TMINI®

Miniature Robotic System | **A Product of Unconstrained Thought**

ROBOTICS REIMAGINED

THINK™ SURGICAL

Thought provoking technology™

Reimagined to be simplified

The TMINI® Robot is a state-of-the-art miniature, handheld, wireless robotic system designed to enable accurate and precise implant placement. It easily integrates into the OR with overhead active tracking, allowing for unrestricted patient access.

The TMINI System is powered by CT-based 3D surgical planning and the TMINI PRO™ Workflow for Positional Refinement & Optimization which enables intraoperative adjustments to help fine-tune implant positioning and stability. The TMINI System is an open implant robotic platform designed to empower surgeon implant choice.

Designed for all hospitals, **optimal for the ASC**

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Choice reimagined

TMINI Miniature Robotic System Market Coverage

Open-Platform Compatible with 12 FDA 510(k) Cleared Implants	**35%**[2]
Zimmer Biomet Exclusive Distribution Partner	**33%**[2]
Total	**68%**

- **Design Philosophies**
- **Implant Features**
- **Bearing Surfaces**
- **Alignment Philosophies**

Initial planning provided by THINK Surgical - approved by surgeon

The TMINI System utilizes TPLAN – our unique software platform that is used to create individualized three-dimensional surgical plans from a patient's CT scan.

TPLAN®

The most implant systems and design philosophies available of any orthopedic robotic system currently available in the U.S.

Reimagined for today's practice

State-of-the-art

- Allows for accurate and precise implant placement according to the surgical plan.[1]
- A miniature, wireless, robotic handpiece that offers a simplified solution and does not compromise on robotic precision or accuracy.

How it works

- Locates bone pins along precisely defined planes from a CT-based 3D surgical plan.
- Locks in and continuously orients within the operating envelope, automatically compensating for surgeon movement.
- Suspends activity if the TMINI Robotic Handpiece exits the operating envelope.

The TMINI System delivers **sub-millimeter and sub-degree accuracy and precision**[1]

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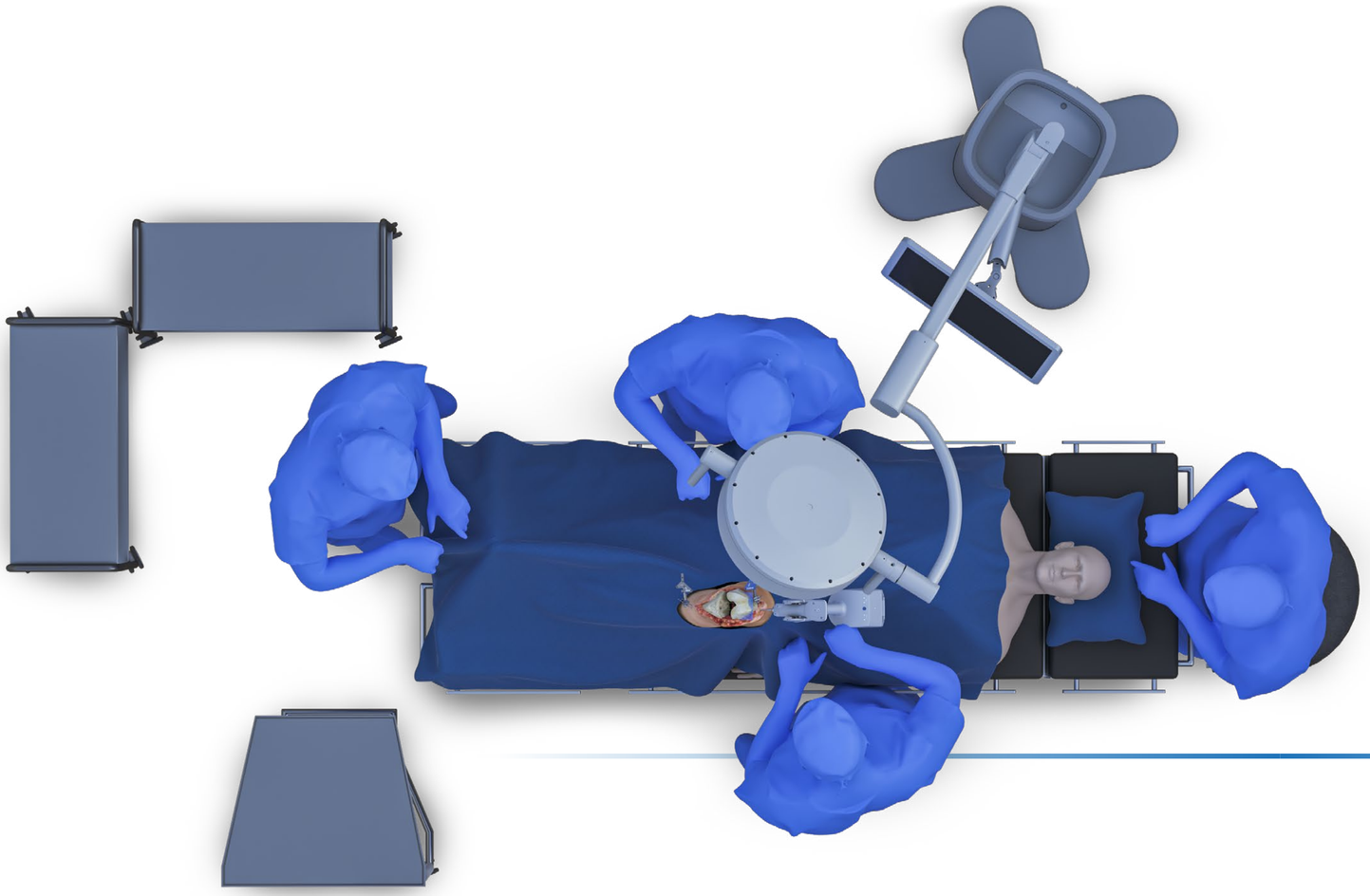
Reimagined from every angle



