Modular Knee and Hip Options for Severe Bone Loss, Trauma and Revision
MOST Options® System
Modular Knee and Hip Options for Severe Bone Loss, Trauma and Revision

MOST Options Severe Revision Knee and Hip System provides maximum intraoperative options to match each patient’s needs. Severe bone loss cases require freedom of choice. That’s why the anatomic, modular MOST Options System gives you maximum intraoperative flexibility in implant selection, connection and fixation. The system offers a wide variety of implant sizes, segments, adapters and stems to accommodate these complex cases.

The MOST Options System helps patients with problems that require surgery due to:
- Bone tumors (including benign, metastatic and sarcoma cases)
- Revision cases requiring extensive bone resection
- Bone loss from traumatic injury
- Severe deformity such as osteomyelitis
- Damage to ligamentous supports

Distal Femoral Component with Hinged Tibia
**Instruments**
The MOST Options trials and instruments were developed specifically for this system to provide accurate and reproducible results. Trials precisely match implant geometry, allowing true intraoperative verification of the final implant fit. Innovative instruments complete the surgical system.

**Femoral Sizing Guide**
- Sizes the distal femur in relation to the femoral canal
- Determines anterior flange height position per implant size

**Resection Guide**
- Accurately determines severe bone resection level
- Reference for joint line restoration

**Tibial Broach and Tibial Baseplate Trial**
- One step tibial broaching and trial reduction preparation
**Hinged Femoral Design with Proximal Tibia Replacement**

**Situation:**
- 21-year-old male with three months of distal thigh and knee pain
- Biopsy proved osteosarcoma
- Patient underwent postoperative chemotherapy

**Solution:**
- **MOST Options** distal femur replacement with rotating hinge knee
- 120 degrees of flexion and full extension with no significant extensor lag
- Ambulatory without limp

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**Distal Femur Replacement**

**Situation:**
- 46-year-old male with multiple failed implants subsequent to trauma
- Loosened long stem THR
- Severe distal bone resorption around supracondylar plate

**Solution:**
- **MOST Options** total femur replacement with rotating hinge knee
- Complete gait restoration

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**Total Femur Replacement**

**Situation:**
- 46-year-old male with multiple failed implants subsequent to trauma
- Loosened long stem THR
- Severe distal bone resorption around supracondylar plate

**Solution:**
- **MOST Options** total femur replacement with rotating hinge knee
- Complete gait restoration
Treatment Options
The MOST Options System has four levels of options to provide maximum intraoperative flexibility based on surgical indication, implant selection, connection choice and fixation. The system allows a physician the flexibility to use bone replacing implants or resurfacing implants for bulk allograft solutions. Some of these alternatives are shown in the proximal/distal femoral and proximal tibial options.

The MOST Options rotating hinge is the key to intraoperative flexibility. The innovative rotating hinge design allows any of the femoral and tibial options shown to easily mate together to match each patient’s individual requirements.

The MOST Options System, in combination with the CoCr Heads or Bipolar/ Unipolar System pictured above, provides an extensive solution to the most difficult revision and/or severe bone loss cases.