



Expand Orthopedic Programs

According to a report issued by the US Department of Health and Human Resources, over one million hip and knee replacements are performed each year. A therapeutic exercise program can be an important factor towards a successful and rapid recovery. An effective exercise program will work to reduce pain, as well as improve mobility and muscle strength, and range of motion.

Jintronix includes interactive exercise programs for patients recovering from hip and knee replacements. These consist of functional activities, as well as exercises guided by a virtual coach. Guided by clinical best-practices, Jintronix clinical content targets range of motion, muscle performance, balance, posture, and coordination.

Exercises

Over 60 coach-guided exercises for stretching and strengthening of the hips, shoulders, trunk, knees

Immersive Activities

- Functional squatting
- Leg raises
- Knee lifts
- Leg extensions
- Lateral weight shift
- Balance tasks
- Postural control

Provider Case Study

58 patients with orthopedic conditions participated in a Jintronix orthopedic program at the The New Jewish Home. Rate of rehospitalization for patients with orthopedic conditions **declined by 4.8%, down to 0%.**

[Read Case Study](#)





An engaging approach gets results

Clinical studies show that engaging and interactive approaches boost patient enjoyment of therapy, the intensity of rehab and clinical outcomes. Jintronix enables you to incorporate multiple interactive activities into your orthopedic rehab program.

Customize Activities for a Just Right Challenge

- Number of repetitions
- Movement speed
- Reaction time
- Degree of weight shift
- Squat depth



**WALKING
ADVENTURES**



SKI



SOCCER



ROCK CLIMBING

Clinical Implementation

- ✓ Individual Therapy
- ✓ Group/Concurrent Therapy
- ✓ Restorative

Assistive Devices

- ✓ Wheelchair
- ✓ Walker
- ✓ Cane