

Holy Name Becomes First Hospital in New Jersey To Offer Innovative Technology to Restore Balance

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Holy Name is proud to announce the arrival of *hunova*, a robotic rehabilitation system that supports physicians, physical therapists, and patients to assess and restore balance.

The *hunova* is offered at HNH Fitness, in Oradell, New Jersey - a medically based, multi-specialty, fitness and wellness center which is home to Holy Name's Center for Physical Rehabilitation. The system provides objective evaluation and treatment for individuals with balance difficulties caused by neurological illness, injury, and aging.



At Holy Name, the only hospital in New Jersey to treat patients with the *hunova*, the groundbreaking technology is being integrated into physical therapy for patients who struggle with balance due to orthopedic injuries and for patients with chronic neurological illnesses such as Multiple Sclerosis and Parkinson's disease.

A second *hunova* machine will be placed at the Center for Physical Rehabilitation's flagship location at Holy Name Medical Center in Teaneck, New Jersey.

"Balance is the key to all movement and plays a critical role in our ability to successfully complete daily activities," said Mary Ann Picone, MD, Medical Director, Holy Name's Alfiero & Lucia Palestroni Multiple Sclerosis Center. "We're proud to offer the latest technology to best enable our patients to improve their balance and, consequently, their quality of life."

The *hunova*, by Movendo Technology, is a programmable robotic medical device consisting of two force plates, one on the floor surface and one on an attached seat. These two force plates enable highly sensitive evaluation and active programming of resistance while both standing and sitting. The device can deliver more than 200 exercises for postural control, balance, and core stability.

For patients with orthopedic injuries, *hunova* is used for the rehabilitation of the ankle, knee, hip, and lumbar region of the spine, allowing the patient to perform mobilization exercises, muscle strengthening, and balance control. In the neurological arena, *hunova* is used for post-stroke functional re-education, for the treatment of degenerative diseases of the central nervous system and lesions of the peripheral nervous system, providing exercises of postural control, balance and core stability.

"We're pleased to add not one but two robotic devices to our arsenal of diagnostic, treatment, and training tools," said Reg Grant, Director of Human Performance at Holy Name. "Whether patients come to us for orthopedic rehabilitation or to regain balance due to a neurological illness, our commitment to offering the most advanced technology means that patients regain their confidence and get back on their feet quicker."