bioness.com](mailto:email@bioness.com)

**STIMuGRIP<sup>®</sup> - FineTech Medical Ltd**

Website: <http://www.finetech-medical.co.uk/product-hand.htm>  
Address: 13 Tewin Court, Welwyn Garden City, Herts, AL7 1AU ENGLAND  
Phone: +44 (0) 1707 330942  
Fax: +44 (0) 1707 334143  
Email: [info@finetech-medical.co.uk](mailto:info@finetech-medical.co.uk)  
*Note: This device is in clinical trial stage in the Europe*

*Resource Listing for Pressure Sore Prevention and Wound Therapy*

**POSiFECT - Biofisica**

Website: <http://www.biofisica.com>

Address: 6455 East Johns Crossing, Suite 285, Duluth, GA 30097

Phone: 404-920-0715

Fax: 404-920-0710

Email: [info@biofisica.com](mailto:info@biofisica.com)

*Resource Listing for EMG Communication*

**NeuroSwitch - Control Bionics**

Website: <http://www.controlbionics.com/>

Address: 333 North Broad Street, Fairborn, OH 45324

Phone: 316-210-5907

Email: [info@controlbionics.com](mailto:info@controlbionics.com)