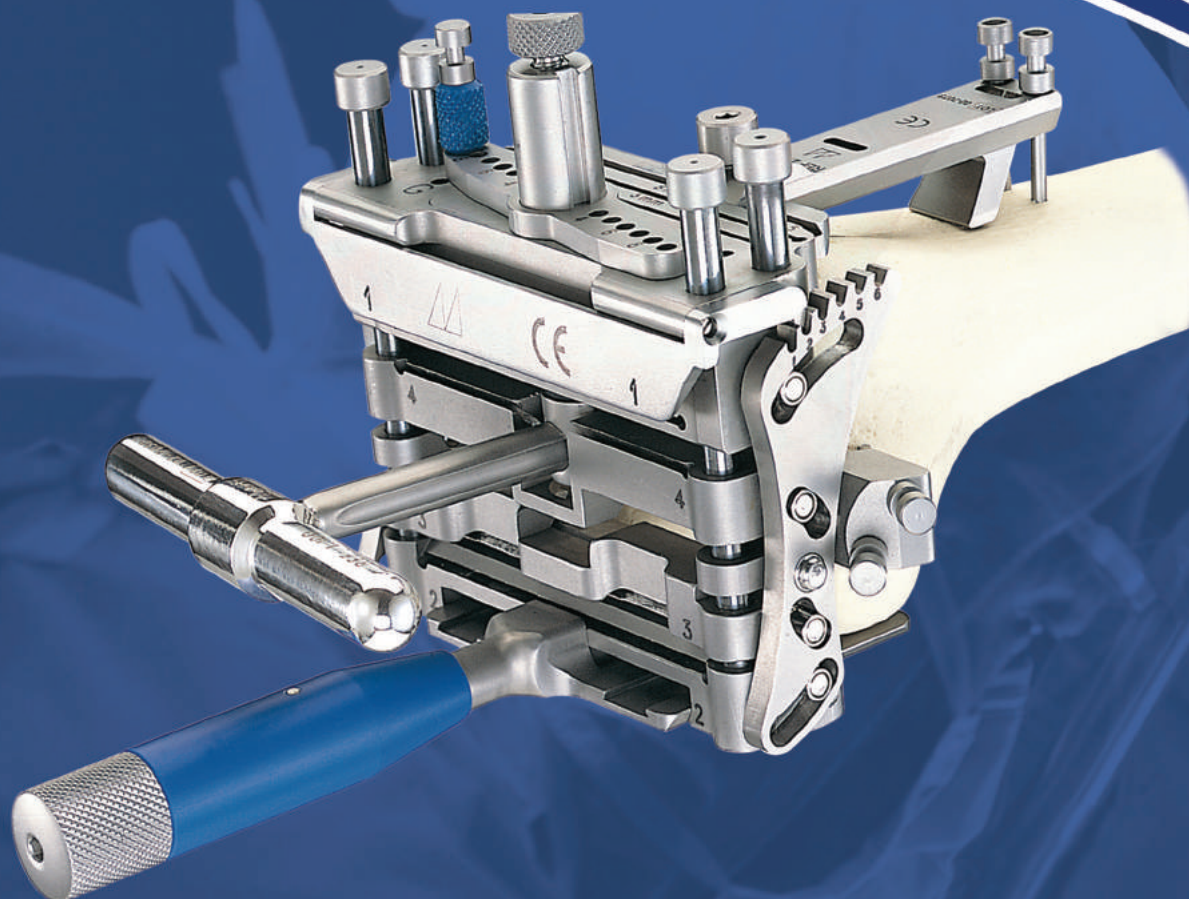


EVOLIS®



Medacta

International



EVOLIS KNEE JOINT REPLACEMENT SYSTEM®

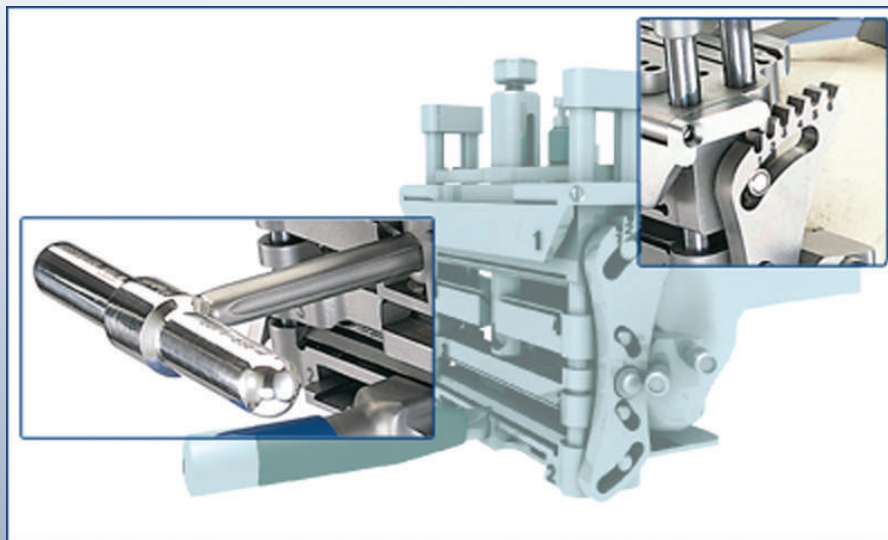
CONCEPT

The Evolis® concept is based on 3 main features:

1. A compact, easy and well designed ancillary which allows an accurate, fast and reproducible surgical act, offering at the same time several operative choices as well as checks during surgery.
2. Both design and implants' range are the result of a morphometric study aimed at the optimization of bone-implant surfaces.
3. The choice of common profiles allows interchangeability of the sizes without

compromising on maximal metal - polyethylene contact surfaces.

