

PLUS Orthopedics

Introduces robotics technology for knee and hip replacement. **Nico's** core technology complements the surgeons current work flow, right from **personalised pre planning to precise cutting**. The system not only performs with accuracy but has a streamlined and efficient interface.

Equipped with the best in class high speed camera, optical tracking sensors, multi axis robotic arm and superior safety sensors

Nico redefines Nice Company in the OT.

nice company



The nico Advantage

- + CT based virtual 3D model for better accuracy during Pre Operative **Predictive Planning**



- + **Adaptive Tracking** using a binocular vision system can intra operatively collect surgical instruments and marker position at High frequency



- + **Automatic positioning** minimizes human errors and maintains the saw cut plane to help execute precise and controlled cuts



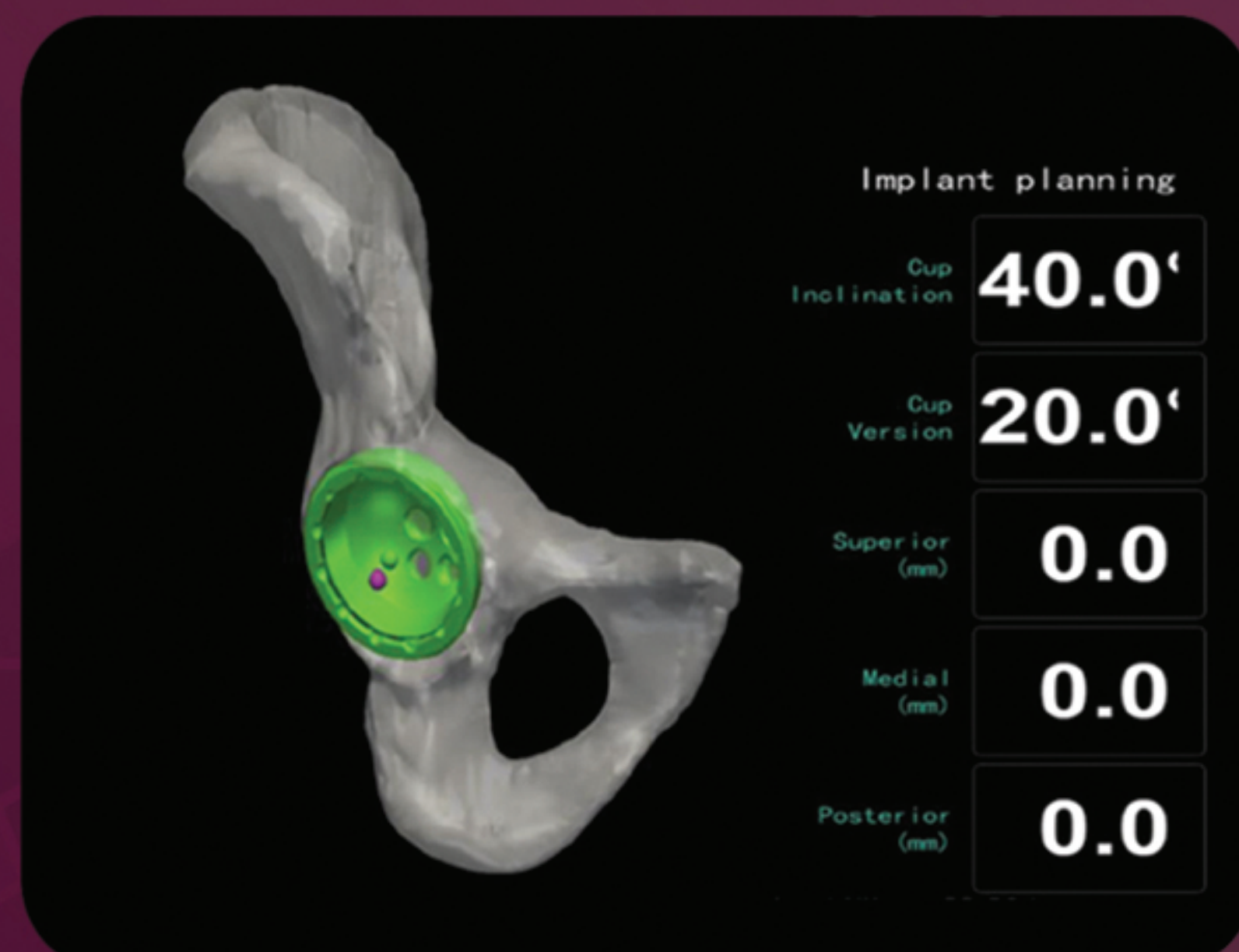
- + **Nico stop** feature helps surgeons stay within boundaries. Resection stops at the safety line



