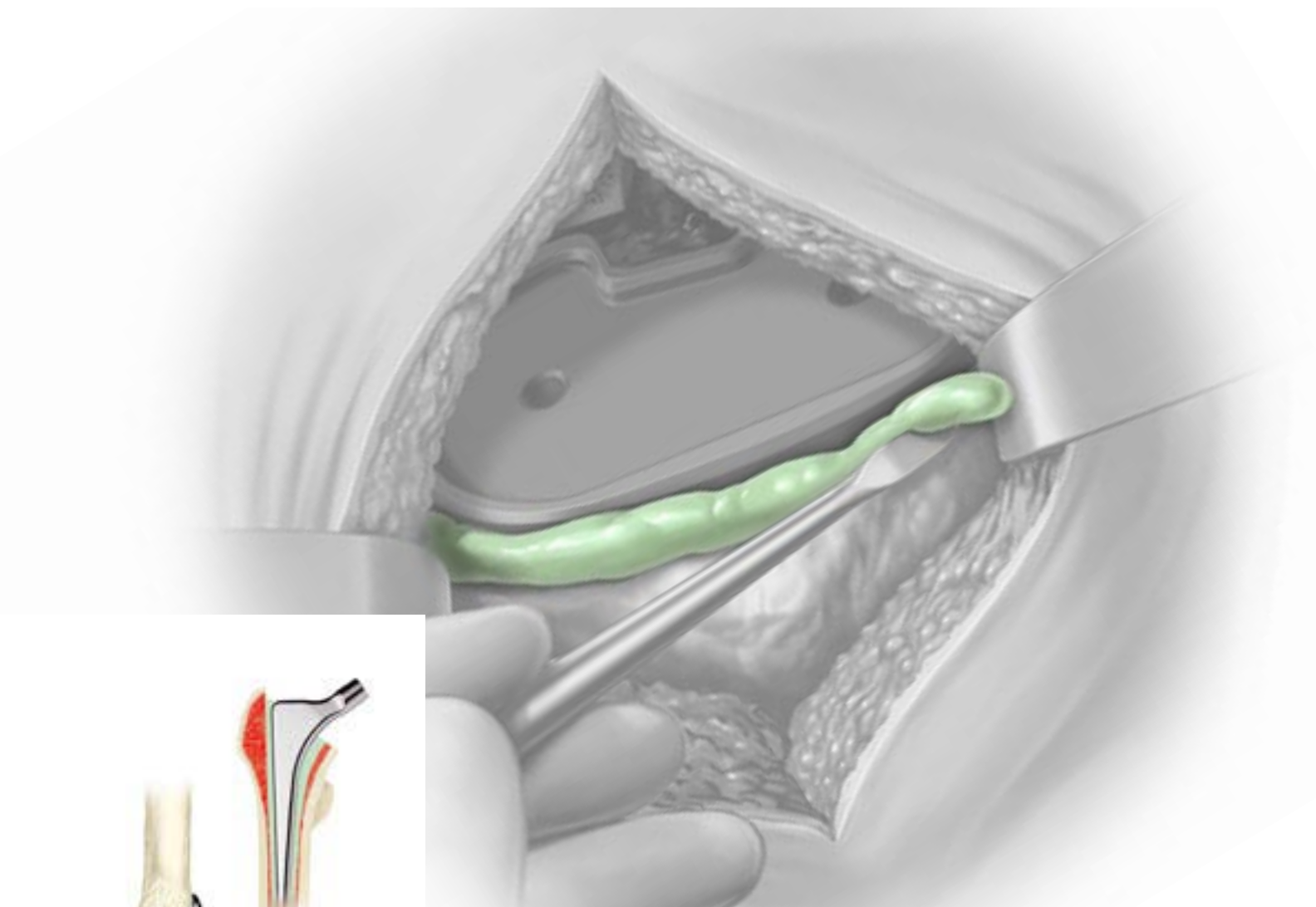




Palacos® Bone Cement



Cementing confidence

Cementing CONFIDENCE

Zimmer, a leader in orthopaedics, is cementing confidence throughout the industry with *Palacos*[®] Bone Cement. With more than 30 years of proven clinical success, *Palacos* cement stands apart from other bone cements. First, there's its unique color – green – which lends greater visibility. Available with the addition of Gentamicin, *Palacos* R+G provides consistent antibiotic distribution and reduced revision risk! Its ideal handling characteristics, high viscosity and quick dough time, make it easy to use for orthopaedic replacement procedures. This makes *Palacos* cement ideal for minimally invasive surgery.





Palacos BONE CEMENT

The ideal choice for orthopaedics.

Long history of clinical success

Excellent fatigue strength

High visualization

Superb handling characteristics

Ideal for minimally invasive surgery

Superior antibiotic release characteristics (*Palacos R+G*)

Clinically proven antibiotic with broad spectrum of kill (*Palacos R+G*)

Palacos Bone Cement Options

Palacos R+G maintains the same clinically successful formula as Palacos R with the addition of Gentamicin.



