

InterSpace[®]

From Infection
to Correction

InterSpace®

InterSpace® Hip, Knee and Shoulder are the first pre-formed temporary spacers with gentamicin for use in a two-stage septic revision arthroplasty. InterSpace not only offers you speed and time saved in the OR,¹ it reduces hospitalization and allows for an early transition to rehabilitation and physical therapy.²⁻⁴ Its design maintains joint space, enables patient mobility with partial weight-bearing,^{1,5,6*} and facilitates definitive re-implant surgery.

ADVANTAGES

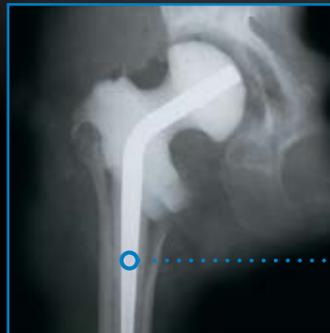
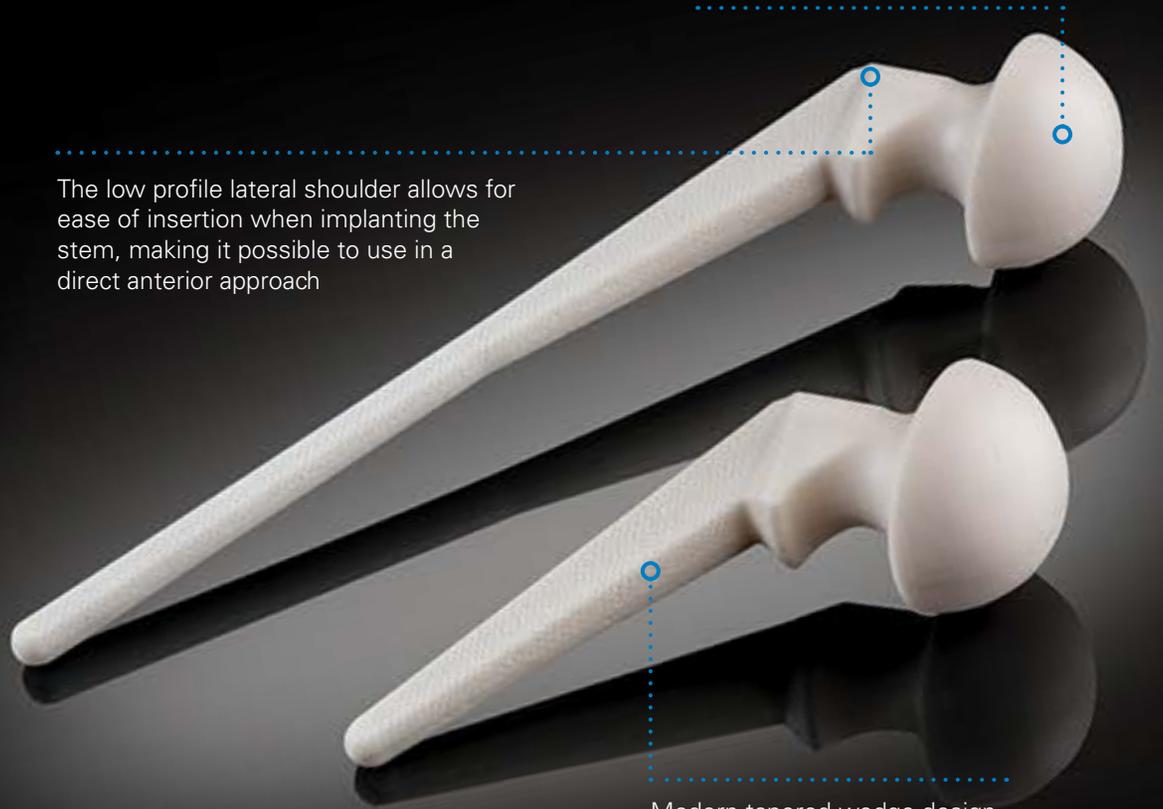
- Proven high release formulation and design yields predictable and consistent local antimicrobial activity compared to other treatment options^{1,7,8}
- Improves quality of life between procedures⁶
- Stabilizes or tensions the soft tissues and reduces bone loss between stages, potentially facilitating easier re-implantation during a second-stage procedure^{2,4,6}
- Demonstrates functional success rates equivalent to non-infected revisions⁹
- The textured finish increases its surface area, which allows for greater antibiotic release.⁸

