



Rehabilitation Institute of Chicago

## New Robot To Help the Disabled Learn to Walk Again

### Goal to Improve Safety and Effectiveness for Patients and Therapists

The KineAssist™ Walking & Balance Exercise System is a breakthrough application of robotic technology to help physical therapists work safely and effectively with adult patients who are learning to walk again.

The KineAssist has the physical strength to provide an adult patient with balance and protection from a fall while training in real environments, such as walking over ground or up and down stairs, and it encourages the hands-on care of the physical therapist. Its versatile design, simple operation and portability offer great potential to help people with a variety of disabling conditions and for use in a wide range of clinical settings.



The KineAssist allows challenges to a patient's limits of balance without the fear of falling.

### High Tech Engineering Supports High Touch Therapy

The KineAssist was developed through a joint venture of the Rehabilitation Institute of Chicago (RIC), ranked the "Best Rehabilitation Hospital in America"\* and Chicago PT, a company of expert physical therapists and engineers, to provide more intensive and effective therapy for patients, without diminishing the crucial physical, sensory and psychological connections between the therapist and patient. With the help of IDEO, the world's leading product development company, KineAssist was created to meet the needs of real users performing real tasks set in real contexts. KineAssist™ is the recipient of a 2005 Industrial Design Excellence Award.



## Real Benefits of Robotic Technology

The KineAssist Walking & Balance Exercise System offers unique benefits to patients and their care providers, including:

- Ability to safely challenge patients in real-life environments, such as over ground walking and stair climbing, and during transition, standing balance, and dynamic balance therapy
- Protects patients from the consequences of a fall, building confidence in their abilities while they build strength and stamina



The clinician has complete, hands-on access to the patient during balance and gait training.



If loss of balance occurs, the patient's weight is fully supported and his body is held in a safe position.

- Improves clinical efficiency by enabling one therapist to effectively treat a patient
- Easily adapts to the environment and integrates with a wide range of existing practice settings
- Allows body weight-supported treadmill training
- Accurately records patient performance data and reports objective measures of progress

Find out today how the KineAssist Walking & Balance Exercise System may help you ensure safety, build confidence and enhance efficiency and outcomes for your patients and therapists. Visit our Web site at [www.KineAssist.com](http://www.KineAssist.com).



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[www.ric.org](http://www.ric.org)

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