Control and performance at your fingertips

**STIMULAN** is a truly absorbable, calcium sulfate antibiotic carrier - precision engineered to be mixed with antibiotics to treat bacterial infection and proactively manage dead space.¹

✔ The only calcium matrix approved for mixing with antibiotics to treat bacterial infection¹
✔ Approved for mixing with vancomycin, gentamicin and tobramycin¹
✔ No hydroxyapatite, insoluble impurities or PMMA debris
  • Does not cause third body damage²,³
  • Does not prevent use in articulating surfaces²,³
  • Does not act as a nidus for infection⁴,⁹

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¹ **STIMULAN®** is approved by the FDA for use as a bone substitute in initial bone voids, stabilization of bone grafts, and bone defect repair. In addition, STIMULAN® is approved for the treatment of infected bone defects following radical debridement. STIMULAN® is also approved for the treatment of bone defects following initial bone void fill in non-infected bone. STIMULAN® comes in two formulations: a Rapid Cure model and a Standard model. STIMULAN® can be mixed with antibiotics to treat bacterial infections and can be mixed with non-steroidal anti-inflammatory drugs (NSAIDs) to reduce pain. STIMULAN® can also be mixed with other bone substitutes such as bone and bone cement.

² **No third body damage²/comma.sup³**

³ **Physiological compatibility with the body/uni²074/comma.sup/uni2079/comma.sup¹/uni2074**

⁴ **Flexibility to tailor antibiotic to clinical need¹³**

⁵ **Proven action against biofilms¹²**

⁶ **Predictable, supra-therapeutic elution profile¹¹**

⁷ **Completely absorbs at an optimal rate¹**

⁸ **Difference in your cases**

⁹ **STIMULAN®** is a calcium sulfate-based bone substitute that is approved for use in the repair of bone defects and in the treatment of infected bone defects following radical debridement. STIMULAN® is available in two formulations: a Rapid Cure model and a Standard model. STIMULAN® can be mixed with antibiotics to treat bacterial infections and can be mixed with non-steroidal anti-inflammatory drugs (NSAIDs) to reduce pain. STIMULAN® can also be mixed with other bone substitutes such as bone and bone cement.

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**References:**

2. MA0250R2
13. Biocomposites, STIMULAN Instructions for Use.
Consistency is hard earned and uniquely achieved

There is no shortcut to perfection. Which is why we go the extra mile to bring you the exceptional performance characteristics of STIMULAN – all made possible through our proprietary DRy26™ methodology.

Each and every synthesis of STIMULAN undergoes a 26 step process that starts with pharmaceutical-grade precursors and takes over 6 weeks to reach maturity.

Our unique DRy26™ recrystallization method dehydrates then rehydrates to precisely restructure the calcium sulfate. This ensures a uniform starting point from which the material is rebuilt under strictly controlled conditions for the highest level of consistency.

The result is as you would expect from the world’s leading expert in innovative calcium technologies.

Where others stop, we are just getting started
Case-by-case flexibility and success

Every part of STIMULAN has been designed to provide simplicity, intra-operative flexibility and optimum results. A variety of formats are available, all convenient to prepare and fast to set.

Unrivaled 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.

Support as reliable as our outcomes

To ensure that you achieve the consistent results you expect, our comprehensive network of regional calcium sulfate specialists, expert sales representatives and surgeons already using STIMULAN are ready to support your use.
Properties that drive performance

The unique crystal configuration and construction of STIMULAN brings its own set of qualities to fully support your infected cases.

• Easily mixed with liquid and powder antibiotics¹
• Physiological pH
• Controlled purity (no insoluble impurities)
• No hydroxyapatite

See the STIMULAN difference in your cases

✔ Completely absorbs at an optimal rate¹
✔ Predictable, supra-therapeutic elution profile¹¹
✔ Proven action against biofilms¹²
✔ Flexibility to tailor antibiotic to clinical need¹³
✔ Physiological compatibility with the body⁴,⁹,¹⁴
✔ No third body damage²,³
STIMULAN®

When you need it – STIMULAN delivers every time

✔ Approved for mixing with antibiotics to treat bacterial infection¹
✔ Approved for mixing with vancomycin, gentamicin and tobramycin¹
✔ Uniquely engineered through our DRY26™ recrystallization method¹⁰
✔ Optimal absorption profile⁴⁻⁹

✔ No hydroxyapatite, insoluble impurities or PMMA debris⁴⁻⁹
✔ Does not cause third body damage²,³
✔ Does not prevent use in articulating surfaces²,³
✔ Does not act as a nidus for infection⁴⁻⁹

Find out more at biocomposites.com


For indications, contraindications, warnings and precautions see Instructions for Use. The treating physician is responsible for deciding the type and quantity of antibiotic used. Concurrent use of locally administered antibiotics may affect setting time. The mixing of antibiotics with the STIMULAN Kit/STIMULAN Rapid Cure device is considered off-label usage of the medicinal product. To do so is at the professional risk of the surgeon/healthcare professional. 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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