HIP

Three head sizes (46, 54 and 60mm) available in short and long stems (6 sizes)

The low profile lateral shoulder allows for ease of insertion when implanting the stem, making it possible to use in a direct anterior approach

Modern tapered wedge design that helps to more conservatively address a narrow femoral cavity



Reinforced with a stainless steel core

KNEE

Following previous implant removal and debridement, the femoral component articulates on the tibial component, which has a flat base



Resembles an ultra-congruent condylar knee prosthesis, consisting of three independent elements

Four matched femurs and tibias that optimize articulation complemented by the addition of 4 augmented tibial stems (ATS), offering 12 possible implant combinations

The ATS stem is complemented by fins and is available in 7 and 12mm thicknesses and are designed to augment the tibia without sacrificing stem length

SHOULDER

The design mimics a hemi-shoulder prosthesis



Reinforced with a stainless steel core

Available in 41 and 46mm head sizes



Clinical Data

InterSpace® shows its reliability, efficiency and effectiveness in patients with joint sepsis with global compilation of clinical evidence from more than 24 peer-reviewed papers from 22 different sites.¹⁰

 **1,024**
Cases reported

 **24**
Peer-reviewed papers
at 22 different sites

 **57.6**
Months average
follow-up¹⁰

 **93.3%**
Eradication rate at
latest follow-up

STUDY CRITERIA AND OUTCOMES

This data represents the systematic review of globally accumulated literature demonstrating positive clinical evidence for the routine use of InterSpace.

In the latest review, conducted in September 2020, the findings from new publications with at least 10 patients included left **24** papers for a total of **1,024** spacers implanted at **22** centers. Of this collection, only **57** patients (**5.6** percent) had a persistent infection that required a spacer exchange or resection arthroplasty; nine hundred and sixty-two (**962**) patients underwent the second-stage procedure; and of the **962**, only **64** patients (**6.7** percent) had an infection at the mean follow-up of **57.6** months.¹⁰

The review excluded case reports, clinical series with less than 10 patients, duplicate studies, and series with a mean follow-up of less than 24 months.

InterSep® CALCIUM SULFATE



Continuing our goal to provide infection-related solutions, Exactech introduces InterSep – a 100 percent synthetic calcium sulfate bone void filler engineered to fully resorb and replace bone during the healing process. InterSep may be used in an infected bone site and provides surgeon flexibility with its bead and paste options.

ADVANTAGES

- May be used in an infected site
- Provides case-by-case flexibility by offering various bead sizes (3mm, 4.5mm and 6mm) and a paste option
- Bone graft substitute that resorbs and is replaced with bone during the healing process
- No impurities, pure synthetic material
- Biodegradable and biocompatible
- Easy to mix and deliver
- Fast setting time
- Radiopaque

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9. **Romanò CL, et al.** Septic versus aseptic hip revision: how different? *J Orthop Traumatol.* 2010;11(3):167-174. doi:10.1007/s10195-010-0106-y
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**Partial weight bearing must be assessed on an individual basis with relation to the anatomic condition of the local bone, bone quality and clinical conditions of the patient during rehabilitation stages. Care must be taken to minimize the risk of damaging bone tissue and the implant through excessive weight bearing or forced mobilization.*

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Exactech®

GLOBAL HEADQUARTERS
2320 NW 66TH COURT
GAINESVILLE, FL 32653 USA

+1 352.377.1140
+1 800.EXACTECH
+1 352.378.2617
www.exac.com