



Can.

Can hope.

Can stay active.

Can do more than he ever expected.

 **Restorative Therapies**
THE LEADER IN FES POWERED SYSTEMS

RT300

You can change the course of your rehabilitation today.

Disease and injury can dramatically reduce activity levels in children and adults. Not using your major muscle groups and not working your heart can impair your general health, with complications that are physical, emotional and financial. So make a change for the better. While you may have been told you can't – can't relax spasms, can't prevent disuse atrophy, can't increase your range of motion or improve your circulation – the fact is, with Restorative Therapies, you can do more than you ever thought possible.

Introducing Restorative Therapies, the leader in FES powered systems

Restorative Therapies will help you set and meet new rehabilitation goals with effective, time-efficient therapies equal to none. Our therapies are designed to give you the best possible outcomes. These practical, long-term treatments are used at home or in clinics and are based on the use of electrical stimulation to create patterned activity. Activity is the vital connection that injury interrupts. And Restorative Therapies can restart.



RT 300.

Watch your body change.
Feel your confidence grow.

RT300 sets the standard in FES systems. Since 2005, RT300 cycle has been used in leading clinics worldwide as well as by individuals in the comfort of their homes. It is the only system with FES cycling for arms and legs that also provides trunk stimulation. What's more, RT300 is the only one suitable for children as young as 4 years old. By cycling on RT300, you can have the following benefits:

- **Relaxation** of muscle spasms
- **Prevention** or retardation of disuse atrophy
- **Increasing** local blood circulation
- **Maintaining** or increasing your range of motion
- **Muscle re-education**

What is FES?

FES stands for Functional Electrical Stimulation, a rehabilitation technique whereby electrical current stimulates nerves to evoke muscle contractions. With RT300, FES creates patterned movement of arms or legs, enabling your muscles to work and perform active cycling even though you may have lost voluntary control of those muscles.

RT 300 Electrical Stimulation Cycle FOR LEGS

Matt Courson
SCI (T9)
RT300 Rider



Surface electrodes are placed on up to 12 muscle groups on one or both sides of your body. Select quadriceps, hamstrings, gluteals, lower leg muscles, abdominals and back muscles. Simply secure your feet in the pedals, support your legs using the adjustable leg guides, and enjoy a smooth, quiet cycling motion.

Why RT300 is the

Easy to set up,
convenient to use
right from your
wheelchair –
no transfer is required.
Affordable entry-level
systems available.



What's the difference between passive and active therapy?

During passive therapy, your muscles don't do any of the work. Your arms and legs are moved mechanically, by a non FES cycle, for example. Active therapy, on the other hand, allows your muscles to do the work they are meant to do. This is achieved either by you moving your muscles on your own, or when muscles are activated by FES. Either way, active therapy means your muscles are really working and performing the activity.

industry leader.

RT300 is a highly reliable medical device specially designed for you to perform optimal FES cycling.

What is a cycle ergometer?

An ergometer is a device that allows you to perform a repetitive activity. It also measures the amount of work being done by your muscles.

The cycle ergometer in RT300 lets you participate in both passive and active leg or arm therapy.

RT300 Electrical Stimulation Cycle FOR ARMS

Andrea Bridgeforth
SCI (C6)
RT300 Rider



Select from the biceps, triceps, shoulder, anterior deltoid, posterior deltoid, wrist flexors/grasp or wrist extensors/release, abdominals and back muscles. For one or both sides up to a total of 12 muscle groups. A full range of arm and hand adaptations are available to help you cycle securely.



SAGE
is easy
to use.

The large, touch-sensitive color display features big, easy-to-operate buttons that make setting up fast and simple. In fact, you'll be able to start your therapy session in minutes. At a glance you can evaluate your stimulation level, speed, distance, power, resistance, pulse rate, oxygen saturation and time remaining.

The SAGE controller is custom engineered for FES therapy and enhances every one of our FES powered systems. SAGE has a full capacity 140mA, 200V stimulation system with six or twelve channels of stimulation. As high-tech as this smart stimulation therapy system is, it is incredibly easy to use.



The smart
stimulation
therapy
built into our
FES-powered
systems.

SAGE integrates RT300's high-powered leg motor (200 Watts) and arm motor (100 Watts) with the stimulation system, a feature not found on any other FES system. Dynamic Motor Support delivers accurate speed and resistance and makes RT300 100% responsive to your individual performance level, maximizing your muscle contractions and producing consistent, reliable therapy. While powerful, the ultra smooth cycling motion operates very quietly.

SAGE delivers comprehensive therapy.

- **TAILORED STIMULATION**- to each of the major muscle groups in the arms, legs and trunk. Whatever your therapy needs, SAGE gives you complete flexibility.
- **AUTOMATIC THERAPY PROGRESSION** - Your therapy parameters automatically advance as you reach new goals.
- **CUSTOM THERAPY INTERVALS**- Your clinician can maximize your progress by creating a therapy just for you that combines a range of speeds and resistance levels.
- **ASYMMETRY DISPLAY**- helps you maintain equal left-and right-side progress.
- **SPASM MANAGEMENT SYSTEM** - prevents, detects and manages muscle tone and spasms.



SAGE delivers essential feedback.

SAGE has a secure Internet connection to RTILink, your therapy database.

SAGE automatically loads your therapy parameters and saves your results, promoting safety and efficiency, and propelling you to a stronger performance.

SAGE allows you and your clinician to monitor your progress and optimize your results on the web or via weekly progress emails. RT300 software updates automatically as part of our commitment to you.