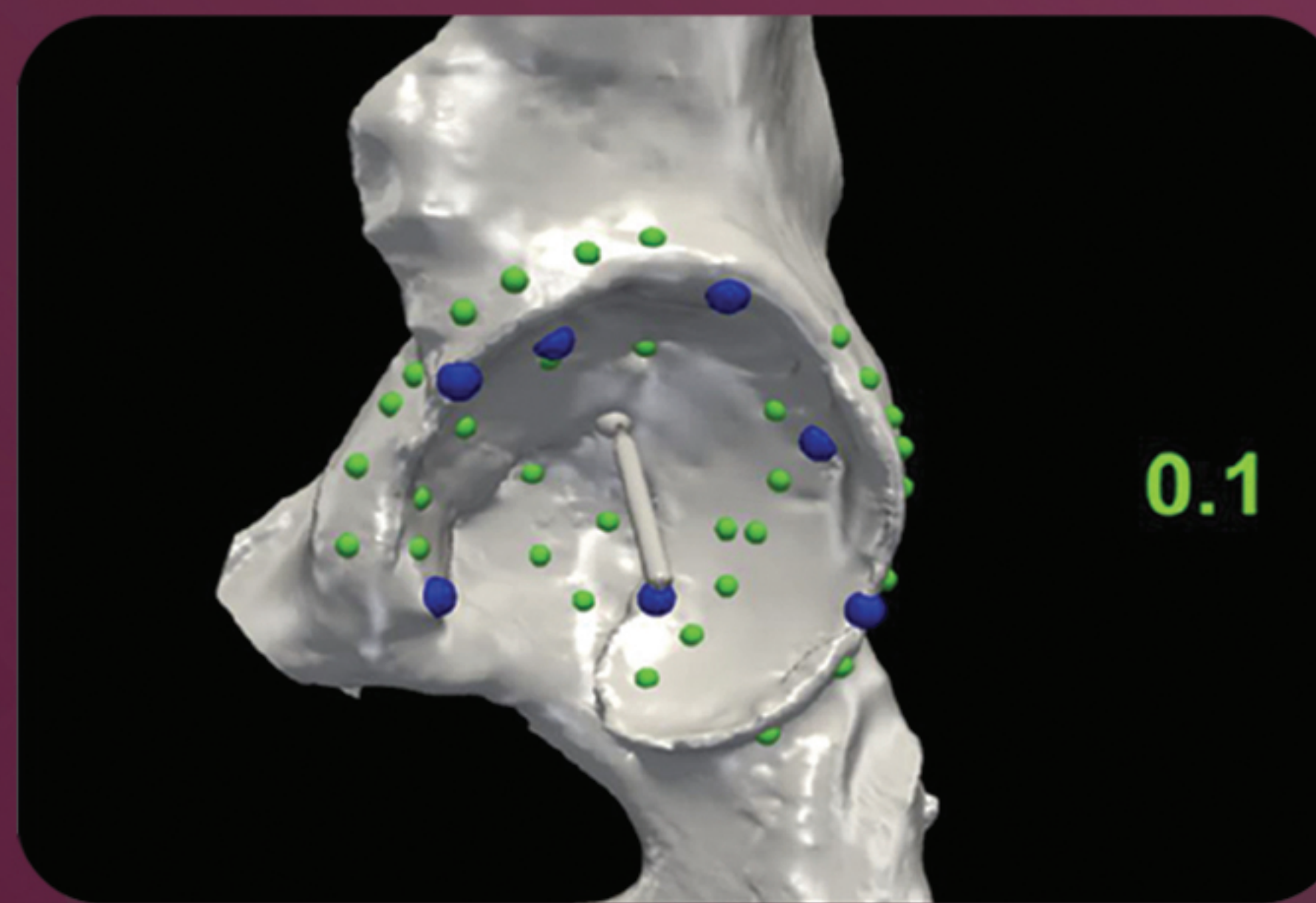
- + Versatile **Open platform** with interchangeable prosthesis brand options



