

PALACOS[®] pro

ALL-IN-ONE FIXATION SYSTEM™

Your single-SKU solution to going all-in for your staff, patients, and surgeons.

All-In on **Safety.**

All-In on **Efficacy.**

All-in on **Ease of Use.**



PALACOS[®] pro

THE NEXT EVOLUTION IN CEMENT MIXING.

The most used bone cement in Australia¹ and the United Kingdom;² PALACOS[®] products have been used in over 30 million³ procedures over the past 60 years, and are known for their exceptional survivorship.⁴⁻⁶ PALACOS[®] cements are designed to be mixed within cartridge vacuum mixing systems for optimal cement strength and durability. In a direct comparison, hand mixing has been shown to reduce the cycles to failure for PALACOS[®] cement by up to 43%.⁷

25% lower risk of revision for THA
than other bone cements in the NJR
when cemented with PALACOS[®] R+G*.^{6**}

>50% decrease in revision risk in THR
when cemented with PALACOS[®] MV+G*
vs. Simplex[®] P+T and Smartset[®] GHV.⁸

8% better risk-adjusted survivorship
in TKA when cemented with
PALACOS[®] R+G* than all other
bone cements in the NJR.⁹

61% decrease in 1 year infection rates for TKA
when cemented with PALACOS[®] R+G*
vs. plain cements¹⁰

3x fewer revisions for early aseptic loosening
in TKA when cemented with PALACOS[®] R
vs. Cobalt[®] HV and Simplex[®] HV.¹¹

*PALACOS R+G and MV+G are indicated for use in the second stage of a two-stage revision for total joint arthroplasty after the initial infection has been cleared.

**Other bone cements in the NJR include Simplex[®], CMW[®], and Refobacin[®].



MEET YOUR ANSWER TO “WHAT IF?”

In 2018, the International Consensus Meeting on Musculoskeletal Infection agreed with overwhelming majority (97%) that there is a high risk of unsterilized particles contaminating the surgical field¹². The new PALACOS® pro All-In-One-Fixation-System™ has been developed to give surgeons and staff peace of mind - with enhanced safety features, integrated education, and multiple sizes and viscosities for utmost flexibility. When combined with our innovative, single-use, pre-sterilized PALAGUN®, PALACOS® pro offers the answer to every OR's “*what if?*”

INCREASED SIMPLICITY

- All accessories are included in a single stocking unit to simplify ordering and lower vendor costs.
- All-In-One mixing and application system reduces risk of back-table contamination and minimizes risk of human error during the mixing process.

ENHANCED SAFETY

- Sealed ampoules and an activated charcoal filter limit MMA fumes.
- Double filtration system captures glass particles.
- Closed system prevents bacteria or particulate contaminants from entering the cement during mixing.
- Enclosed ampoules minimize glass cuts and glove punctures.

INTEGRATED EDUCATION

- Intuitive color-coding guides users throughout mixing.
- Pictogram operating instructions are printed on both the mixing device and Tyvek® packaging.
- Clear inspection window beneath the plunger provides easy monitoring of monomer transfer.

UTMOST FLEXIBILITY

- Available in four variants (R, R+G*, MV, and MV+G*), and two sizes (40 and 80) for utmost flexibility during surgery.
- Able to be mixed with or without vacuum.



HOW DOES YOUR MIXING SYSTEM COMPARE?

	PALACOS® pro All-In-One Fixation System™	Stryker™ Revolution®	Smartmix™ CemVac® prefilled	DJO Surgical® Optivac®	Stryker™ ACM®	Open Bowl
Mixing with Vacuum	✓	✓	✓	✓	✓	
Mixing without Vacuum	✓	✓		✓		✓
Double Filtration Prevents Glass Contamination	✓					
Completely Closed System Minimizes MMA Fumes	✓					
Color-Coded Steps Enable Easy Handling	✓					
Prefilled Cement Liquid & Powder	✓		✓			
Multiple Viscosities & Sizes	✓	✓		✓	✓	✓

All product data obtained from respective competitor websites and IFUs as of December, 2020.

THE NEXT EVOLUTION IN CEMENT MIXING.

All-In-One-Fixation-Systems™	Description	Content	REF
PALACOS® R pro	High-viscosity bone cement in a self-contained mixing and delivery system for use with or without vacuum	1 x 40 1 x 80	5081286 5081287
PALACOS® R+G* pro	High-viscosity bone cement containing gentamicin in a self-contained mixing and delivery system for use with or without vacuum	1 x 40 1 x 80	5081288 5081289
PALACOS® MV pro	Medium-viscosity bone cement in a self-contained mixing and delivery system for use with or without vacuum	1 x 40 1 x 80	5150633 5150635
PALACOS® MV+G* pro	Medium-viscosity bone cement containing gentamicin in a self-contained mixing and delivery system for use with or without vacuum	1 x 40 1 x 80	5081290 5081291
PALACOS® pro medium nozzle	Single-use, flexible, conical nozzle	10 units	66054436

Delivery Systems	Description	Content	REF
PALAMIX® Cement Gun	Reusable cement application gun	1 unit	66036163
PALAGUN® Cement Gun	Sterile, single-use cement application gun	1 unit	5082371

For more information, visit www.heraeus-medical-usa.com or call 1.833.PALACOS.

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We thank the patients and staff of all the hospitals in England, Wales, Northern Ireland and the Isle of Man who have contributed data to the National Joint Registry. We are grateful to the Healthcare Quality Improvement Partnership (HQIP), the NJR Steering Committee and staff at the NJR Centre for facilitating this work. The views expressed represent those of Heraeus Medical GmbH and do not necessarily reflect those of the NJR Steering Committee or the Healthcare Quality Improvement Partnership (HQIP) who do not vouch for how the information is presented.