

New partnership between Thuasne and OPUM brings artificial intelligence to osteoarthritis bracing

Thuasne, major player in medical devices in Europe, and OPUM, medical device and data company have signed a partnership in the U.S. on a digital solution for non-invasive non-pharmacological treatment of osteoarthritis (OA).

The partnership's focus is to digitize musculoskeletal care by using objective data, determining the best treatment methods for OA to improve patient outcomes and reduce overall costs. The first product will integrate OPUM's AI-enabled Digital Knee® care platform with Thuasne's Rebel® Reliever OA knee brace. Together the technologies will deliver personalized exercise and behavioral therapies direct to the patient while allowing remote monitoring at scale so clinicians can manage more patients with a higher quality of personalized care.

"We are thrilled to announce this partnership with OPUM which will be harnessing the power of our flagship Rebel® Reliever OA knee brace and our trusted Townsend Motion hinge. Combining emerging digital solutions with industry-leading technology is an exciting prospect and we look forward to the opportunities ahead" says Matthieu Ducottet, Innovation Director Thuasne Group.

"This partnership is a key part of our vision to deliver scalable personalized musculoskeletal care to positively impact the lives of patients around the world. "Our solution spans the joint health continuum helping guide patients, and their providers, from initial onset through optimally prescribed interventions to reach their goals" says OPUM CEO Professor Andrew McDaid.

The technology is currently being deployed at the Shirley Ryan AbilityLab (ranked #1 rehab hospital in the U.S.), with Professor Jayabalan - a world leader in personalized medicine for OA. "This is an exciting solution that we envisage will not only deliver better patient engagement and outcomes but help to streamline and provide efficiencies in care delivery" says Professor Jayabalan.

The Digital Knee® Rebel Reliever is currently being rolled out across selected providers in the U.S. and will be made more widely accessible in Q4 2021.

About Thuasne

Founded in 1847, Thuasne imagines, develops and manufactures medical devices allowing everyone to become actors in their own health. For 6 generations, the Group offers concrete, adapted and innovative health solutions in the fields of orthopedics, medical compression, home care and sport. With its 2,200 employees, the company generated a turnover of 233 million euros in 2019 of which more than 40% in international sales. The Group is now present in 85 countries, in particular through its 15 subsidiaries in Europe, the United States and Asia. www.thuasne.com www.thuasne.com



THUASNE

About OPUM

OPUM was founded out of the “medical devices and technologies” Research Group at the University of Auckland, a team consisting of over 20 researchers. We are world-leading experts in wearable robotics, medical devices, sensors, clinical research, machine learning and artificial intelligence. Digital Knee is the culmination of 10 years of applied research. OPUM is grounded in translational R&D, tackling complex clinical problems from the perspective of the triple healthcare aim: better patient experience of care and population health at a reduced per-capita cost. www.opumtechnologies.com

Press contact

Zmirov communication | 64, rue Jean-Jacques Rousseau - 75001 Paris
Cassandra Gomes | cassandra.gomes@zmirov.com | +33 (0)1 55 34 37 60