

Orthopedic Surgery & Sports Medicine Spine Surgery

Wilmont R. Kreis, M.D. D. David Ernst, D.O. Gary G. Doss, D.O. Rajesh B. Makim, M.D. Todd P. Murphy, M.D.

Hand Surgery Steven J. Heithoff, D.O.

Joint Replacement Surgery Scott M. Heithoff, D.O. Spine Surgery
E. Neil Pasia, D.O.

Physical Medicine Matthew J. Sciotti, M.D.

Rheumatology Susan J. VanDellen, D.O.

Physician Assistants Amy Collins, MS, PA-C Kelly Schweiger, MPAS, PA-C Benjamin Loyd, MPAS, PA-C Physical Therapists
Maureen Muzzarelli, MPT
Donna Grundman, DSc., PT, MS
Krista Marquardt, MPT, CHT
Marc Muzzarelli, PT, PSY. LLP

Physical Therapy Assistants Karen Hallay, PTA Rob Aho, PTA

Massage Therapists Craig McCue, M.s.T., A.D.S. Rose Valentine, CMT

It is our pleasure to share with you an exciting development at Orthopedic Associates. We are now able to offer an innovative new treatment option for those suffering with osteoarthritis of the knee that has not yet impacted the entire knee. MAKOplasty® partial knee resurfacing is a minimally invasive knee surgery performed using robotic arm technology.

Typical MAKOplasty® patients share the following characteristics:

- Knee pain with activity, usually on the inner knee, under the kneecap or isolated to the outer knee
- Start up knee pain or stiffness when activities are initiated from a sitting position
- Failure to respond to non-surgical treatments, injections or non-steroidal anti-inflammatory medication

During this procedure, we use the RIO_® Robotic Arm Interactive Orthopedic System to resurface the diseased portions of the knee, sparing the patient's healthy bone and surrounding tissue. An implant is then secured in the joint to allow the knee to move smoothly again.

MAKOplasty® partial knee resurfacing can result in a more rapid recovery and shorter hospital stay than traditional knee replacement surgery, as well as a more natural feeling knee following surgery.

If you would like to learn more about this procedure and whether it is a good treatment option for you or someone you know, please contact our office at 810-985-4900 for an appointment. Or visit our website at www.oaph.com to schedule an appointment.

As always, we endeavor to provide you with the latest information and best treatment options available and thank you for entrusting us with your care.

Best Regards,

Your Team of Orthopedic Specialists