Palacos BONE CEMENT

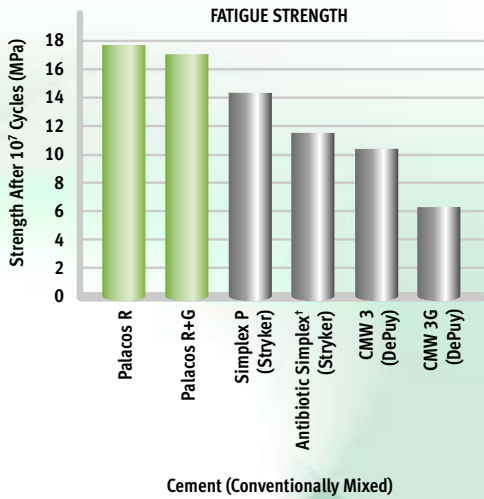
Looks that stand out.

The green color of *Palacos* Bone Cement provides a clear contrast to bone and tissue for greater visibility. Surgeons have a reduced wait for *Palacos* cement to “dough-up”, providing them with a long working time. And, compared to manually mixing the cement with an antibiotic, *Palacos* R+G provides clinically proven antibiotic protection with a more consistent mixture.



High Visualization

Palacos cement's green color provides improved visualization of the cement in comparison to bone. Palacos cement also offers excellent post-operative visualization on x-ray.

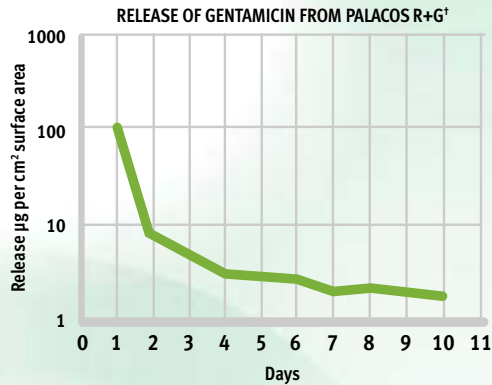
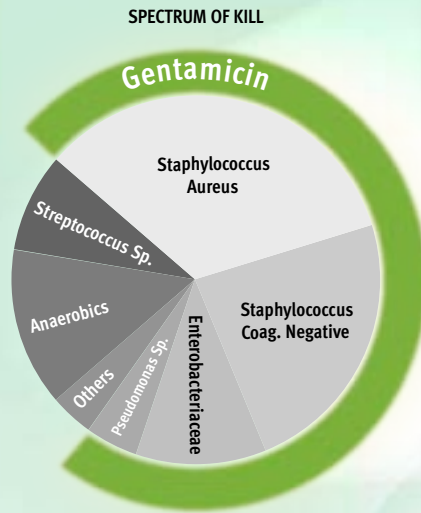


Excellent Fatigue Strength

Palacos R and Palacos R+G demonstrate excellent fatigue strength compared to other commercially available cements?

Broad Spectrum of Kill

Palacos R+G contains Gentamicin which has a broad spectrum covering gram-positive and gram-negative bacteria? As a pre-mixed formulation, Palacos R+G provides a homogenous cement/antibiotic mixture and saves valuable OR time.

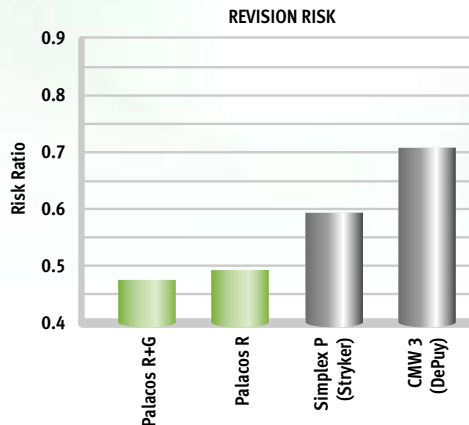


Superior Release Characteristics

Studies show that the release characteristics of Palacos R are superior to other bone cements. Palacos R+G provides high local concentration of Gentamicin extending over several days. Even with a comparatively low 0.5 grams of Gentamicin, Palacos R+G releases more antibiotic than other cements containing one gram of antibiotic.⁴

Long Clinical History

Compared to other bone cements, Palacos cement stands the test of time with a clinical history of low revision risk!



Ordering Information

Bone Cement	Quantity	Prod. No.
Palacos R	1x40 (single dose)	00-1112-140-01
Palacos R+G	1x40 (single dose)	00-1113-140-01

- 1 Malchau H, Herberts P, Söderman P, Odén, A. Prognosis of total hip replacement: Update and Validation of Results from the Swedish National Hip Arthroplasty Register 1979-1998. Scientific exhibition presented at the 67th Annual Meeting of the American Academy of Orthopaedic Surgeons; March 15-19, 2000; Orlando, USA.
- 2 Kühn K.D., *Bone Cements*. Berlin, Germany. Springer-Verlag 2000.
- 3 Foerster, G.v., Buchholz, H. W., Heinert, K.: Die infizierte Hüftendoprothese- Spätinfektion nach der 6. postoperativen Woche. In: Cotta, H., Braun, A. (Hrsg.), 124-135, 1988.
- 4 Wahlig, H.: Über die Freisetzungskinetik von Antibiotika aus Knochenzementen – Ergebnisse vergleichender Untersuchungen in vitro und in vivo. In: Willert, H.-G., Buchhorn, G (Hrsg.), Aktuelle Probleme in der Chirurgie und Orthopädie, Band 31, Knochenzement, 221-226 (1987).

† Data on file (Heraeus Kulzer GmbH)

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