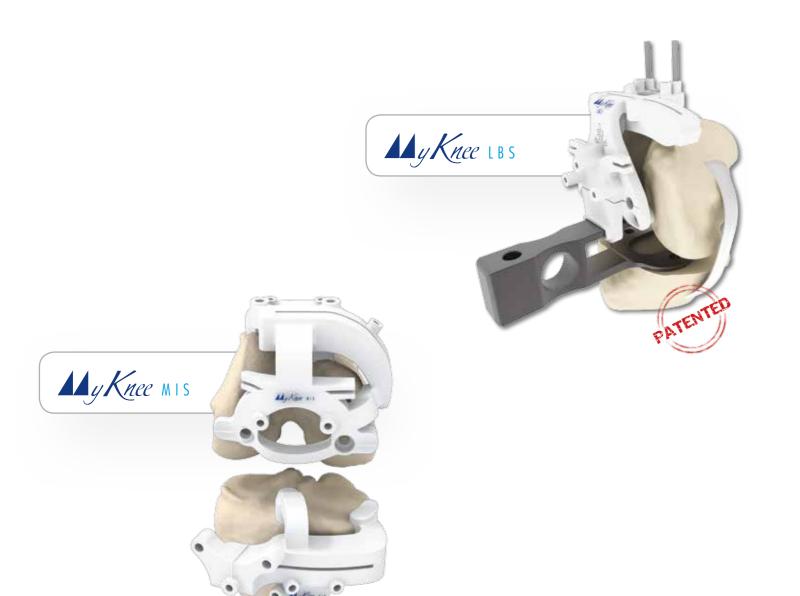


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TECHNOLOGY



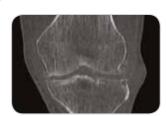


SPECIAL FEATURES OF MYKNEE:

- THIS ONE WORKS! Proven accuracy and effectiveness of MyKnee [1-13]
- Actual Cutting Blocks, not just pin positioners
- CT or MRI based
- Online case management

■ Complete in-house technology including the assistance of a personal MyKnee technician and only 3 weeks lead time!

THE MYKNEE JOURNEY





1. Medacta receives the 2. MyKnee pre-operative CT or MRI images of the planning commences with implant is proposed to the has been validated by the 3D reconstruction of the surgeon who can modify this the surgeon, the in-house joint following the surgeon's planning, if required.



3. Virtual positioning of the 4. Once the planning manufacturing process

HOW TO START WITH MYKNEE

MYKNEE EDUCATION PROGRAM

Attempting a new procedure or working with new technology often means facing a learning curve that can sometimes lead to discouragement and subsequent discontinuance, preventing one from taking full advantage of the benefits offered

To minimise this learning curve and guided by the successful AMIS Education Program (continuously training hundreds of surgeons worldwide), the M.O.R.E. Institute has created a comprehensive Education Program which supports the surgeon step-by-step in the application of the MyKnee system.

■ Step 1 - Reference Center

Available in several countries worldwide you will have the opportunity to visit a Reference Center and attend live MyKnee

■ Step 2 - Learning Center

The MyKnee Learning Center offers you the opportunity to attend live MyKnee surgeries, meet experienced surgeons and discuss the clinical and economical aspects of MyKnee technology.

■ Step 3 - Support

Upon request you will receive the assistance of an experienced Reference Surgeon to assist with your first surgeries in your own hospita

■ Step 4 - Continuous Education

You can continue your education through GMK and MyKnee user meetings, M.O.R.E. International events, Reference Center visits and other educational tools.

Designed for you by you!

Simply contact Medacta and we will create an Education Program for you!





MyKnee PATIENT MATCHED TECHNOLOGY IN KNEE REPLACEMENT designed for you by you! Brochure

PATIENT MATCHED

INNOVATION: THE KEY TO SUCCESS

Medacta's core philosophy is based on the belief that innovation is the key to success. This leads to a constant effort towards the development of cutting edge solutions for Orthopaedics.

MyKnee is a patient-specific cutting block, allowing the surgeon to realize his pre-operative 3D planning, based on CT or MRI images of the patient's knee. This innovative concept combines different features giving potential benefits to both the surgeon and the patient.

- Accurate implant positioning[1-10]
- No intramedullary canal violation
- Up to 60% reduction of surgical steps and related time for bone resection
- Potentially one extra case per surgery session
- Up to 66% reduction of time and cost in washing, assembling and sterilization procedures
- Interactive 3D web planning







ACCURATE IMPLANT POSITIONING[1-10

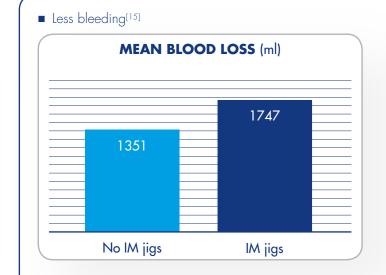
The MyKnee cutting blocks are made to match exactly the surgeon's pre-operative planning, based on individual patient's anatomy and mechanical axis:

■ Unmistakable positioning: the MyKnee guides are positioned on the bone using distinct references: the osteophytes.

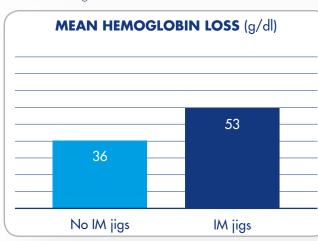
■ Maximized visibility through the guides during both blocks positioning and resections.

■ Telescopic alignment rod: the guides allow a drop rod to be connected, to validate, intraoperatively, the actual positioning and axial alignment of the blocks.

