

# RT300 iFES™ for Home

*Rehabilitation from Hospital to Home*

**80% of Restorative Therapies' RT300 systems are utilized in the home to optimize recovery potential and provide ongoing health benefits.**

## **WHO** could benefit from RT300 iFES therapy at home?

Individuals living with neurological impairments who experience or are at risk of experiencing and need help with:

- Spasms
- Chronic injury
- Circulation
- Motor recovery
- Range of motion
- Mobility limitations
- Muscle re-education
- Maintaining function
- Muscle weakness/atrophy
- Secondary complications
- And more

## **WHAT** does RT300 iFES therapy do?

RT300 iFES incorporates functional electrical stimulation (FES) integrated with task specific or motor assistance/resistance activities to optimize therapeutic goals.

Research has shown that this combination of modalities produces muscle contractions in weak or paralyzed muscles in order to begin progressive resistive or task-specific therapy which has been shown to provide comprehensive therapeutic outcomes including reduction of secondary health conditions, improved motor function, gait improvement, and more.\*

## **WHAT** is the significance of immediately continuing therapy at home?

- Functional , motor, and sensory improvements can be made in the recovery process and many years post impairment or diagnosis.
- Knowledge of healthcare and the human body continues to evolve globally , showing that neuroplasticity and functional improvements may be regained with the ongoing repetition and the type of therapy iFES provides.
- Many patients with neurological impairments have reduced mobility and physiological function, which commonly contributes to a variety of secondary health complications as well as the chance of rehospitalization.
- In-home therapy can help you maintain and build functionality to avoid gaps, regression, or other complications.

We've helped **more** than...

  
**100,000+**  
Patients

  
**1,000+**  
Clinics

  
**4,000+**  
Homes

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**WHEN**  
should RT300  
iFES therapy  
at home  
start?

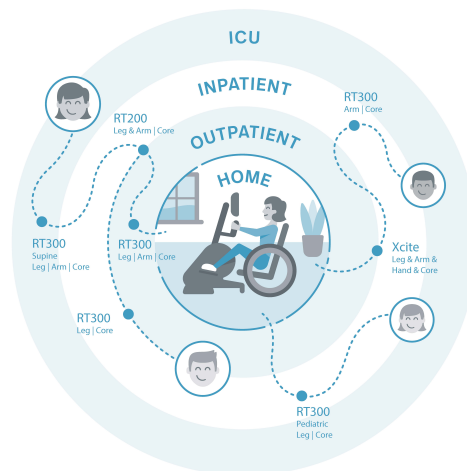
"Starting a new iFES program, or immediately continuing an in-home iFES program, following outpatient therapy is a significant key to stabilizing progression, potentially recover some lost function, maintain health, improve strength, endurance and metabolism - and so much more. Over many years of research, specifically with iFES devices, we have learned that the patients who commit to regular home iFES routine of 3 or more 1-hour sessions per week, have the best short and long-term functional gain and overall health outcomes."

- Cristina Sadowsky, MD, Clinical Director,  
International Center for Spinal Cord Injury, Kennedy Krieger Institute

**WHERE**  
can RT300  
iFES be used?

## Continuum of Care

Restorative Therapies is the only iFES company to provide complete continuum of care solutions starting with early mobility in the critical care setting, continuing to inpatient therapy and outpatient therapy, and extending to in-home therapy.



**WHY**  
stay committed  
to RT300 iFES  
Therapy?

## Published Therapeutic Benefits\*

### Cardiovascular

- Pneumonia
- Hypertension
- Heart disease

### Neurological

- Spasticity

### Psychological

- Depression

### Metabolic

- Weight gain
- Diabetes
- Muscle atrophy

### Circulation

- Pressure injury/wound
- Urinary tract infection
- Sepsis




### Bone density

- Bone fracture

### Quality of life

- Independence
- Activities of daily living
- Sleep quality

## Rehospitalization rates from secondary conditions\*

	 Spinal Cord Injury	 Stroke	 Multiple Sclerosis
Pressure Injury	X	X	X
Urinary Tract Infections	X		X
Pneumonia	X		
Influenza		X	
Rehospitalization one time in first year	45%	33%	39%

\*References available upon request

# RT300 iFES™ for Home

## *Rehabilitation from Hospital to Home*

### Patterned Muscle Activity



Activates muscles  
**thousands of times**

during a..



**30 minute**  
therapy session

RT300 iFES therapy uses pulses of electrical stimulation to generate muscle contractions. It will activate muscles thousands of times during a 30 minute therapy session.

Stimulation pads will be placed on up to 12 muscle groups with stimulation settings customized for each individual. The RT300 provides spasm management in real time during sessions for safety and comfort.

The RT300 motor combined with FES, provides repetition with assistance/resistance to replace the function of weak or paralyzed muscles. The motor can facilitate arm or leg movement in a circular motion to recreate physical work in conjunction with FES-evoked muscle contractions. The motor output is measured and adjusted through smart software to stay safe, productive and progressing through each session.

## Funding Sources & Success Rates

There is a pathway for success for everyone - our patient advocates will help every step of the way with a wide variety of resources for each case and situation. If you are unsure about potential coverage, please contact a Restorative Therapies Patient Advocate.

- Insurance- 50% to 70%
  - Private/Commercial
  - Medicare HMO/PPO
  - Medicaid/Waiver Programs
- Worker's Compensation- 90%
- Veteran's Administration- 95%
- Victims of Crimes Funding- 90%
- Fundraising- 90%
- Financing- 90%
- Grants- 90%

## Your Advocate for Life

As your advocate for life, we are with you through your unique journey in order to help you select the right solution for your situation.

### We're here for you



Reimbursement  
Processing



Funding  
Guidance



On-site or Remote  
Installation &  
Training



Clinical & Technical  
Support



Software  
Updates



Therapy Progress  
Monitoring

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