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What is MAKO Robotic Uni-compartmental Knee Replacement (UKR)?

MAKO Robotic UKR is an advanced surgical technique that combines robotic technology with Uni-compartmental knee replacement surgery. It allows for precise planning and execution of the procedure, targeting only the affected compartment of the knee while preserving healthy tissue and bone.

Is a CT Scan required for MAKO Robotic Surgery:

The use of CT scans in robotic surgery can help minimize the risk of complications by ensuring that the surgical plan is based on accurate anatomical information. This can lead to better outcomes, reduced blood loss, shorter recovery times, and lower rates of postoperative complications.

How does MAKO Robotic UKR differ from traditional UKR?

MAKO Robotic UKR utilizes a robotic arm system to assist the surgeon in performing the surgery with enhanced precision. It enables the surgeon to create a personalized surgical plan based on the patient's unique anatomy and then guides the surgeon to execute that plan with greater accuracy.

What are the potential benefits of MAKO Robotic UKR?

The potential benefits of MAKO Robotic UKR include improved accuracy in implant placement, preservation of healthy tissue and bone, reduced risk of complications, shorter hospital stays, faster recovery, and potentially better long-term outcomes compared to traditional UKR.

How does the MAKO system work during MAKO Robotic UKR surgery?

During surgery, the MAKO system uses advanced imaging technology to create a 3D model of the patient's knee anatomy. The surgeon then uses this model to develop a customized surgical plan, and the robotic arm assists in executing that plan with precision, guiding the surgeon's movements during bone preparation and implant placement.

Does MAKO Robotic UKR result in a quicker recovery?

While individual recovery experiences may vary, some patients who undergo MAKO Robotic UKR may experience a faster recovery compared to traditional UKR due to the precision of the procedure and potentially reduced tissue damage. However, recovery timelines can depend on various factors, including patient age, overall health, and rehabilitation efforts.

What are the risks associated with MAKO Robotic UKR?

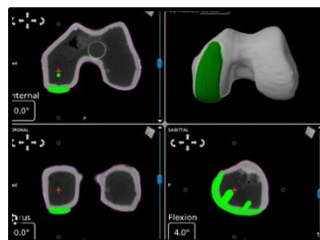
While MAKO Robotic UKR is generally considered safe, it carries similar risks to traditional UKR, including infection, blood clots, implant failure, and nerve or blood vessel damage.

How long does a MAKO Robotic UKR procedure take?

The duration of a MAKO Robotic UKR procedure may be slightly longer than traditional UKR due to the additional steps involved in robotic-assisted surgery.



MAKO ROBOTIC



MAKO UKR



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