NO INTRAMEDULLARY CANAL VIOLATION

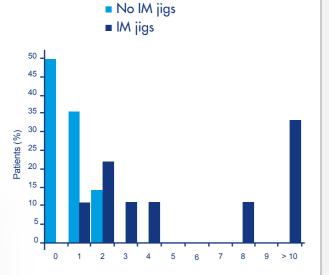


Less haemoglobin loss



■ Less risk of emboli^[16]

Emboli distribution as a percentage of patients operated upon using IntraMedullary jigs versus no IntraMedullary jigs.



Less blood loss equates to **transfusion savings** for the patient and the hospital.^[12]

MYKNEE OFFERS YOU MORE. .

■ THIS ONE WORKS!

Published articles prove the accuracy and effectiveness of MyKnee [1-13]

ACTUAL CUTTING BLOCKS, NOT JUST PIN POSITIONERS

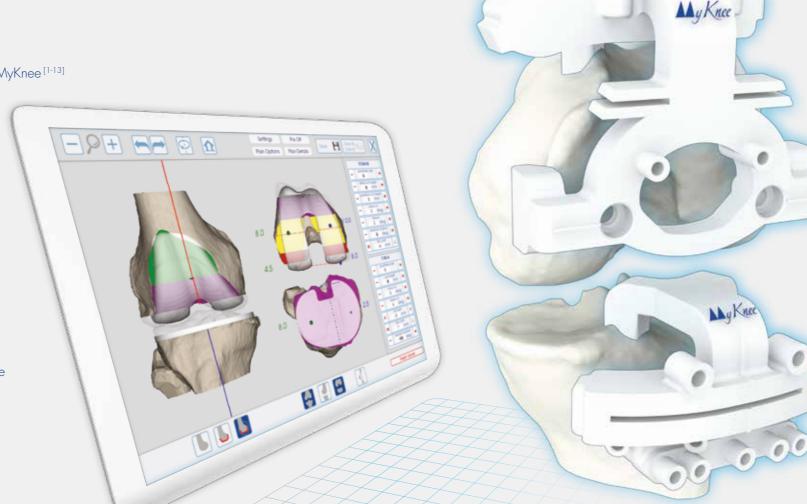
The bone resections are performed directly through the slots and all checks can be carried out intra-operatively before pinning the cutting blocks.

■ CT OR MRI BASED

Freedom to choose the preferred imaging technology.

■ ONLINE CASE MANAGEMENT

MyKnee cases are managed entirely online with no need to install software. The cases database is available to surgeon at any time, from anywhere and the information on the website is always kept up-to-date.



■ COMPLETE IN-HOUSE TECHNOLOGY

The MyKnee process is kept entirely in-house from the 3D anatomical reconstruction to the manufacture of the cutting blocks, allowing a direct contact between the surgeon and his personal MyKnee technician.

■ ONLY 3 WEEKS LEAD TIME

The shortest delivery time in today's market for this technology.

■ A PERSONAL MYKNEE TECHNICIAN JUST FOR YOU

Each surgeon is assigned a personal MyKnee technician to assist with any questions or concerns.

UP TO 60% REDUCTION OF SURGICAL STEPS AND RELATED TIME FOR BONE RESECTION[15]

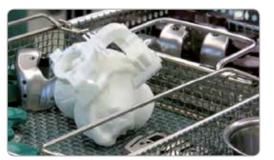
Only 3 surgical steps are required when using MyKnee cutting guides: fit - pin - cut, saving more than 20 steps.

A smaller number of surgical steps may reduce the overall surgical time, **POTENTIALLY ADDING ONE EXTRA CASE PER SURGERY SESSION**.^[10]

Moreover, the patient may benefit from:

- Less exposure to the risk of infection[17]
- Less time under anaesthesia
- Less tourniquet time

UP TO 66% REDUCTION OF TIME AND COST IN WASHING, ASSEMBLING AND STERILIZATION PROCEDURES[12, 18]

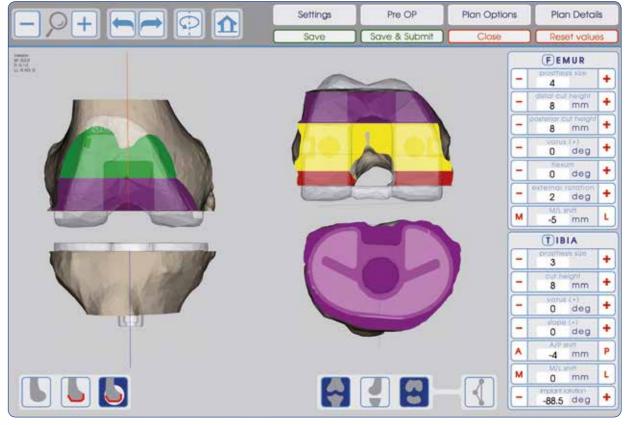


- Only 2 MyKnee trays opened vs. 6 or more for a conventional TKR
- Specific implants ready in the operating room
- Less set-up and turnover time
- Less risk of losing or damaging items
- Fewer cleaning requirements
- Improved operating room logistics and efficiency

INTERACTIVE 3D WEB PLANNING

DESIGNED BY YOU!

The MyKnee pre-operative planning is based on the surgeon's specific preferences and submitted to the surgeon for approval through an interactive website available at https://myknee.medacta.com.



The user interface may change without prior notice. The images shown above are for indicative purposes only showing the type of information provided by the interactive website.

With each case, the surgeon can modify femur and tibia parameters, such as:

- Femoral distal and anterior-posterior resection levels, femoral rotation, femoral flexion, femoral and tibial varus/valgus.
- Tibial resection level and tibial slope.

The MyKnee team is always at the surgeon's disposal and happy to help!

Once approved by the surgeon, Medacta produces the MyKnee cutting blocks using in-house laser sintering technology.

The guides are then shipped to be ready for surgery.

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