

CUREXO SURGICAL ROBOT SYSTEM

CUVIS JOINT

Fully automatic artificial joint surgery robot,
with automatic cutting function
based on the Navigation System



Paradigm Shift in Arthroplasty

Surgery using
conventional tools

Surgery with
navigation system

Surgery with
navigation system
+
Active
robotic-cutting



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CUVIS JOINT

CUVIS-joint is an active Knee Replacement robot that is capable of automatic cutting with the Navigation System.

CUVIS-joint enhances convenience in surgery by providing optimal alignment with an optical tracking sensor. 6-axis articulated Robotic Arm secures a wider surgical area for superior surgical results. The real-time gap-check function allows the surgical plan to be modified at any time, even during the surgery, and the Open Platform system lets users choose and use a variety of implants.





3D Surgical Simulation

The CT-based 3D data helps users establish an accurate surgical plan. Users can adjust the insertion position, angle and alignment of the implant for each patient's condition.



Automatic Milling/Cutting

The Robotic Arm automatically and accurately moves based on the calculated values. It minimizes human errors such as slight vibrations caused while cutting. The cutter moves precisely and cuts the surface smoothly, which leads to stable implant insertion. It can also easily cut even narrow surfaces such as the Peg Hole and the Box.



Various Resection Modes

The surgery can be performed after selecting the optimal method. Full Surface Resection is a method that allows the users to cut the bone in one step according to the initial surgical plan. Extension Surface Resection is a method that allows the users to change the surgical plan at any time by checking the gap during the surgery.



Open Platform

As the Open Platform system offers various implants, the surgeon can select the optimal implant for the patient.

Personalized Arthroplasty With Robotic Precision



Cuvis by Curexo Inc. is designed to deliver unparalleled precision in arthroplasty and the utmost patient satisfaction

**"Cuvis" Open Library offers the widest selection of implants, —
customize every surgery for your patients!"**



OURO
EXCEL MPK



EXCEL
MEDIAL PIVOT



OURO
GOLDEN KNEE SYSTEM
GERMAN MAKE



GENIUS
TOTAL KNEE SYSTEM



SIGNATURE
UNCEMENTED HIP SYSTEM



SIGNATURE
LRS | AGLUNA



EVOCON
PROGRESSIVELY CONSTRAINED SYSTEM



ROTACON
ROTATING CONSTRAINED SYSTEM



SIGNATURE NX



SIGNATURE DUO



Here is the KUBER Ka Offer

K - Kinematic alignment and natural movement with Excel MPK and Robotic Precision

U - USFDA-Approved Implants for ensuring Reliable Arthroplasty

B - Bilateral Knee Surgery Revolutionized with Cuvis Technology

E - Enhanced Accuracy in hip replacement for first time in India

R - Revision Surgeries Redefined: Upgrade with Cuvis Precision, Revision Implants, and Dual Mobility Advantages



**Ready to see Cuvis in action?
Book your demo today**



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