

ROSA[®] Knee System

DELIVERING HIGH ACCURACY OF RESECTIONS BASED ON PLAN.



While surgeons can expect excellent implant survivorship when performing total knee replacement, studies suggest that one in four patients aren't fully satisfied with their new knee and report symptoms of pain, instability and decreased range of motion.¹⁻⁵

Inadequate alignment and gap balancing have been potential causes of these limitations and traditional instrumentation might not be accurate enough to help restore a natural, balanced knee.⁵⁻⁷

A recent cadaveric study conducted by S. Parratte et al., published in the Journal of Arthroplasty, found ROSA Knee can improve surgeon accuracy by providing an intuitive user interface displaying planned resections throughout the cut flow and a validation tool to verify cuts' accuracy in real-time.^{8*}

The study concluded that ROSA Knee:

- Provides high levels of precision in regard to targeted angles and resection thickness as measured by optical navigation⁸
- Confirms all of the angle mean differences between the target angles obtained from the intraoperative planning and the actual angles of the bone cuts performed were below 1° and had standard deviations below 1°⁸
- Validates all of the resection mean differences between the target resection and the measured resection were below 0.7 and had standard deviations below 1.1 mm⁸

*Cadaveric testing is not necessarily indicative of clinical performance.

For more information about ROSA Knee or to learn about opportunities to see the system in person, reach out to your local Zimmer Biomet representative or visit www.zimmerbiomet.com/rosaknee.

References

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