

Simplex™ P

Bone Cement

Implant with confidence

Excellent registry results around the world⁹

More than 600 published clinical papers

Over 50 years of clinical history

Excellent implant survivorship⁸

> Proven clinical success

Available with Tobramycin antibiotic

Broader spectrum^{1,2} and better elution³⁻⁵ than Gentamicin

> Improved patient safety

> Decreased risk of revision

Dual viscosity and lower porosity

Greater penetration⁶ and superior fatigue strength than HV cements⁷

> Strong cement mantle for excellent implant survivorship

Manufacturing quality

Allows batch mixing

> Predictable working time

> Desirable handling characteristics



Simplex™ P

Trusted

Reliable

Consistent

Experience the stryker® difference

References:

1. Scott CP, Higham PA, Dumbleton JH. Effectiveness of bone cement containing tobramycin. An vitro susceptibility study of 99 organisms found in infected joint arthroplasty. J Bone Joint Surg Br. 1999 May; 81(3):440-443. 2. Sterling GJ, Potter JM, Koerbin G, Crawford S, Crawford R. 2002. The Pharmacokinetics of Simplex Tobramycin Bone Cement. J Bone Joint Surg (Br) 2003; 85-B:646-9. 3. Nelson CL, Griggin FM, Harrison BH, Cooper RE. In vitro elution characteristics of commercially and noncommercially prepared antibiotic PMMA beads. Clin Orthop. 1992 Nov (284): 303-9. 1992 4. Test Reports RD-95-66 and RD-95-59. 5. Murray WR. Use of antibiotic-containing bone cement. Clin Orthop Rel Res 1984 Nov (190):89-95. 6. Rey R, Paiement G, McGann W, et al. A study of intrusion characteristics of low viscosity cement Simplex P and Palacos® cement in a bovine cancellous bone model. Clin Orthop Rel Res. 1987; 215: 272-278. 7. Linden U. Fatigue properties of bone cement: Comparison of Mixing Techniques. Acta Orthop Scand. 1989;60(4): 431-433. 8. Havelin LI, Espenhaug B, Vollset Se, Engesaeter LB. The effect of the type of cement on the early revision of Charnley total hip prostheses. J Bone J Surg. 1995; 1543-1550. 9. Australian Orthopaedic Association: National Joint Replacement Registry; New Zealand Orthopaedic Association: The New Zealand Joint Registry; Norwegian Nasjonalt Register for Leddproteser: The Norwegian Arthroplasty, Cruciate Ligament and Hip Fracture Registers; National Joint Registry for England and Wales

A healthcare professional must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. The information presented is intended to demonstrate the breadth of Stryker product offerings. A healthcare professional must always refer to the package insert, product label and/or instructions for use before using any Stryker product.