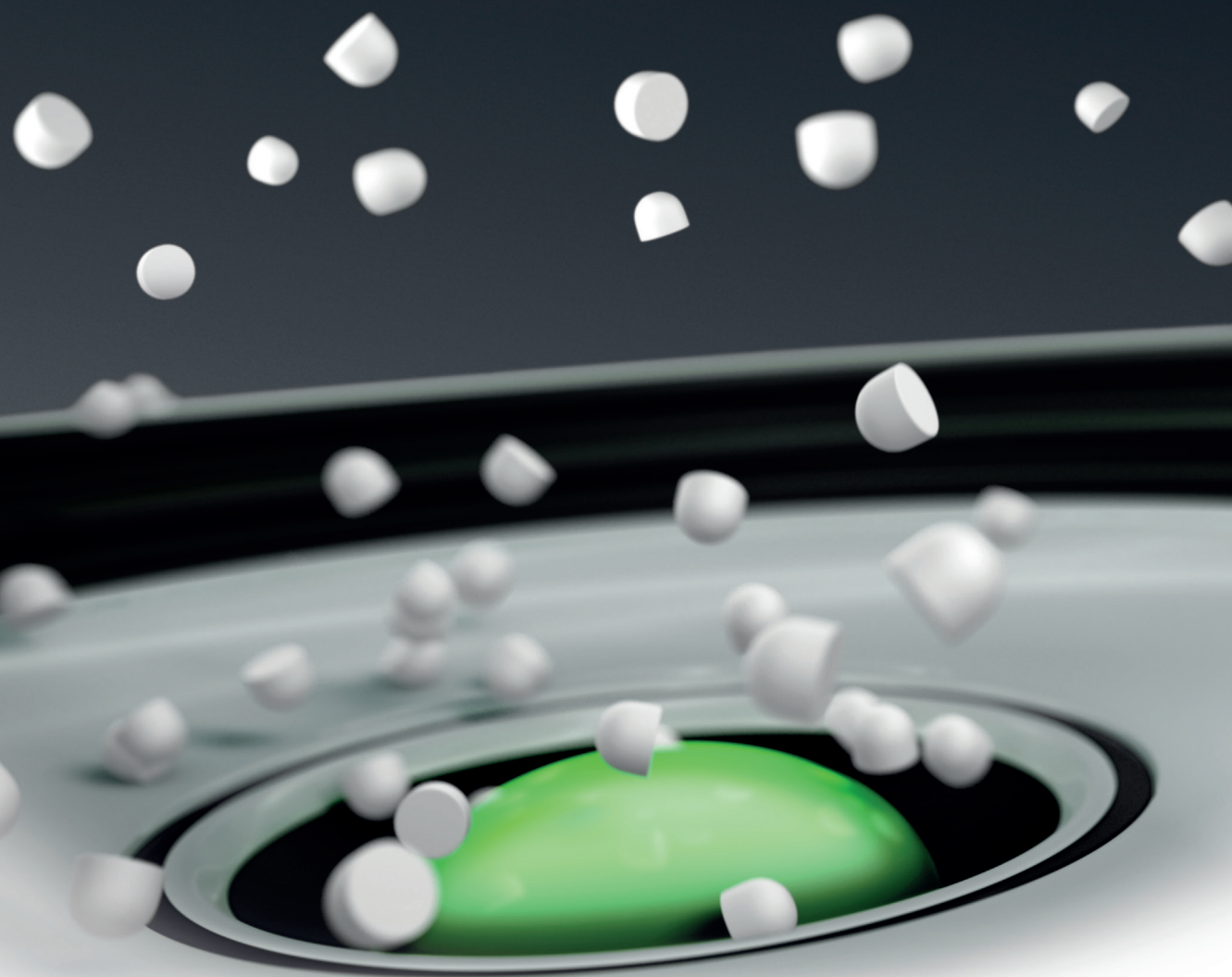


STIMULAN[®]

POWER TO TRANSFORM OUTCOMES[™]

Introducing **STIMULAN**
to Podiatrists and Tissue Viability Specialists



STIMULAN®

Perfect partner for your infection management strategy

STIMULAN is a truly absorbable, calcium sulfate antibiotic carrier – specifically designed to support the proactive management of infected sites with unrivalled flexibility and the broadest application.¹

- ✓ the only calcium matrix approved for use in bone and soft tissue
- ✓ approved for mixing with vancomycin, gentamicin and tobramycin*
- ✓ can be placed directly into infected and non-infected sites



Bring the challenge of infection under your control

Diabetic foot osteomyelitis and diabetic foot ulcers can be challenging to heal. Placing antibiotics directly into these cases with STIMULAN effectively and comprehensively targets a broad spectrum of infection risks – at concentrations unachievable with systemic administration.^{2,3}



Diabetic foot osteomyelitis



Diabetic foot ulcer

*Antibiotics are not supplied with product.

