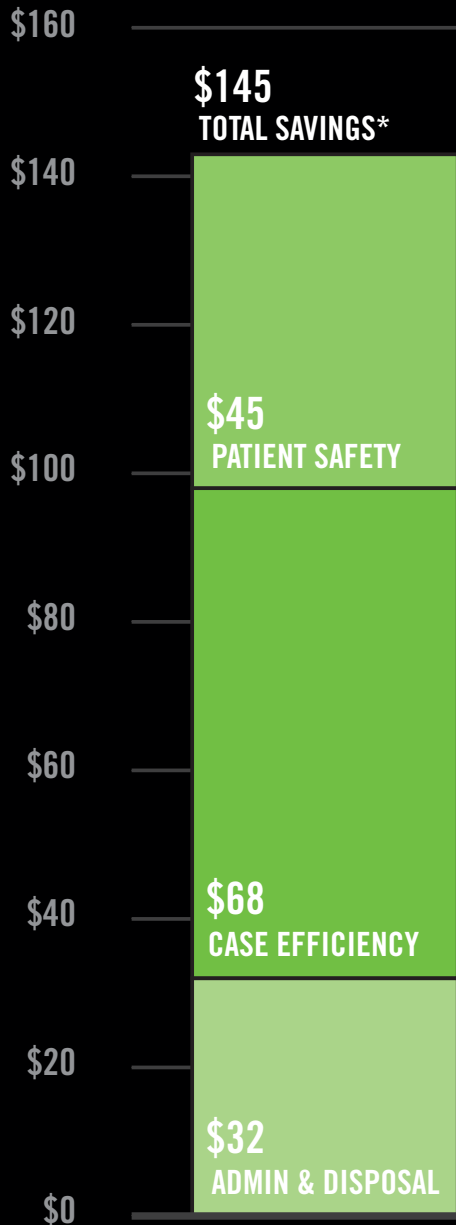


# WHAT IF YOUR BONE CEMENT SYSTEM COULD SAVE YOU MONEY? SEE HOW YOU CAN SAVE \$145 PER CASE WITH PALACOS® PRO.



### Meet The All-In-One Fixation System™:

Our All-In-One design provides savings across every stage of your joint replacement through lower O.R. waste, lesser risk of staff safety incidents, and direct reduction of patient infection risks.

### Safety. Simplicity. Ease-of-Use.

In 25% of TJR cases, a member of the scrub team will have contaminated gloves during cementing.<sup>1</sup>

Designed to limit cement contamination, PALACOS® pro's pre-loaded and fully enclosed mixing system enables preparation and delivery of bone cement without staff or surgeon touching the cement. This limits the risk of contamination from both PJI-causing pathogens and interface-weakening synovial fluids.<sup>1-3</sup>

### Increase the Value of Your O.R. Time.

Cartridge mixing devices like the All-In-One PALACOS® pro have been shown to shorten mixing times in comparison to both open bowl and 3rd generation mixing systems.<sup>4-5</sup>

With each minute of OR time adding to your procedural costs, what could you be doing with that time - and money?

### One Box. One SKU. All Your Cementing Needs.

Each SKU you order increases your costs. PALACOS® pro's All-In-One packaging condenses at least four SKUs into one easy to order unit and includes all the hip and knee accessories you need at no extra cost.

At the same time, smaller packaging means that waste costs are reduced, saving your facility even further.<sup>6</sup>

For more information, visit [www.heraeus-medical-usa.com](http://www.heraeus-medical-usa.com) or call 1.833.PALACOS.

\*Calculated vs. an open bowl cement user – to discuss savings when using a 3rd generation mixing system, please consult your sales representative.

## PALACOS® PRO BY THE NUMBERS:

**01**

**All-In-One Fixation System™:**  
Self-contained, the PALACOS® pro fixation system is everything you need for your TJA cementing procedure in one convenient, prepacked, instrument-tray package.

**One order and it's all there – cement, system and accessories.**

**21**

**Easy To Use, Easy To Teach:**  
Clearly displayed pictogram handling steps help staff produce consistent, high quality cement every time.

German-engineered for efficiency, this is a **21% decrease in mixing and prep steps** compared to 3rd generation mixing systems.<sup>7</sup>

**29**

**Time Is Money...**  
At 70°F (21°C), the time difference between PALACOS® R+G pro and Simplex® with Tobramycin cements is an astounding **29% decrease from mixing to hardening**.<sup>8,9</sup>

**42**

**...Start Spending Less**  
From start of mixing to cement extrusion, the PALACOS® pro 80 All-In-One Fixation System™ is **42% faster than mixing with a 3rd generation mixing system**.<sup>7</sup>

**References:**

1. Beldame J, et al. Surgical glove bacterial contamination and perforation during total hip arthroplasty implantation: when gloves should be changed. *Orthop & Traumatol* 2012; 98: 432 - 40.
2. Jonsson EO, et al. Bacterial contamination of the wound during primary total hip and knee replacement. *Acta Orthop* 2014; 85(2): 159-64.
3. Luzzi AJ, et al. The 'Bundle Busters': incidence and costs of post-acute complications following total joint arthroplasty. *J Arthroplasty* 2018; 33 (9): 2734 - 9.
4. Childers CP, Maggard-Gibbons M. Cost of Operating Room Time: An Analysis of California Hospital Financial Statements. *Academic Surgical Conference*.
5. Sodhi N, et al. Does a simple syringe applicator enhance bone cement set up time in knee arthroplasty? *Ann Transl Med* 2017; 5 (Suppl 3): S25
6. Lawrie CM, et al. The cost of implanting a cemented versus cementless total knee arthroplasty. *Bone Joint J* 2019; 101-B (7 Suppl C): 61 - 63.
7. Internal data on file.
8. IFU PALACOS pro R+G
9. IFU Simplex P with Tobramycin



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