

PRESS RELEASE

For immediate diffusion

**A Quebec Technology to the Rescue of Knees
Maisonneuve-Rosemont Hospital's Orthopedic Team Innovates and
Acquires Unique Cutting-Edge Technology**

Montreal, September 14, 2011 —Maisonneuve-Rosemont Hospital (HMR) announces the acquisition of new medical equipment that would help solve a major problem with regard to knee assessment and accelerate research progress in this area. The KneeKG™ system was designed by three Quebec universities under the supervision of the Imaging and Orthopaedics Research Laboratory (LIO) and Emovi Inc. a Quebec firm.

Precision to the Exact Millimetre and Degree

The KneeKG™ system can precisely assess indiscernible movements of the bones of the knee. It can therefore be used to detect and measure functional deficiencies associated with common knee problems. After 12 years of being in development, this Health Canada approved tool is now available for Quebec patients in a hospital center.

A Solution that Pushes the Limits of Current Investigation Tools

The aims of this acquisition by HMR are multiple.

- 1- Offer tailored treatments meeting the biomechanical needs of each patient.**
Since this technology enables to identify biomechanical problems impossible to see with other tests currently available, the medical team can therefore better identify the causes of pain and more precisely guide them in their choice of complementary investigations, if necessary, and eventual treatments. In certain cases, it's possible to delay or even avoid surgery because it was possible to steer a patient toward a front-line treatment and prevent the patient's condition from worsening.
- 2- Reduce the number of medical consultations per patient with medical specialist.**
This acquisition will enable to evaluate how to better integrate the functional knee exam in the continuum of care to the benefit of our health system. The team hopes to prove that the KneeKG™ can reduce costs associated to current investigations and inefficient use of orthopedic consultations of patients referred by the front-line.
- 3- Eliminate costly, not easily available exams such as magnetic resonance.**
By simplifying the diagnosis and management of patients with a knee pathology, the KneeKG™ could help better understand or explain the patient's symptoms and when current diagnostic tools, such as magnetic resonance and X-Rays are inefficient.

Giving Back a Natural Knee to Osteoarthrotic Patients

Between 1998 and 2008*, the number of total knee replacement surgeries carried out in Canada increased at an exponential rate. Patients are increasingly young and want to remain active after their surgery. Often, however, current implants and surgery techniques do not allow the knee to regain its initial level of functionality. *"Implants currently available are made to fit all patients despite that each person has a different anatomy and different function. The KneeKG™ is a unique tool that will allow to better understand the problems of current joint- replacement procedures and could help develop more efficient prosthesis,"* stated Dr. Pascal André Vendittoli, orthopedic surgeon at the HMR and Research Director in the Orthopedic Division at the University of Montreal.

Maisonneuve-Rosemont Hospital: a Worldwide Precursor

HMR's orthopedic research team is the first in the world to acquire the KneeKG™ system. Over the past several years, Dr. Pascal André Vendittoli and Dr. Martin Lavigne have positioned themselves as leaders in Canada and internationally in assessment and development of new technologies in hip and knee arthroplasty. This new KneeKG™ system and partnership with the LIO shall be major assets to help their research work evolve. HMR's vision consists in integrating current knowledge and innovative technologies, such as the KneeKG™ system, to better meet patient needs. For the Emovi firm, that has completed the development of the KneeKG™ and owns the commercialization licence, the acquisition of the system by HMR is an eloquent endorsement that proves the revolutionary aspect of this diagnostic aid tool.

About Maisonneuve-Rosemont Hospital

Affiliated to the University of Montreal, Maisonneuve-Rosemont Hospital is a major institution where healthcare, teaching and medical research converge. Its 5,500 employees and doctors work with the population from the Greater Montreal Area and beyond since the hospital has a supra-regional vocation. HMR houses a major research centre. Three axes stand out both nationally and internationally, Vision Health, Immunology-Oncology, and Nephrology. Every year it welcomes over 4,000 students, futures doctors, nurses and health professionals.

About the Imaging and Orthopedics Research Laboratory (LIO)

The Imaging and Orthopedics Research Laboratory (LIO) is associated with the "Musculoskeletal" and "Cardio-metabolic" research themes and the Imaging Research Platform of the CHUM Research Center (CRCHUM) as well as affiliated with the École de technologie supérieure. The LIO continues its mission in research and development in various cutting-edge health care areas associated with medical imagery and musculoskeletal system assessment with applications in the fields of orthopedics, physiatry, and rheumatology and endovascular biometrics.

About Emovi

Emovi is a Quebec business offering medical solutions for the knee joint. In partnership with the Quebec university research environment, among which the CRCHUM and École de technologie supérieure (ÉTS), Emovi completed the development of the KneeKG™, a unique clinical tool in the world. Emovi owns the exclusive licence to commercialize the KneeKG™ and has launched its commercialization in Canada, the United States and Europe. Emovi hopes to broaden access to this technology to contribute to improving the quality of life of people struggling with diseases such as knee arthritis, ligament or meniscus tears, patellofemoral syndrome, tendonitis and biomechanical deficiencies causing pain and disability.

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Information: Maisonneuve-Rosemont Hospital
Christine Lussier, Conseillère-cadre aux communications
Tel.: 514-252-3400

*Source: Canadian Institute for Health Information.