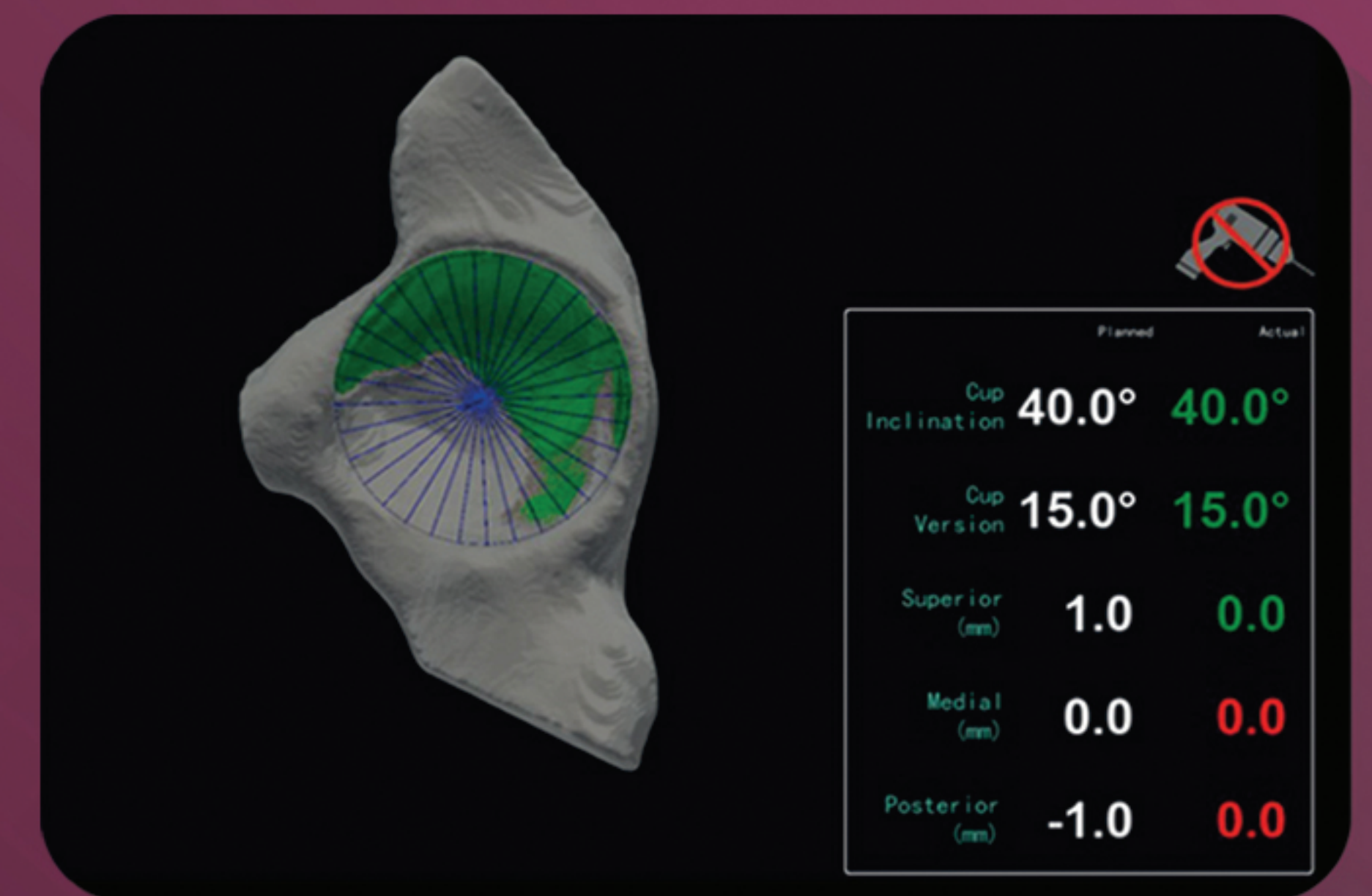
THA Procedure



