

Mako robotic joint replacement surgery now available in SA

An orthopaedic robot arm system that delivers improved accuracy and reproducible joint replacement is now available in South Africa.



Source: Stryker

The Mako System allows the surgeon to customise the surgery by preparing a patient-specific pre-operative CT based surgery plan. The plan is designed to optimise the implant size and placement on the bone to match the patient's anatomy and joint kinematics.

During surgery the robotic arm assures accurate bone preparation and implant placement which was previously unattainable with conventional instrumentation.

"Accuracy is the key factor to the success of any surgery and more specifically for orthopaedic hip and knee joint replacement surgery." says Barbara Moore, chief operating officer for the Busamed Group.

The first orthopaedic surgery using the technology was performed at the group's Modderfontein hospital on 17 November, and is currently supporting both total hip replacement and partial knee resurfacing procedures.

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