

(Front)

Enhancing physical rehabilitation through motion capture technology

Jintronix Rehabilitation System

460 St. Catherine St. West, Unit 714
Montreal, Quebec, Canada
H3B 1A7

www.jintronix.com

(Body)

The Jintronix Rehabilitation System (JRS) is an affordable and easy-to-use virtual rehabilitation platform developed to treat neuromotor or orthopedic impairments. Designed with some of the world's leading experts in physical and occupational therapy, the JRS has combined evidenced-based treatments, virtual games, and motion tracking sensors to offer a fun and effective tool for physical rehabilitation.

State of the art technology

Clinically Effective Treatments

Designed with leading experts in physical and occupational therapy each JRS activity is optimized to target specific clinical outcomes.

Gamified Environments

Gamified, interactive virtual environments create a fun and motivating framework for rehabilitation that translate into real-world functional improvements for the patient.

Customizable Activities

Customize each element of an activity to ensure it is fully suited to the needs of each patient. Change the speed, object placement, path of movement, or difficulty of an activity with simple adjustments.

Advanced Motion Tracking

By simultaneously tracking 20 joints, the JRS captures key performance metrics including range of motion, speed, fluidity, precision of movement, and compensation patterns.

Real-time Performance Feedback

On-screen indicators and trunk compensation alerts help guide the patient to perform each movement correctly and safely.

Detailed Analytics

With our online portal, clinicians and patients have access to compliance and performance data in an easy to read format.

Wide range of applications

Designed to support a multiple conditions, the JRS offers rehab activities for a range of patient needs. Each activity is designed to improve a patient's functional abilities in one or more core areas:

- **Fall prevention, balance and mobility**
- **Motor control and relearning**
- **Postural control**
- **Bilateral coordination**
- **Muscle strengthening**
- **Flexibility and range of motion**
- **Spasticity management**
- **Functional training and assessment**

Visit www.jintronix.com to learn more

Choose from our library of clinically based assessments, exercises, and activities to create a personalized course of treatment for each patient.

JRS Assessments – (see picture Assessments)

Therapists and caregivers can quickly and easily assess a patient's range of motion and functional ability for over 30 different movements.

JRS Exercises – (see picture Exercises)

With guidance and encouragement from a virtual coach, patients are shown how to correctly perform repetitions of commonly prescribed exercises.

JRS Activities – (see picture Activities)

Interactive, gamified activities provide a fun and motivating framework for rehabilitation that can enhance patient engagement and adherence to their therapy program.

Big benefits for patients, therapists, and the facility

For Patients

- Increases satisfaction with gamified exercises
- Improves motivation by tracking your progress through our online portal
- Improves quality of home exercise with Jintronix's at-home option

For Therapists

- Improves patient engagement with gamified environments
- Strengthens patient adherence to prescribed home exercises with JRS's tele-rehabilitation option
- Reduces documentation with printable reporting

For Facilities

- Attracts clientele with state-of-the-art rehab technology
- Expands your service offerings by providing remote therapy
- Increases transparency by providing patients and their loved ones with access to performance data on Jintronix's online portal

Powerful motion tracking. Designed for easy set-up and use.

Integrated Model

Clinician uses the system with their patient during their one-on-one session

Kiosk Model

Patient uses the system independently in-clinic while a clinician provides general supervision

At-Home Model

Patient uses the system at-home on their own between clinic visits or after discharge

For a full list of JRS benefits and features, contact us at info@jintronix.com (bottom margin)

(Back)

A research-backed design

Jintronix is committed to creating clinically effective tools for physical rehabilitation. That's why each step of our product's development has been guided by top physical and occupational therapists from premier research institutions. Here are some partners that have helped us along the way.

McGill University
DePaul University
Camosun College
Gingras-Lindsay Institute for Rehabilitation
University of Montreal
Jewish Rehabilitation Hospital

A Health Canada approved medical device, the JRS is used in over 60 clinics and hospitals across Canada and the US.

Here's what a few of our clients have to say

"The Jintronix solution is flexible and adaptable: it addresses patient goals to get better and make faster and more accurate movements." - **Dr. Philippe Archambault**, PT, Jewish Rehabilitation Hospital

"For repetitive exercises, there is nothing better. Patients love the system and forget that they are exercising, this really makes my life easier" - **Emmanuel El Monaco**, PT, Owner of Hawkesbury Physiotherapy

"Having installed systems in many of our clinics, Jintronix offer some of the best technology with fantastic customer service" – **Sanjeev Bhatia**, PT, MBA, Centric Health

For more information:

Email us at info@jintronix.com

Or

Visit our website: www.jintronix.com

Jintronix, Inc.

460 St-Catherine St. West, Unit 714

Montreal, Quebec

H3B 1A7