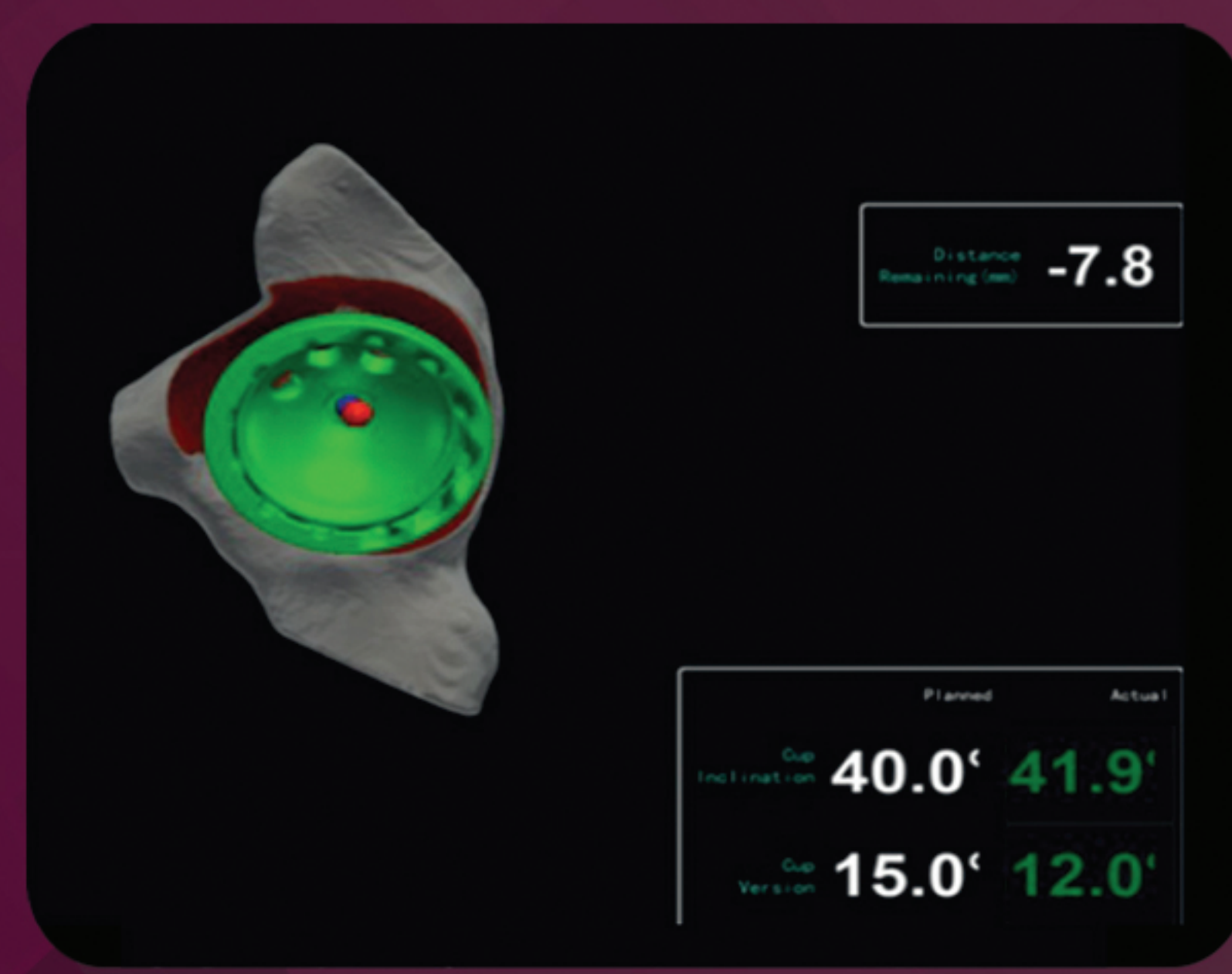
1. Preoperative Planning



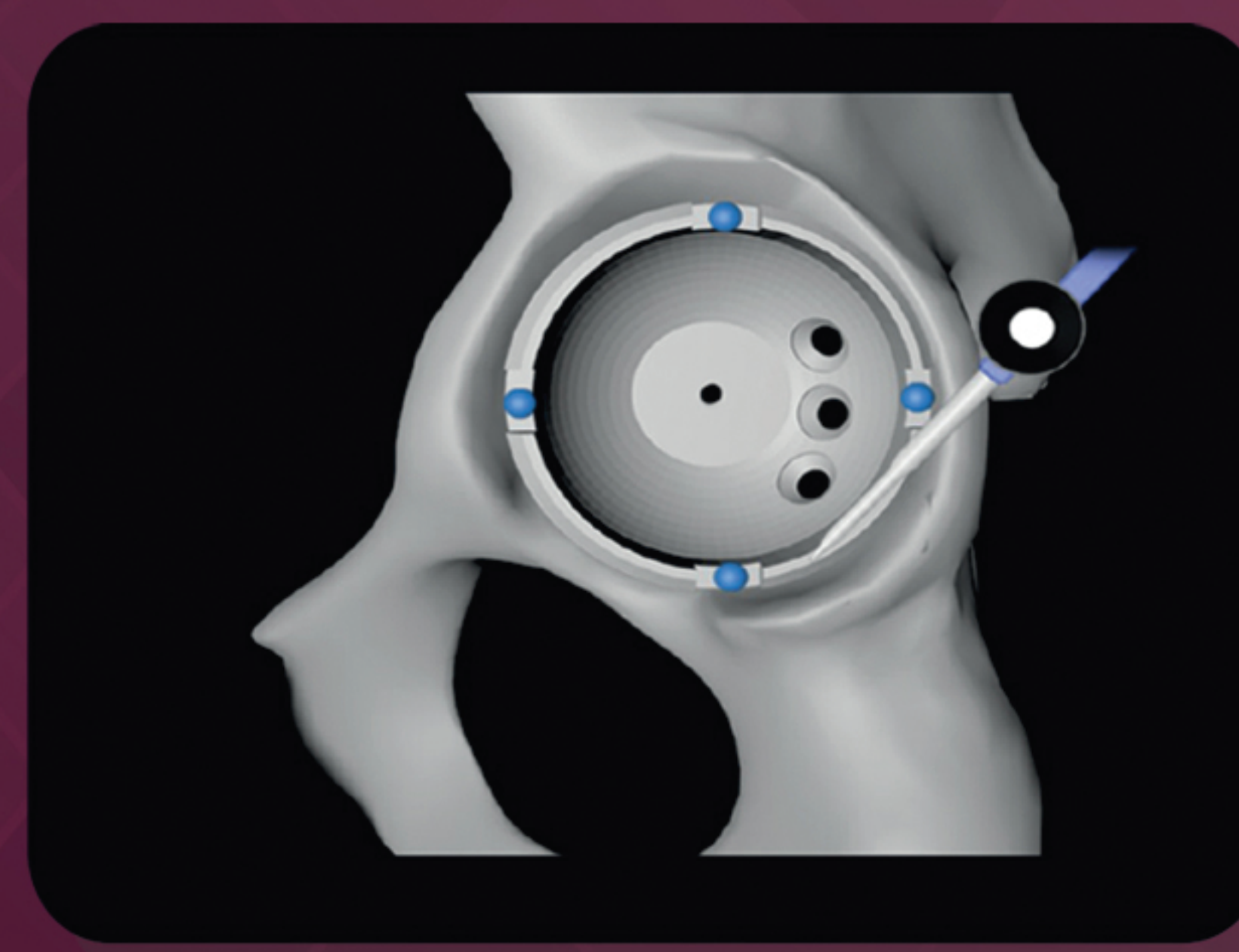
