



OsteoBridge™ IKA

Merete®
Limb Salvage
System



Severe complications such as radical bone loss, implant and tissue instabilities, implant failure and persistent pain need to be addressed. Timely interventions may prevent muscular deficiencies and osteonecrosis from progressing. OsteoBridge™ IKA is used to preserve the affected leg and provide long-term load-bearing.

Merete's intramedullary nails in the femur and tibia are joined through a spacer segment in the metaphyseal resection. Cemented or non-cemented nails manage loads throughout the canal while the body junction supports the osteotomy planes. The system offers:

- + **Early Weight-Bearing and Maintaining Leg Length**
- + **Intraoperative Ease-of-Use and Extensive Modularity**
- + **Nail and Spacer Sizes for Optimal Anatomic Fit**

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Several nail geometries and sizes can be joined in the same spacer to address a variety of anatomic conditions (Tab. 1). This extensive modularity is supplemented with an outer spacer diameter of 40 mm that supports the osteotomy planes under load and prevents leg length discrepancies. A 10° static spacer flexion angle additionally enables the surgeon to adjust varus/valgus positions through a simple rotation. Thus, the desired position of the leg is adjusted intraoperatively and not defined through the implant. Additionally, an interlocking screw option is available for non-cemented fixation. OsteoBridge™ IKA offers an effective, single-stage salvage procedure (Fig. 1).

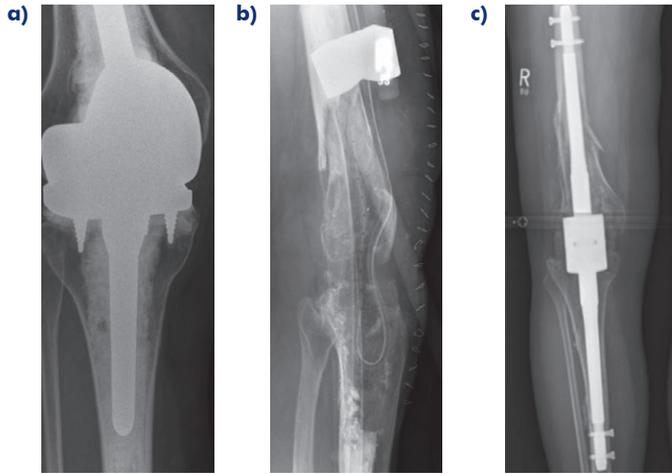


Figure 1: Salvage of a Failed TKA. 40-year-old trauma patient with an initial meniscus resection and hinge knee (a) (LinkBIO, Germany) implantation that failed through a patella subluxation after an accident (b) and was salvaged with OsteoBridge™ IKA (c).

Table 1: OsteoBridge™ IKA. Available spacer size for 50 mm resections combined with nail diameters from 10 to 20 mm (2 mm steps) with straight, tapered and curved geometries in lengths from 130 to 300 mm.

Nail						
Size in mm						
Collared	Ø out	10	12	14	16	18
	Length	130, 150, 200				
Straight						
						

Nail					
Size in mm					
Non-Collared	Ø out	14	16	18	20
	Length	130, 150, 200			
Tapered					
					
Non-Collared	Ø out	14	16	18	20
	Length	250, 300			
Curved					
					

Screws	
Size in mm	
Ø out	5
Length	20-65
	

Spacer	
Size in mm	
Ø out	40
Length	50
Angle	10°
	



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