



Movendo and University of Miami collaborate to predict, evaluate and treat sports injuries in student-athletes

University of Miami integrates Movendo Technology's robotic system hunova® into baseline screening and physical rehabilitation of their student-athletes.

Boston, MA – April 26, 2021 – [Movendo Technology](#) has collaborated with the [University of Miami](#) to integrate Movendo's robotic system hunova® into the screening and physical rehabilitation of their student-athletes for knee related deficits, concussions, and overall performance.

At the University of Miami, the hunova will be integrated as an adjunct to current procedures that help in the assessment of overall physical performance measures. The hunova is a programmable robotic medical device consisting of two independent electromechanical movable platforms, one at foot level and one at seat level. The device, which can deliver more than 200 evaluations and exercises for postural control, stretching, muscle strengthening, balance, core stability and proprioception, operates in active, passive, and assistive modes.

"Objective physical performance measures can provide a guide to enhance function," explained Dr. Luis Feigenbaum, Senior Associate Athletic Director for Performance, Health, and Wellness. "We are excited to collaborate with Movendo to better understand the evaluation and training systems of the hunova in a collegiate athletic setting."

A sampling of student-athletes will be evaluated with several of hunova's indexes. The "[performance index](#)" - a robotic, total-body index, that aims to evaluate and compare an athletes performance to its peers; the "[knee index](#)," the first functional robotic evaluation of the knee providing objective data to help monitor an athlete's progress through the rehabilitation process; and the "concussion index" to better identify and manage concussions, or mild traumatic brain injury.

"Collaborating with the University of Miami to better understand sports-specific data and to enhance hunova's database, has the potential to be an important step to further improve the performance of student-athletes," said Frank Menzler, Executive VP and General Manager North America of Movendo. "The hunova has already been adopted by more than 100 facilities as a compact system for both objective evaluations and functional therapy. We are confident that integrating hunova into the [Hurricanes'](#) athletics performance program will lead to future data-driven considerations."

About Movendo Technology

Movendo Technology, part of the biopharmaceutical group Dompé Holdings, was established in 2016. Headquartered in Genoa, Italy with subsidiaries in Boston, MA, and Munich, Germany. Movendo develops and commercializes robotic and digital rehabilitation solutions for objective, functional assessments and effective treatments. Hunova®, the company's flagship product and one of the most versatile robotic assistive devices available, improves orthopedic rehabilitation, the management of neurological and chronic conditions, active aging and athletic performance. Proprietary software algorithms and novel IT solutions provide for predictive and personalized therapy, telerehabilitation as well as for data-driven population health management tools.



For more information: www.movendo.technology

Contact: F. Menzler, 857.452.1708, info@movendo.technology

About University of Miami Athletics

The University of Miami's Department of Intercollegiate Athletics, a member of the National Collegiate Athletic Association (NCAA) and the Atlantic Coast Conference (ACC), supports more than 400 student-athletes across 18 sports. Miami has won 21 team national championships and 83 individual national championships in its storied history. UM Athletics is dedicated to developing and supporting its student-athletes in their efforts to achieve personal, academic and athletic excellence, resulting in the highest standards of achievement.

For more information: <http://www.miamihurricanes.com/>