

# COPAL® G+V

## ADDED PROTECTION FOR INFECTION MANAGEMENT

COPAL® G+V (gentamicin and vancomycin) is a PMMA bone cement intended for fixation of COPAL® exchange G hip spacer to the host bone.

COPAL® G+V is a high-viscosity bone cement providing high local concentrations of gentamicin and vancomycin with a low systemic burden.<sup>1</sup>

The broad spectrum of locally eluted antibiotics supports the effective eradication of most PJI related pathogens and MRSA/MRSE.<sup>2-4</sup>

COPAL® G+V bone cement shows higher cumulative antibiotic elution of vancomycin (in vitro) over period of 42 days compared to Spectrum® GV bone cement (OsteoRemedies).

## INCREASED ANTIBIOTIC ELUTION

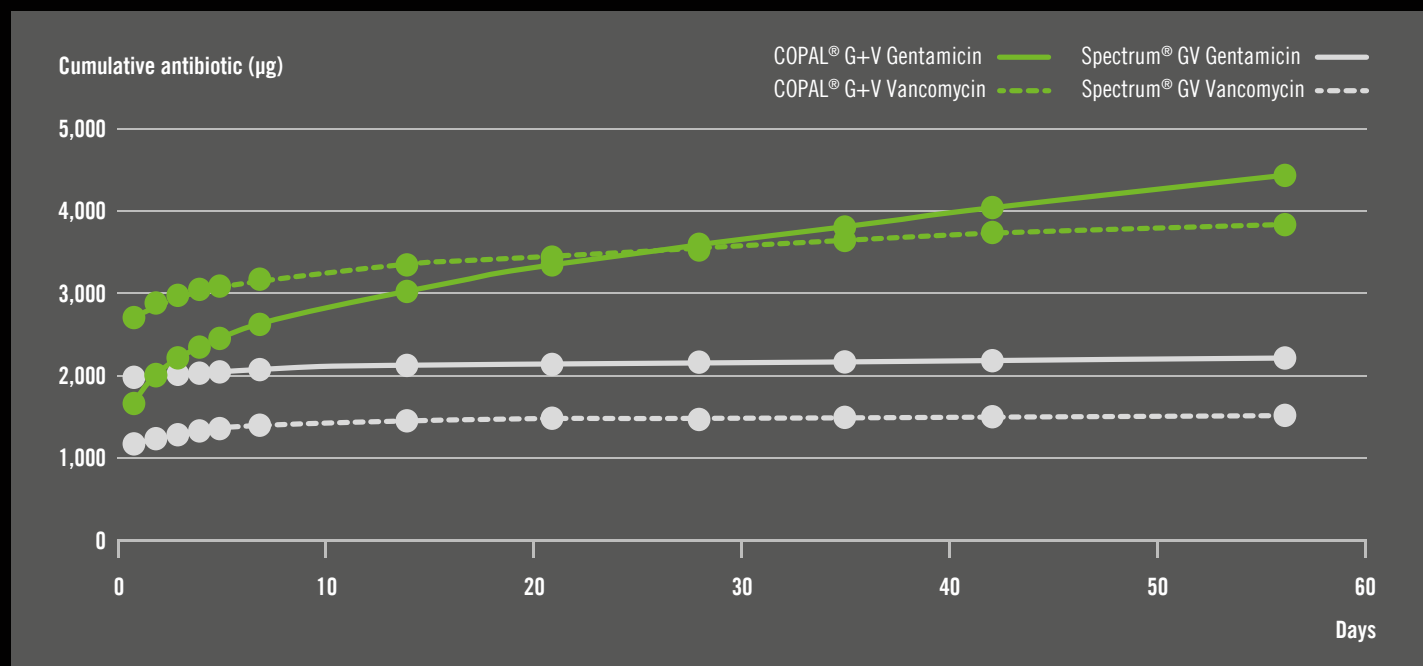
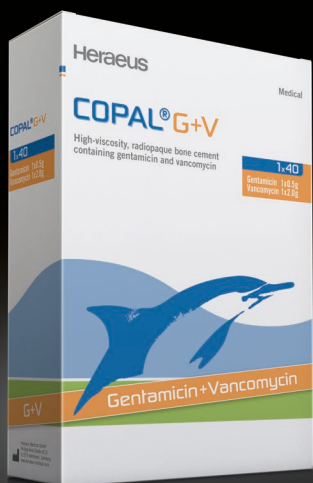


Figure: Cumulative gentamicin and vancomycin release (µg/Specimen)

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## SUPPORTING PJI TREATMENT



### ADVANTAGES AT A GLANCE

- High-viscosity bone cement with gentamicin and vancomycin
- Reliable and reproducible working properties
- Broad spectrum of activity supporting PJI treatment
- Effective against most PJI related pathogens and MRSA/MRSE
- High local antibiotic elution with low systemic load

PRODUCT	DESCRIPTION	CONTENT	REF
COPAL® G+V	High-viscosity bone cement with gentamicin and vancomycin	1x40	5184267

Simply order from Heraeus.

1. Kendoff DO et al. Bioavailability of gentamicin and vancomycin released from an antibiotic containing bone cement in patients undergoing a septic one-stage total hip arthroplasty (THA) revision: a monocentric open clinical trial. Hip Int. 2016. | 2. EMA Assessment Report Vancomycin: EMA/645288/2017. | 3. Brodt, HR. Antibiotika-Therapie: Klinik und Praxis der antiinfektiösen Behandlung. Stuttgart: Schattauer Verlag, 2012. | 4. Cara A et al. Antibiotics in Bone Cements Used for Prosthesis Fixation: An Efficient Way to Prevent Staphylococcus aureus and Staphylococcus epidermidis Prosthetic Joint Infection. Front. Med. 2021. Figure: Data on File, Heraeus Medical (2024).

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