The Evolis Total Knee System has been developed in collaboration with a group of experienced orthopaedic surgeons making it possible to successfully realize throughout Europe, since 1996, thousands of knee arthroplasties.

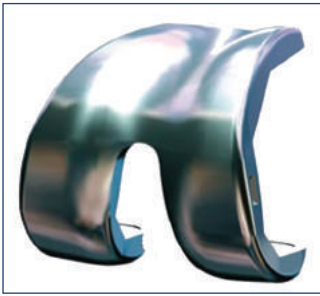


MATERIALS



- **Cobalt Chrome alloy** (CoCrMo, ISO 5832) for femoral components.
- **Titanium alloy** (Ti6Al4V, ISO 5832)
- for tibial baseplates, tibial screws, extension stems and PS insert screw.
- **Ultra High Molecular Weight Polyethylene** (UHMWPE, ISO 5834) for patella components and inserts.
- **Titanium plasma sprayed coating** (ASTM F 1580) for femoral component and tibial baseplate.

RANGE



STANDARD FEMORAL COMPONENT

6 left sizes
6 right sizes

With or without titanium plasma sprayed coating



PS FEMORAL COMPONENT

6 left sizes
6 right sizes

With or without titanium plasma sprayed coating



TIBIAL BASEPLATE

6 sizes

With or without titanium plasma sprayed coating

Tibial screws
(Ø 6.5mm; 6 lengths: 20, 25, 30, 35, 40 and 45 mm)

STANDARD INSERT

6 sizes
5 thicknesses (9-19 mm)



PS INSERT

6 sizes
5 thicknesses (9-19 mm)



UC INSERT

6 sizes
5 thicknesses (9-19 mm)



INSET PATELLA

3 sizes (Ø 20, 24, 28 mm)
Fixation with a central peg



RESURFACING PATELLA

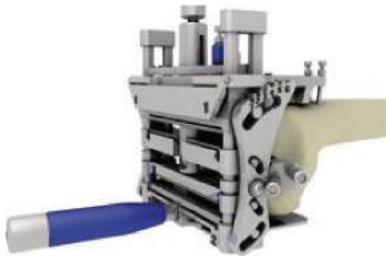
4 sizes (Ø 30, 33, 36, 39 mm)
Fixation with three equally distant pegs



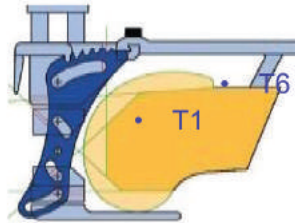
INSTRUMENTATION

FEMORAL CUTTING GUIDE

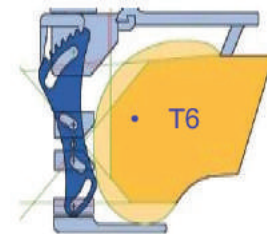
1 INSTRUMENT



5 CUTS



6 SIZES



The femoral guide allows:

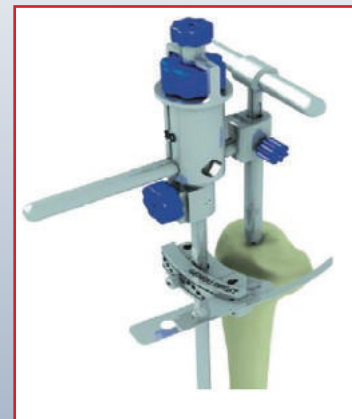
- >> Choice of the size.
- >> Performance of all cuts is not linked to femur size.
- >> Valgus regulation.

TIBIAL CUTTING GUIDE

Intramedullary referencing.

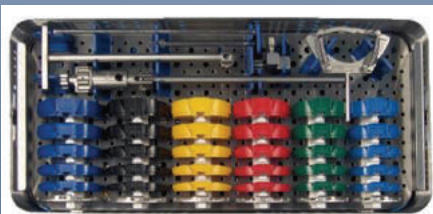
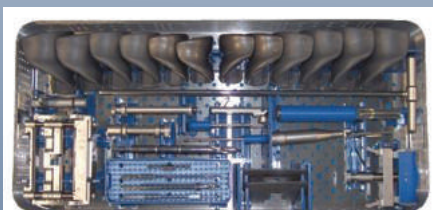
Tibial cutting guide allows:

- Micrometric regulation of the height of the cut.
- Regulation of posterior slope.
- Varus-valgus regulation.



COMPACT ANCILLARY

2 STORAGE AND STERILIZATION CASES



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