

Robotic-Assisted Total Knee & Hip Replacement:

Mako™ Technology & VERASENSE™



Now patients with debilitating arthritis can once again enjoy activities like golfing, bicycling, and swimming.

At Suburban Orthopaedics, we use the Mako™ robotic-arm and VERASENSE™ sensor technology to deliver the best possible outcomes in this advanced total knee replacement surgery that reduces pain and restores function.

Benefits of Mako™ Robotic-Arm Assisted Surgery:

- CT-based 3D modeling of bone anatomy
- Personalized surgical plan
- Increased accuracy and precision
- Protection of surrounding soft tissue

A virtual operative plan based on each individual's bone anatomy is developed by the surgeon and the robot helps to accurately execute the plan.



VERASENSE™ helps to balance the knee & restore function

In addition to replacing the arthritic bone, ligaments must be restored to their correct tension in order to have a properly balanced knee. Imagine a guitar string. If it's too loose, then it won't play the right sound, and if it's too tight, it might snap. Using the VERASENSE™ pressure sensors allows our surgeons to quantify the tension across the knee, leading to greater stability and restoration of pain-free activity.

To learn more about this innovative procedure, call Suburban Orthopaedics.

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