

Health Quest Orthopedics includes a team of specialty-trained surgeons, nurses and other healthcare professionals utilizing the latest technology and advanced procedures to deliver exceptional care. Vassar Brothers Medical Center, a Health Quest affiliate, has recently announced the offering of MAKOpasty® partial knee resurfacing and hip replacement. The minimally invasive treatment is an option for adults living with early to mid-stage osteoarthritis and other knee and hip conditions. MAKOpasty is typically less invasive than traditional total knee or hip surgery and is performed using RIO®, a highly-advanced, surgeon-controlled robotic arm system. Vassar Brothers Medical Center is the only hospital from Yonkers to the Canadian border to offer this technology.

MAKOpasty potentially offers the following benefits as compared to partial knee or total hip surgery: reduced pain, minimal hospitalization, more rapid recovery, less implant wear and loosening, diminished scarring, better motion and a more natural-feeling knee or hip.

The RIO system enables the surgeon to complete a patient specific pre-surgical plan that details the technique for bone preparation and customized implant positioning using a CT scan of the patient's own anatomy. During the procedure, the system creates a three-dimensional, virtual view of the patient's bone surface and correlates the image to the pre-programmed surgical plan. As the surgeon uses the robotic arm, its tactile, auditory and visual feedback limits the bone preparation to the diseased areas and provides for real time adjustments and more optimal implant positioning and placement for each individual patient.

The opportunity for early intervention is important as osteoarthritis is the most common form of arthritis and a leading cause of disability worldwide, according to the American Academy of Orthopedic Surgeons.

To learn more, tune in to hear Dr. David Stamer and Dr. Frank Lombardo, Orthopedic Surgeons, Vassar Brothers Medical Center, who will be guests on Medical Monday, April 7th at 2 p.m.

For more information on MAKOpasty at Health Quest Orthopedics, call (845) 483-6088 or visit www.health-quest.org/ortho.