



CUVIS JOINT ROBOTICS

Powered by Shalby Medtech

The next generation in robotic-assisted joint replacement, powered by Shalby Medtech and Curexo. The world's most trusted and widely adopted orthopedic robot redefining precision,

PLAN WITH PRECISION, PERFORM WITH CONFIDENCE

CUVIS Joint Robotics is a fully automatic surgical system designed for **accuracy, efficiency, and reliability** in robotic-assisted joint replacement.

Delivering sub-millimeter **precision and confidence** in every cut.

Surgical Planning with CUVIS Robotics

- CT-Based 3D Planning
- Virtual Surgery Simulation
- Adjustable Parameters
- Surgeon-Empowered Planning

KEY FEATURES:

Optical Tracking System (OTS)

Real-time navigation and

Automatic Milling & Cutting

Sub-millimeter accuracy reducing human error.

6-Axis Robotic Arm

Vibration-free bone cutting for stable implant alignment.



Dynamic Gap Balancing

Allows intraoperative modifications for perfect alignment.

Open-Platform System

Compatible with Shalby's CKS & TUKS and Duranium implants.

Various Resection Mode

Enables surgeons to assess flexion and extension gaps at any stage of the surgery.

Certifications: MFDS Approved (June 2020) | CE Approved (March 2021)

The Power Of Integration

CKS & TUKS & Duraniom - Designed for Precision

Integration of SAT's advanced Implant Systems with CUVIS Robotics

CHOOSE VITAMIN E KNEE IMPLANTS WITH THE ACCURACY OF A FULLY AUTOMATIC ROBOTIC SYSTEM



**SHARPER
PRECISION**
EVERY MOVE
COUNTS

**QUICKER
RECOVERY**
PRECISION SURGERY,
FASTER PATIENT
RECOVERY

**TRUSTED
TECH**
BACKED BY
GLOBAL
EXCELLENCE

CONSENSUS® KNEE SYSTEM

1. Enhanced anatomic patellar tracking for smoother flexion-extension.
2. VitalitE™ insert design enhances wear resistance.
3. Multiple sizing options ensuring patient-specific customization.

TAHOE UNICONDYLAR KNEE SYSTEM

1. Minimal bone resection preserving healthy tissue.
2. VitalitE™ insert design enhances wear resistance.
3. Perfect synergy with CUVIS for precise bone cuts and gap balancing

DURANIOM™

1. The only U.S.-made and U.S. FDA-approved Gold Knee Implant.
2. VitalitE™ insert design enhances wear resistance.
3. Its TiNbN-infused surface preserves healthy ligaments for more natural knee movement.

INNOVATION MEETS PRECISION

CT-based 3D planning

Adjust insertion position, angle and implant alignment for each patient

Open-Platform Compatibility

TUKS for UKR, CKS for TKR



Automatic Milling

Precise cutting and minimizing human errors

Real-Time Navigation

Making each movement accurate, safe, and predictable.

The Future of Orthopedic Robotics is Here

Experience the power of precision through technology, teamwork, and innovation.

For additional information, please contact your local Shalby MedTech distributor, or reach our customer service team at **+9163570 07339** or **infomedtech@shalby.org**.



SAT Inc.
RESTORING MOBILITY, IMPROVING LIVES.

USA Office: 1115 Windfield Way,
 Suite 100, El Dorado Hills, CA 95762.
 Ph: 916.355.7100



SHALBY
MedTech

India Office: Opp. Karnavati Club,
 S.G. Highway, Ahmedabad, Gujarat, INDIA.
 Ph: +91 63570 07339