



MADE FOR THE SURGICAL TEAM



ROBIN AT GLANCE






ROBIN is a step forward in a new generation of safe and collaborative robotic solutions for smooth interaction with surgeons and OR staff.

According to Orthokey's vision, ROBIN is an affordable advanced surgical tool for a wide range of orthopaedic surgical procedures.

ROBIN is a robotic solution designed with and for our main partners, easy to handle, with great precision and repeatability to optimize clinical outcomes based on patient specific strategy.

ROBIN is a state-of-the-art solution in terms of system performance; furthermore, initial ROBIN's users' feedback has exceeded their expectations.

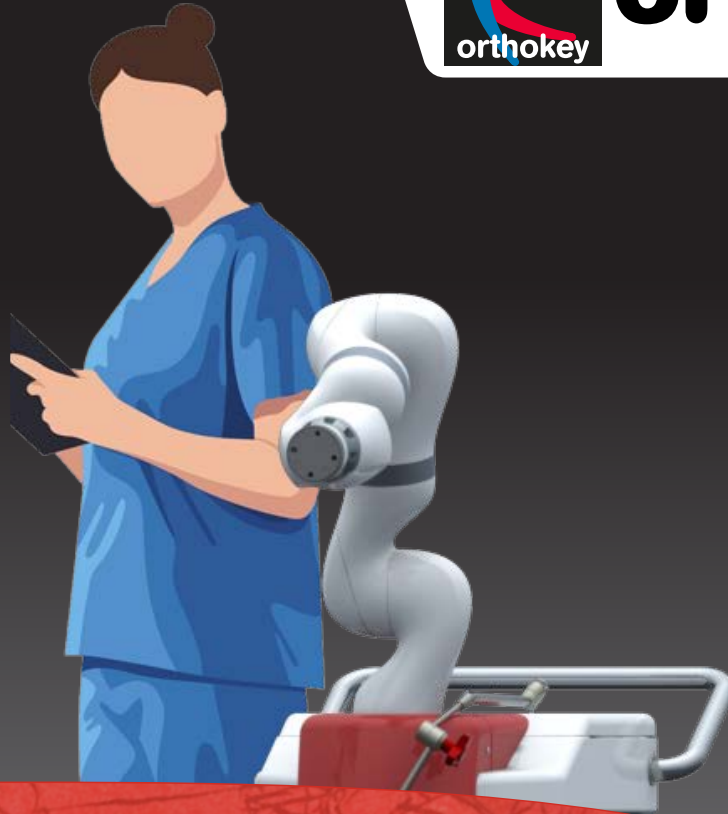
COMPETITIVE ADVANTAGES

-  Open platform: different implants design, more freedom for the surgeon.
-  Small footprint in the OR:
40% smaller respect to competitors.
-  Extremely competitive device at affordable sustainable pricing.
-  Advanced safe Collaborative Robot COBOT with seven DoFs.
-  Continuous solution improvement with new features and applications by Orthokey.

UPCOMING MILESTONES



orthokey



MODULAR FEATURES

Robot Assisted Surgery for TKA + Digital Assisted Surgery for: UKA, TKA, THA, HTO, RTKA.

No pre-operative CT based scanning.

Digital patient model for tailored surgery.

Kinematic Ligament Balancing.

Superior human robot interaction strategy

Surgeon in full control of each surgical task and decision with real time digital information.

Real-time patient's and robot's position tracking for safe interaction within specific working areas.

Virtual boundary guiding for smooth bone resection according to surgeon's strategy and plan.

Surgical experience

ROBIN supports precise bone resections, accuracy of overall limb alignment, and control of soft tissue balancing, reducing early revision rate.

Easy to Integrate in the OR set-up with minimal learning curve.

COMPOSED BY

ROBIN Robotic Unit

ROBIN Digital Unit

ROBIN Surgical Instruments

ROBIN Procedures licences

DESIGNED TO

Provide the surgeon with a greater satisfaction through an easy-to-use tool.

Be Time Neutral.

Support the implant of next generation of prosthesis.

Be the first step of a more extensive applications of collaborative robot in OR.

CONSUMABLES

ROBIN Surgical consumables come in a compact and affordable kit.

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