Truly absorbable, antibiotic carrier recrystallised for enhanced clinical performance

Only **STIMULAN** undergoes a proprietary DRy26™ recrystallisation method that starts with pharmaceutical-grade reagents and results in its consistent and reliable performance – suitable for carrying antibiotics to infected sites.¹⁻⁷

- ✓ completely absorbs at an optimal rate
- ✓ predictable elution profile
- ✓ proven action against biofilms
- ✓ flexibility to tailor antibiotic to clinical need

Discover the true potential at biocomposites.com

Uniquely engineered for the precision and control you demand every time

With the ability to mix substances according to the specific antimicrobial needs of each infection, **STIMULAN** combines flexibility with the predictability and consistency necessary to ensure sustained antibiotic cover.

Sets in



STIMULAN Rapid Cure 10cc¹
For faster setting times


+ antibiotic

Sets in



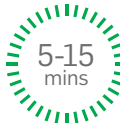
Vancomycin
(1000mg powder)

Sets in



Gentamicin
(240mg in 6ml solution)

Sets in



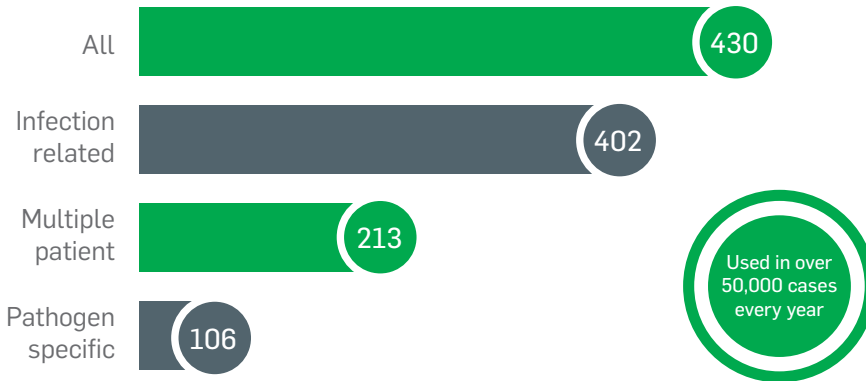
Tobramycin
(240mg in 6ml solution)

STIMULAN®

Unrivalled evidence and expertise brings confidence

With our industry-leading knowledge, dedication and experience, you can be sure that the high level of consistency you demand in your cases will be met.

Peer reviewed papers, presentations and posters to date



Case-by-case flexibility

STIMULAN Rapid Cure includes a wide range of pack sizes which enables you to mix and match to any size of void.

Paste volume	Bead volume	Order code
5cc	12cc	620-005
10cc	25cc	620-010
20cc	50cc	620-020

References: **1.** Biocomposites, STIMULAN Instructions for Use (EU). **2.** Cooper, J.J., et al., Antibiotic stability in a synthetic calcium sulphate carrier for local delivery. Poster presented at European Bone and Joint Infection Society Annual Meeting, Prague, Czech Republic, 2013. **3.** Delury, C., Aiken, S., Thomas, H., et al., Determining the Efficacy of Antibiotic-loaded Calcium Sulfate Beads against Pre-Formed Biofilms: An In Vitro Study. Poster presented at ASM Microbe 2019, 20-24 June 2019, Moscone Center, San Francisco, CA, USA. **4.** Cooper, J.J., Method of producing surgical grade calcium sulphate; Patent. 1999. **5.** Analysis of the Wear Effect 3rd Body Particulate (Bone Cement) has on UHMWPE, Accutest Testing Laboratory, Fairfield OH, K13107732-1, 2014. **6.** Cowie, R.M., et al., The influence of a calcium sulphate bone void filler on the third-body damage and polyethylene wear of total knee arthroplasty. Bone Joint Res, 2019. 8(2): p. 65-72. **7.** Laycock, P., et al., In Vitro Efficacy of Antibiotics Released from Calcium Sulfate Bone Void Filler Beads. Materials, 2018. 11(11): p. 2265.

For indications, contraindications, warnings and precautions see Instructions for Use. Concurrent use of locally administered antibiotics may affect setting time, absorption characteristics and/or bone formation. It is the surgeon/healthcare professional's responsibility to give due consideration to the details in the medicinal product marketing authorization in deciding whether it is appropriate for the patient under his/her care. The relevant Summary of Product Characteristics (SmPC) must be consulted. The type and dose of medicinal substance should also be assessed according to the individual patient's clinical circumstance.

This brochure may include the use of STIMULAN or techniques that go beyond the current clearance/approval granted by the relevant regulatory authority. Please contact your local representative for further information.

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Patents granted: GB2367552, EP 1204599 B1, US 6780391, EP 2594231 B1, US 8883063, CN ZL201210466117.X, GB2496710, EP 3058899 B1, US 10390954, US 10,588,748, CN ZL201610089710.5

Patents pending: GB1502655.2, GB1704688.9, EP 18275044.8, US 15/933936, CN 108619579A