2. Intraoperative Registration



3. Intraoperative Planning

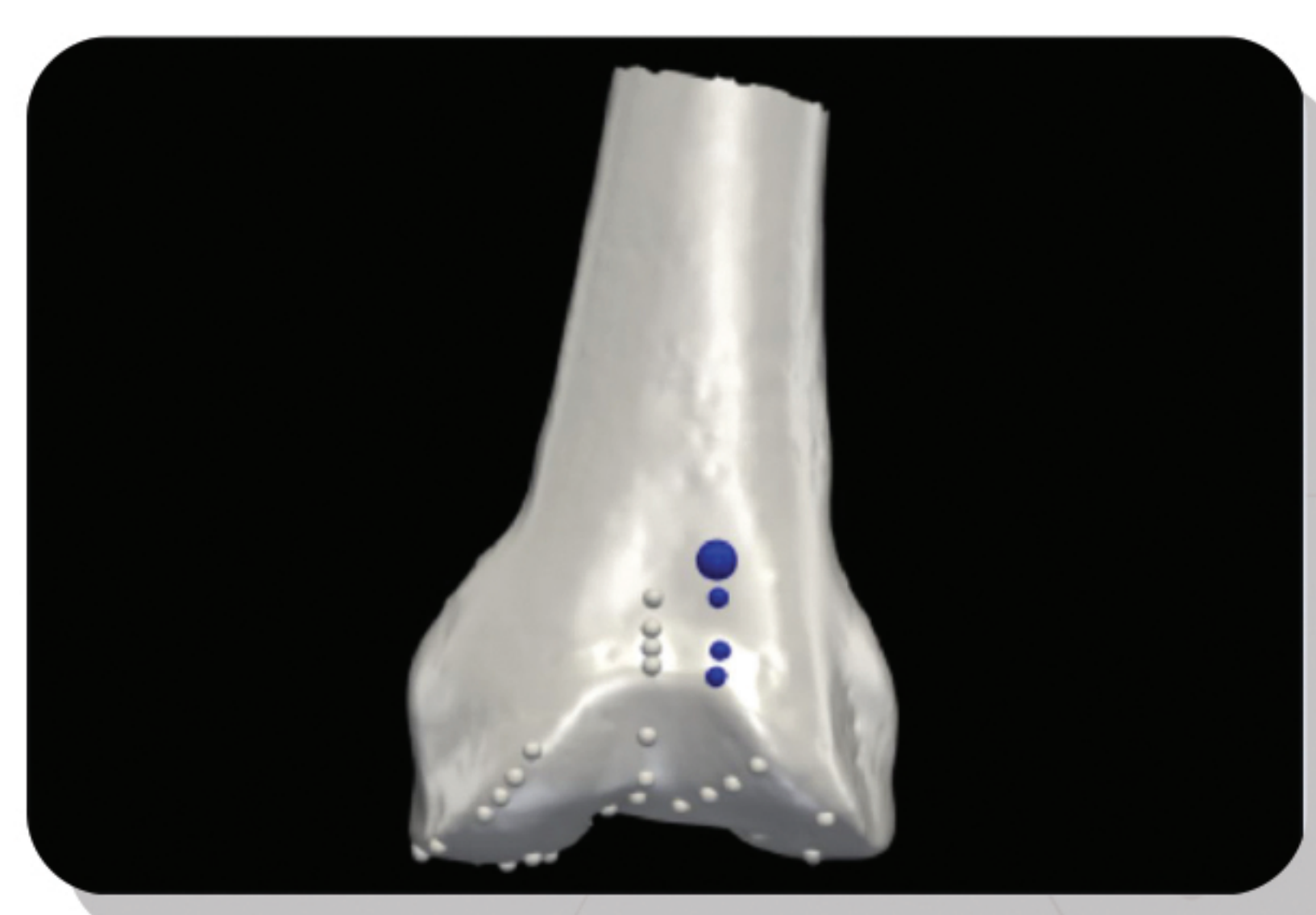
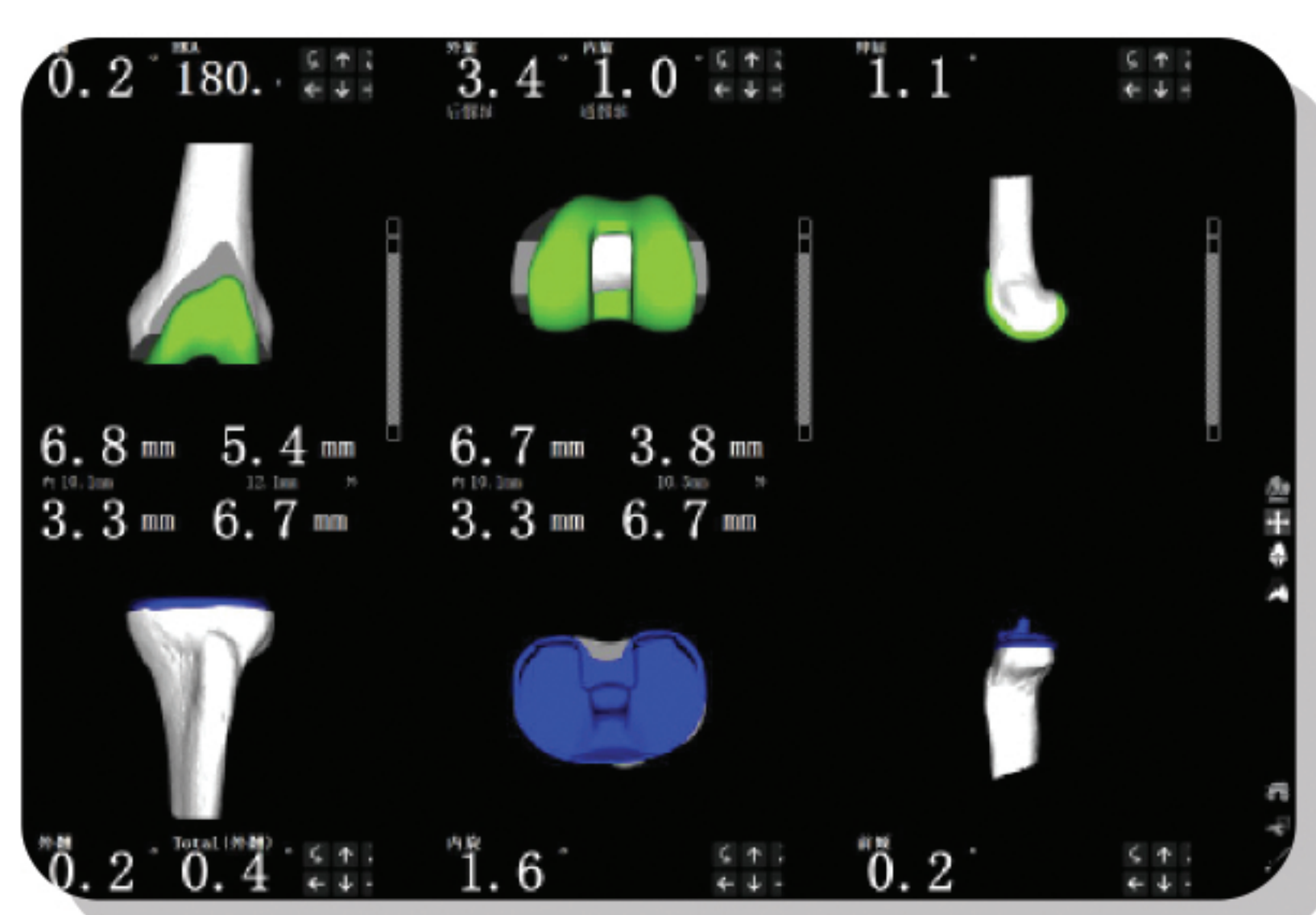


