

**INSTRUMENTS**

The **MyKnee UNI** patient matched cutting block has been created to accurately prepare the tibia and size the femur to match the surgeon's pre-operative planning, based on the individual patient's anatomy and mechanical axis.<sup>[1]</sup>

**MyKnee UNI**  
PATIENT MATCHED TECHNOLOGY  
IN KNEE REPLACEMENT



**Compact instrumentation:** only two trays are required to complete a GMK UNI Surgery.



**Low profile/smaller instruments** easily adapt to minimal exposure and patella-in-place procedures.



**Spacer-mounted cutting blocks:** ensure that all femoral resections create balanced flexion and extension gaps.



**REFERENCES**

[1] Dao Trong ML, Diezi C, Goerres G, Helmy N. - Improved positioning of the tibial component in unicompartmental knee arthroplasty with patient-specific cutting blocks, *Knee Surg Sports Traumatol Arthrosc.* 2014 Jan 17.

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## ANATOMIC IMPLANT

### ANATOMIC FEMORAL PROFILE

Design based on the analysis of **anthropometric data** of thousand distal femurs collected via the **MyKnee Database**.

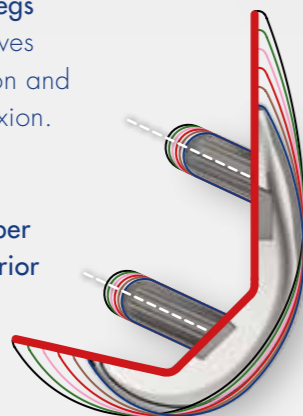
The anatomic distal profile prevents **patellar impingement** and aids accurate implant sizing and positioning.



### OPTIMIZED INTERNAL PROFILE

Flexed posterior cut with **angled pegs** create a "wedge" effect that improves primary fixation, simplifies impaction and avoids implant expulsion during flexion.

Flexed posterior cut allows for **deeper flexion** whilst minimizing the posterior femoral resection.



All sizes have the same femoral resections and peg positions giving intra-operative flexibility, enhanced by compact and efficient instrumentation.

### DESIGNED FOR HIGH FLEXION

The multiradius sagittal profile provides **more natural knee kinematics**, **improved knee flexion** and promotes "rollback" of the femoral component.

Asymmetric design helps **prevent edge loading** throughout the entire range of motion.

### ROUND-ON-FLAT ARTICULATION

Reduces stress on the tibial baseplate and allows **patient specific kinematics**, rather than imposing them.



## PRODUCT RANGE

### FEMORAL COMPONENT

- 6 sizes (from 0 to 5) for 2 sides: LMRL / RMLL
- Material: Cobalt-Chrome
- Cemented: 1 mm deep pockets

### INLAY

- 5 sizes (from 1 to 5) thickness from 8 to 14 mm
- Material: UHMWPE
- Fixed

### TIBIAL COMPONENT

#### METALBACK

- 5 sizes (from 1 to 5) for 2 sides: LMRL / RMLL
- Material: Cobalt-Chrome
- Cemented

#### FULL-PE

- 5 sizes (from 1 to 5) thickness from 8 to 14 mm
- Material: UHMWPE
- Cemented

**GMK** SYSTEM  
GLOBAL MEDACTA KNEE

## TIBIAL COMPONENT

- Mirror polished fixed tibial baseplate minimizes backside wear.
- Optimal primary tibial metalback fixation and ease implant positioning thanks to their **MIS-Friendly design**: stabilization fixation fin and oblique fixation peg.



- Full-PE tibial component allows **simple, accurate and time-effective** implantation



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