

Navio™ Orthopedic Surgical System

The precision of robotics in the hands of the surgeon.

Potential Patient Benefits

What can Navio™ mean for patients?

- Consistent results
- Accurately placed implants
- Customized planning
- No CT radiation required

Benefits of PKR over TKR?

- Less pain
- Quicker recovery
- Lower risk of complications
- Smaller incisions
- Less blood loss
- Retain healthy ligaments
- Shorter hospital stay

None of these benefits can be guaranteed, as surgery can be both patient and procedure specific.

Brookside Surgery Center is pleased to offer a new, robotic-assisted orthopedic surgery with the Navio™ Smart Orthopedic Surgical System



Navio™ Surgical System:

- Designed to enable bone cutting through small incisions
- System is comprised of a navigation system and software package, surgeon-controlled touchscreen interface and hand-held robotic instrument
- Computer-control enforces precision onto the surgeon's movements for accurate bone preparation for implants
- Image-free registration and planning software means the patient does not have to get a pre-operative CT scan, the surgeon maps the patient's anatomy and creates a custom plan for their knee
- Benefits experienced by the surgeons using the Navio™ technology over traditional manual PKR technique include:
 - o Greater surgical precision, fewer implant alignment outliers
 - o Accurate balancing of soft-tissue throughout the full range-of-motion
 - o An ability to picture what the x-rays will look like before making a single cut
 - o Achieving the final bone preparation with limited intra-operative adjustments
 - o Complete control of the surgical procedure without having to rely on a company representative to run the equipment

For information about the Navio™ technology, please call 269.979.2490.