4. Acetabular Cup Placement

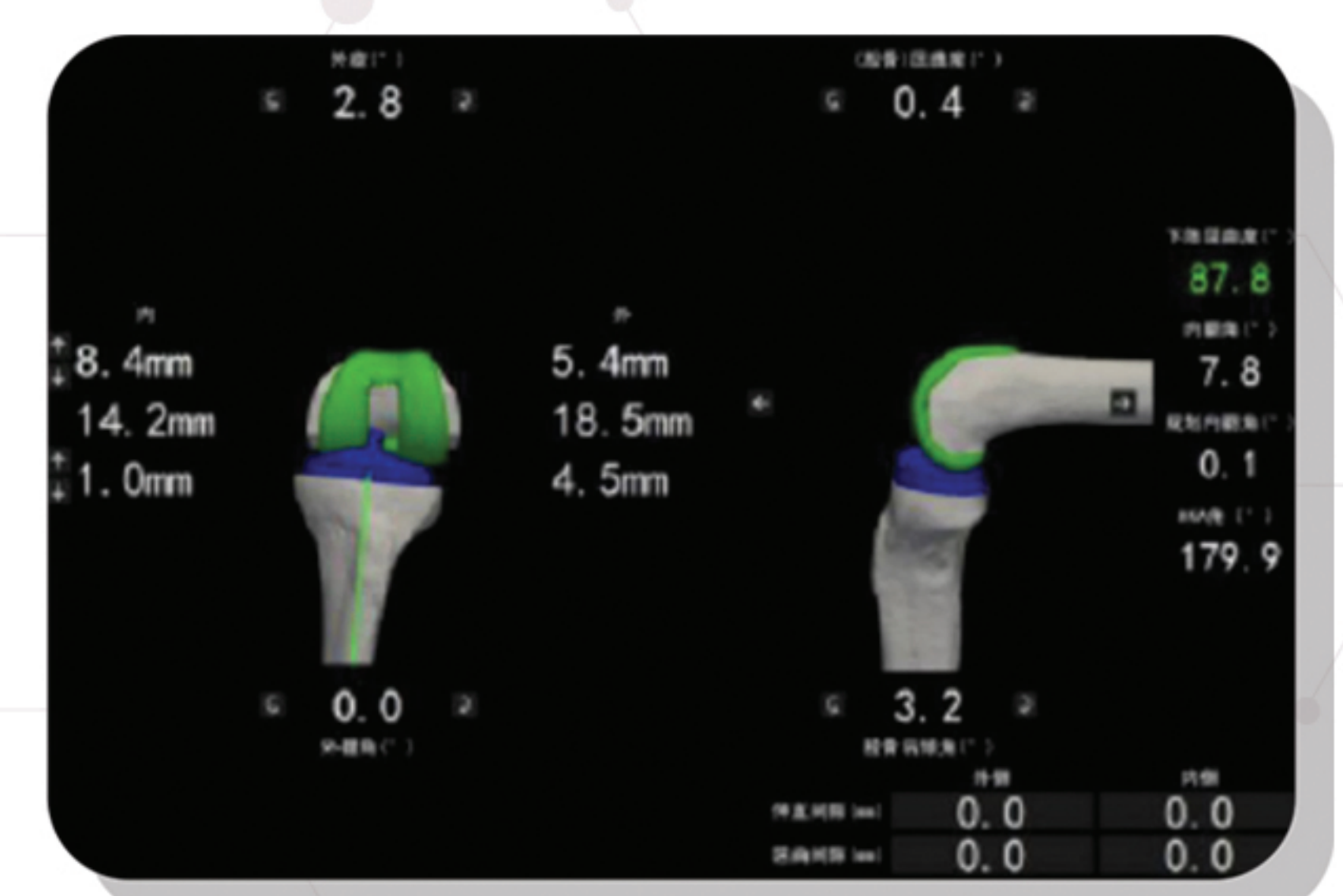


5. Intraoperative Validation

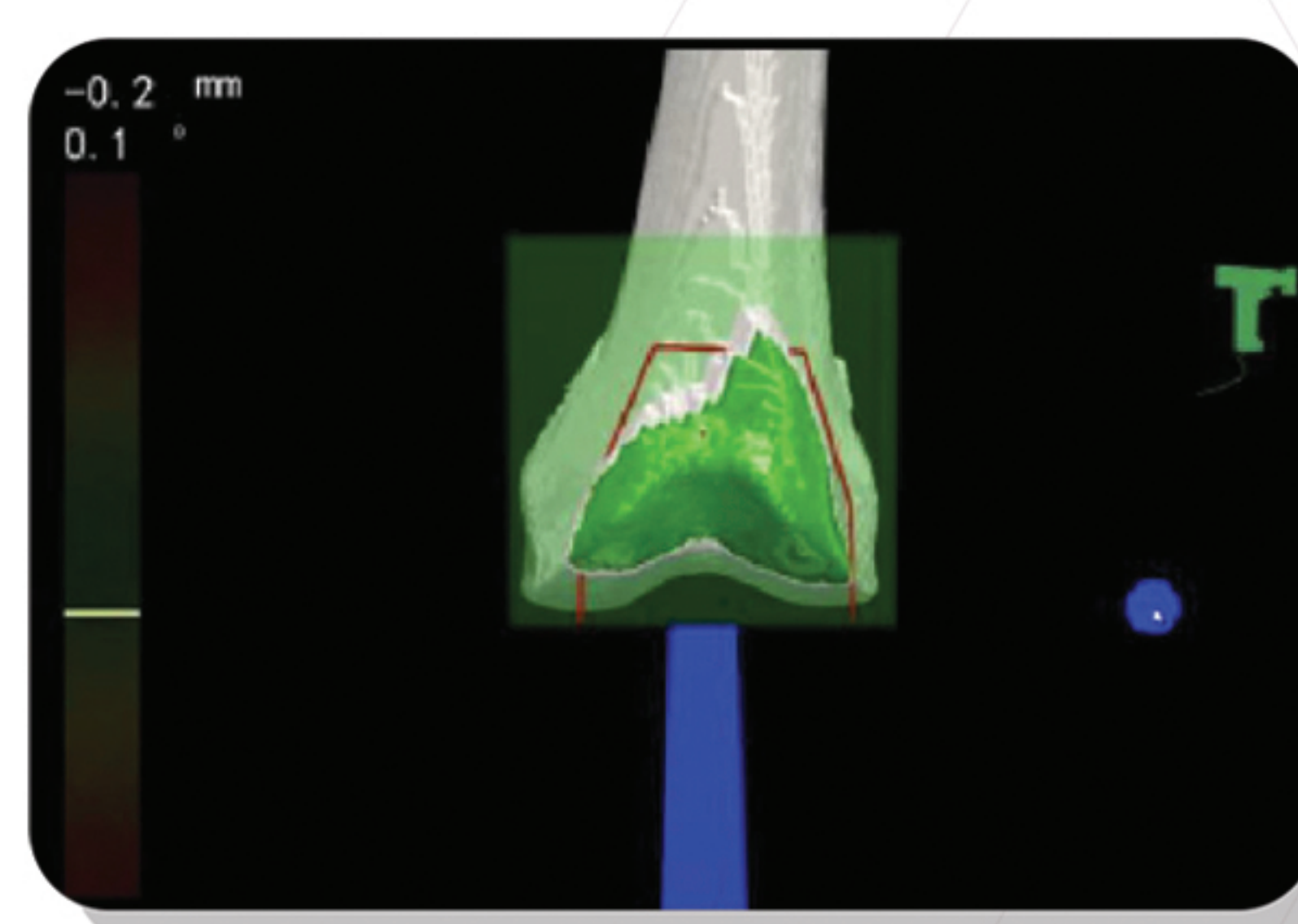
TKA Procedure



