### Setting the Stage for

## **Simplified Two-Stage Revision**

### StageOne<sup>™</sup> Knee Cement Spacer Molds

StageOne spacer molds are fully customizable and simplify the complexity of a two-stage revision. The articulating spacer simplifies re-implantation by maintaining the joint space, which reduces soft tissue adhesion and enables better range of motion.

- Designed to retain the patient's natural range of motion
- Maintain soft tissue tension for second stage re-implantation
- Assist in enabling patient ambulation in combination with traditional mobility-assisting devices
- Tibial and femoral sizes are completely interchangeable
- Available in four sizing options



# Periprosthetic Joint Infection - A Serious Complication

PJI is one of the most common and devastating complications after total joint replacement; often resulting in prolonged hospitalization and considerable patient morbidity. Despite significant technological advancements in implants and techniques, PII now accounts for 25% and 15% of failed TKA and THA.

PJI is a significant burden to the overall healthcare system with increases in cost, longer hospital stay, and a higher likelihood of readmissions compared to primary surgery.<sup>3</sup>

Our goal is to simplify the complexity of revision care and bring some predictability into the unpredictable. Managing PJI begins with a proper analysis of risk factors. Whether evaluating a patient for potential infection prior to surgery, or working towards a definitive diagnosis after surgery, Zimmer Biomet seeks to expand the offering of reliable and cost-effective tools to support infection management throughout the full continuum of care.



#### StageOne Knee Cement Spacer Molds

Product		Estimated Number		
	Description	of 40g Cement Mixes	Part Number	Units/Box
	Femoral Knee Cement Mold 60 mm	2	432160	1
	Femoral Knee Cement Mold 65 mm	2	432165	1
	Femoral Knee Cement Mold 70 mm	2	432170	1
	Femoral Knee Cement Mold 75 mm	2	432175	1
	Tibial Knee Cement Mold 65 mm	2	433165	1
	Tibial Knee Cement Mold 70 mm	2	433170	1
	Tibial Knee Cement Mold 75 mm	2	433175	1
	Tibial Knee Cement Mold 80 mm	2	433180	1



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<sup>1.</sup> Kurz, S. M., et al. Economic Burden of Periprosthetic Joint Infection in the United States. The Journal of Arthroplasty. 27(8):61-5, 2012

<sup>2.</sup> Bonanzinga, T., et al. Periprosthetic knee infection: two stage revision surgery. Acta Biomed. 2017 Oct 18;88(4S):114-119.

<sup>3.</sup> Kasch, R., et al. Comparative Analysis of Direct Hospital Care Costs between Aseptic and Two-Stage Septic Knee Revision. 2017 PLoS ONE 12(1).