RT 300 Electrical Stimulation Cycle FOR CHILDREN

Andrew Peffley
SCI (L4)
RT300 Rider



RT300 is also available in pediatric versions for children as young as four years old. Like the adult models, this version is available in leg or leg and arm versions. The pediatric leg cycle features special pedals that are highly adaptable to growth and orthopedic issues.

“ It’s amazing how fast and independent he’s become. He’s much more comfortable with transfers and RT300 has prevented atrophy.”

Terry Peffley,
Mother of Andrew



Portable
and compact,
RT300 goes
where you go.

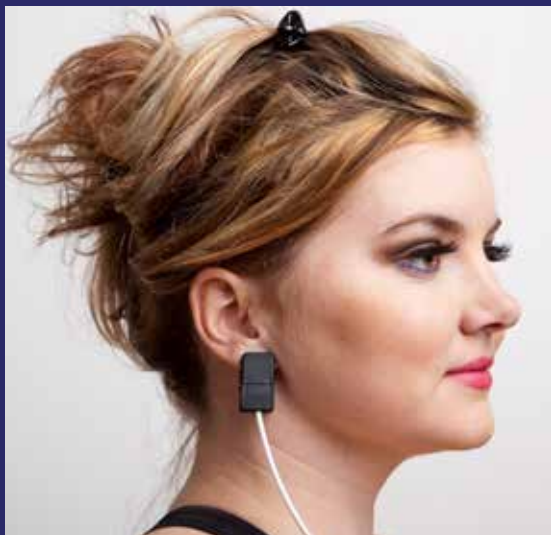
Built-in wheels let you move RT300 across a room or across the country. The sleek, durable design is intended for home or clinic use, with its base measuring about 2 feet wide by 2 feet long. Built-in safety features include:

- Child-lock on software
- Automatic speed control
- Automatic stimulation control
- Fatigue detection
- Spasm detection
- Electrode monitoring
- Wheelchair restraints
- Internet connection

RT300 Electrical Stimulation Cycle FOR ONE SIDE



RT300 easily adapts to individuals who only need electrical stimulation on one leg or one arm. Select up to twelve muscle groups in the lower or upper extremities. The software ensures that these muscles are always stimulated.



Pulse oximeter keeps you on track.

Our pulse oximeter is worn on your earlobe, providing real-time display of your pulse rate and oxygen saturation level (SpO2%) as you leg and arm cycle. Conveniently, you can track your progress on the Internet.

Patti Pogodzinski
SCI (C7/C6)
RT300 Rider



[READ PATTI'S STORY ON OUR WEBSITE](#)

“RT300 is the only thing that strengthens my muscles. I’ve gone from having legs that couldn’t push me away from the table, to being able to stand up and brush my teeth.”

Diana Price
MS
RT300 Rider



READ DIANA'S STORY ON OUR WEBSITE



RT50 wireless stimulators expand your system and your horizons.



RT300 comes with 6 or 12 built-in stimulation channels. By adding RT50 wireless stimulators, you can easily expand your system up to 16 channels. Stimulating more muscle groups is a critical part of making your workout more efficient. RT50 wireless stimulators are one more way we give you complete flexibility to meet your individual needs.

“I know the importance of keeping my body [healthy]...I really feel it when I have not used my RT300 for several days.”

Patti Pogodzinski
SCI (C6-7)
RT300 Rider



READ PATTI'S STORY ON OUR WEBSITE

RT300 @ home

If you have experienced a neurological event or have an ongoing neurological condition, you may benefit from RT300 FES cycling as a long-term intervention. And cycling in your home is a practical solution. At home, RT300 FES cycling allows you to maintain an ongoing level of moderate or strenuous activity, levels of exertion that help protect your general health. All on your own schedule. Unrestricted by insurance visits. With zero transportation hassles.

Who gets the RT300 @ home?

The answer to this question may surprise you. Anybody with a neurological impairment who needs and wants RT300 at home has a very good possibility of obtaining it. We work hard to maximize any reimbursement to which you may be entitled. Restorative Therapies routinely helps families navigate a wide range of funding sources including:

- Insurance companies, workers comp
- Public and private grant organizations
- Fund raising
- Medicaid and waiver programs
- Community groups

How to get started.



RT300 is a physician prescribed device. Consult with your physician to find out if RT300 is appropriate for you and to obtain your prescription.

Restorative Therapies' experienced team will guide you on getting an RT300 @ home. Please contact us to discuss your particular needs.

"I was impressed with the active therapy. You can really feel the workout. And it was easy to take the cycle to college."

Matt Courson
SCI (T9)
RT300 Rider



[READ MATT'S STORY ON OUR WEBSITE](#)

Andrew Peffley, L4, and his mother, Terry



Sadie Absher, T10, and her mother, Jessica





About Restorative Therapies.

Restorative Therapies designs innovative electrical stimulation systems to help people with a neurological impairment achieve their full potential. Our philosophy is to invest strongly in R&D so that we continue to deliver high-quality, technologically advanced products. We recognize that achieving our goals not only requires great products but also outstanding service and support. We strive to deliver excellent service to our customers throughout sales, reimbursement, installation, technical and clinical support.

Give yourself a great opportunity. And a lot of hope.

Someday there may be a cure. So now is the time to prepare your body for that cure. If you suffer from severe disuse atrophy, you may not be able to take advantage of the medical breakthrough we hope is on the horizon. Take charge of your rehabilitation today. Commit yourself to cycling on RT300. You can.



Caution: Federal law restricts this device to sale by or on the order of a practitioner licensed by the law of the State in which he/she practices to use or orders the use of this device.

Call us at 1-800-609-9166 or visit Restorative-Therapies.com



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