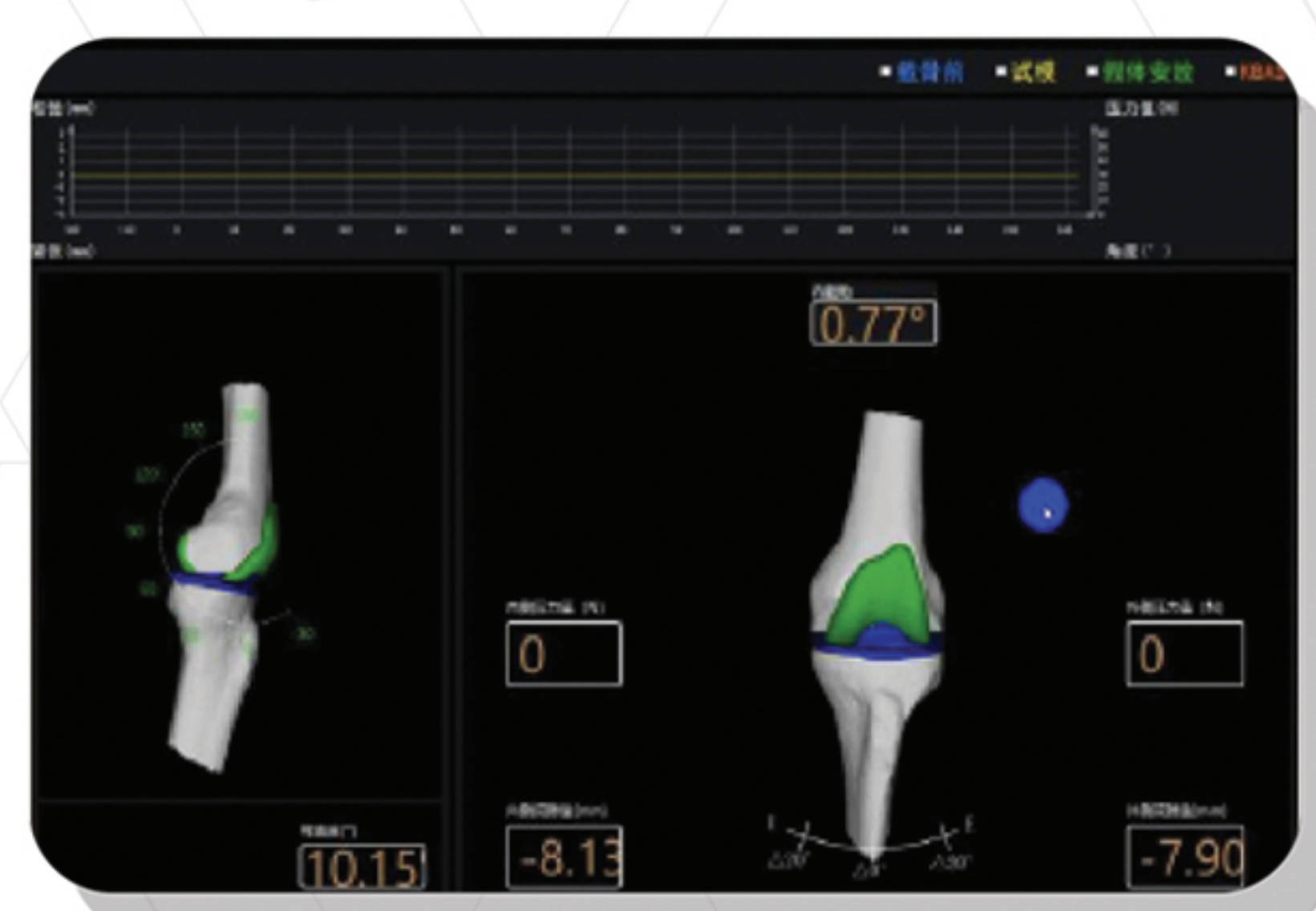
2. Intraoperative Registration



3. Intraoperative Planning



4. Bone Preparation



5. Movement Assessment

