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

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 CT or MRI images of the patient’s leg.
2. Virtual planning (planning process is personalized to the patient following the surgeon's preferences).
3. Virtual positioning of the implant is performed in the planning, if required.
4. Close the planning has been validated by the surgeon, the in-house manufacturing process starts.

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 by the new procedure or technology.

To minimize 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 surgeries.

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 hospital.

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.

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

Designed for you by you!
The MyKnee cutting blocks are made to match exactly the surgeon's pre-operative planning, allowing for accurate and effective surgical outcomes.

### ACCURATE IMPLANT POSITIONING

- The MyKnee cutting blocks are designed to precisely match the surgeon's pre-operative planning.
- The guides allow a drop rod to be connected, enabling precise validation of the telescopic alignment during both block positioning and resections.

### MAXIMIZED VISIBILITY

- The MyKnee guides offer a drop rod to be connected, providing clear visibility during surgery.

### LESS HEMOGLOBIN LOSS

- MyKnee guides minimize blood loss, leading to improved patient outcomes.

### UNMISTAKABLE POSITIONING

- The MyKnee guides ensure accurate positioning and axial alignment, reducing the risk of errors.

### NO INTRAMEDULLARY CANAL VIOLATION

- MyKnee guides avoid violating the intramedullary canal, ensuring patient safety.

### EOS IN-Clinic®

- 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.

### EOS In-Clinic® + EOS Online

- Patients can access their personal MyKnee case management through the interactive website, allowing for remote access.

### UP TO 60% REDUCTION OF SURGICAL STEPS AND RELATED TIME FOR BONE RESECTION

- Only 2 surgical steps are required when using MyKnee cutting guides, saving more than 20 steps.

### UP TO 66% REDUCTION OF TIME AND COST IN WASHING, ASSEMBLING AND STERILIZATION PROCEDURES

- MyKnee trays are opened, saving more than 20 steps.

### COMPLETE IN-HOUSE TECHNOLOGY

- The MyKnee process begins with the initial creation of the CT scans, ensuring efficiency from start to finish.

### ONLY 7 WEEKS LEAD TIME

- The available delivery time means that the technology is ready for use quickly.

### A PERSONAL MYKNEE TECHNICIAN JUST FOR YOU

- Each surgeon is assigned a personal MyKnee technician for support and guidance.

### REFERENCES