Easy to integrate

- Overhead active tracking system allows for unrestricted patient access with minimal bedside robotic footprint.
- Minimal OR set-up time for staff with one tray of robotic instruments for easy management.
- Surgeon has the freedom to choose how the OR is set-up.

Reimagined from the surgeon's point of view

Surgeon driven

- Intuitive smart tools so the technology keeps pace with you.
- Camera system automatically identifies smart tool selected by the surgeon and advances the workflow with minimal screen interaction.
- Robotic precision is combined with tactile feel by leveraging instruments surgeons are comfortable with.

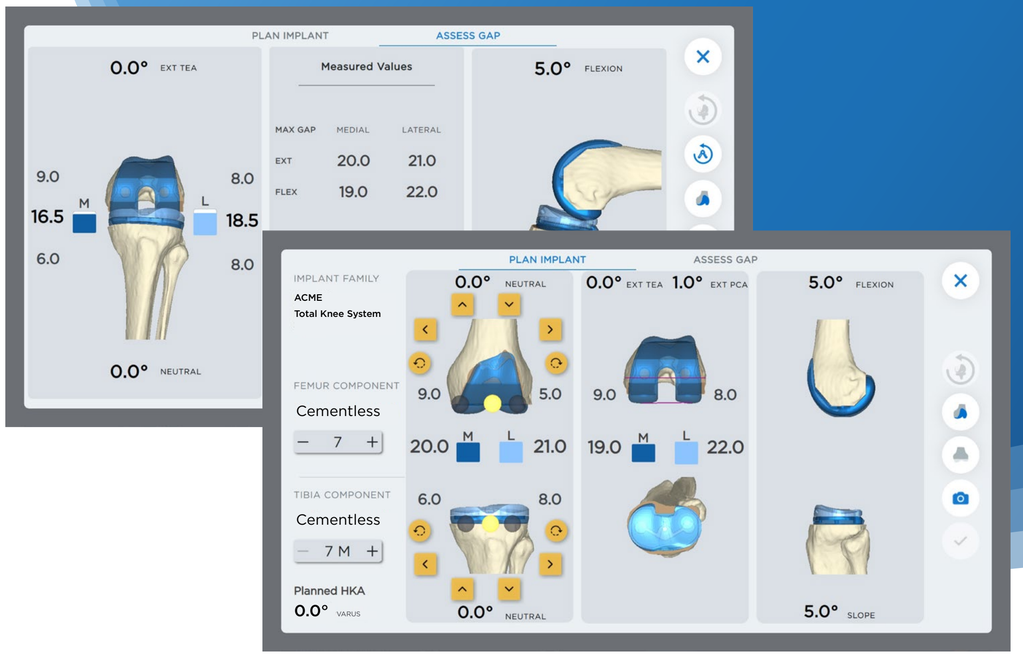
Workflow reimagined

TMINI PRO™ Workflow

The TMINI PRO Workflow empowers surgeon choice throughout the procedure by enabling Positional Refinement and Optimization (PRO) of the implant tailored to the patient's needs.

Dynamic data capture and real-time feedback allows surgeons to make positional adjustments to help fine-tune implant positioning and stability.

An intuitive experience that is customizable around workflow preferences and implant philosophy choices.



"[The TMINI System] and TMINI PRO Workflow provide me with everything I need from robotics for my total knee replacements. The ability to assess real-time, soft-tissue balance intraoperatively and adjust my plan according to my preferences in the OR helps me to deliver the best possible outcomes for my patients."

Alexander Sah, MD,* Co-Director of the Institute of Joint Restoration, Fremont CA

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Interested in learning more?
Click below.

marketing@thinksurgical.com

LinkedIn YouTube

About THINK Surgical Inc.

THINK Surgical, Inc. is a privately held U.S.-based technology innovator that develops and markets orthopedic robots. THINK Surgical robots are open platforms providing support for implant brands from multiple manufacturers, enabling the choice of implant to be driven by the surgeon.

Please refer to the instructions for use for the TMINI® Miniature Robotic System for a complete list of indications, contraindications, warnings, and precautions. For additional product information, please visit **www.thinksurgical.com**.

*Alexander Sah, MD is a paid consultant of THINK Surgical, Inc.

References:
1. Data on file. Data is based on TMINI System assisted placement of cut guide compared to planned placement. (TS-24-017 Rev B)
2. Data on file.

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