

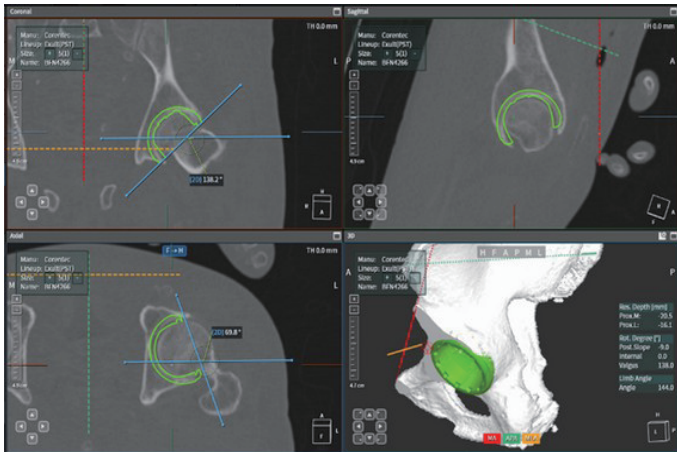
CUREXO SURGICAL ROBOT SYSTEM

CUVIS JOINT (THA)

CUVIS-joint (THA) is a CT-based surgical system with real-time tracking that enables precise implant positioning and guided hip replacement procedures.



Total Hip Arthroplasty



CT-based Surgical Planning

- CT-based 3D bone model generation and implant position planning
- Intra-OP plan change & parameter recalculation



Navigation with Optical Tracking System

- Real-time tracking of patient's position
- Cup reaming & Impacting
- Femur neck cutting and Stem broaching guide



Manual guide
of reaming tool



Robot posture correction
before reaming

Reaming

Impacting

What is CUVIS-joint (THA) ?

With an optical tracking navigation system, it provides real-time patient position tracking and supports cup reaming, impacting, femur neck cutting, and stem broaching guidance for accurate and safe surgery.

Why is CUVIS-joint (THA) ?

- Precise implant placement
- Leg length adjustment
- Restoration of natural movement
- Reduced risk of dislocation
- Shortened surgical duration

CUREXO SURGICAL ROBOT SYSTEM

CUVIS JOINT (THA)



Cup impacting tool
robot guide



Inserted cup posture
after impacting