No hydroxyapatite

Easily mixed with liquid and powder antibiotics

STIMULAN brings its own set of qualities to fully support your infected cases. 10

The unique crystal configuration and construction of

Properties that drive performance

Physiological pH

Physiological compatibility with the body

Flexibility to tailor antibiotic to clinical need

Proven action against biofilms

Predictable, supra-therapeutic elution profile

STIMULAN in infection and proactively manage dead space.

Antibiotic carrier - precision engineered to be mixed with antibiotics to treat bacterial

Does not act as a nidus for infection

Does not prevent use in articulating surfaces

No hydroxyapatite, insoluble impurities or PMMA debris

The only calcium matrix approved for mixing with antibiotics to treat bacterial

Tobramycin, vancomycin, gentamicin and

Biocomposites.com Find out more at

References:

1. Biocomposites, STIMULAN Instructions for Use.


11. Lei, D., Ma, Z., Jing, X., Treatment of bone defect with injectable calcium sulfate powder in distal fractures of radius.


13. Francisco, CA, USA.

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
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

STIMULAN starts with pharmaceutical grade precursors

Dehydrated to a foundational dry phase

Uniform starting point created to eliminate inconsistency

Proprietary treatment to form unique properties

Pure phase with highly controlled structure

STIMULAN
The highest level of consistency and performance

Competitor calcium sulfates
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.

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.

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.

Peer reviewed papers, presentations and posters to date

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Beads

- 3 mm
- 4.8 mm
- 6 mm

Bullets

- 7 mm
- 9 mm

Paste
Properties that drive performance

The unique crystal configuration and construction of STIMULAN brings its own set of qualities to fully support your infected cases.\(^{10}\)

- Easily mixed with liquid and powder antibiotics\(^1\)
- Controlled purity (no insoluble impurities)
- No hydroxyapatite

See the STIMULAN difference in your cases

- Completely absorbs at an optimal rate\(^1\)
- Predictable, supra-therapeutic elution profile\(^{11}\)
- Proven action against biofilms\(^{12}\)
- Flexibility to tailor antibiotic to clinical need\(^{13}\)
- Physiological compatibility with the body\(^{4,9,14}\)
- No third body damage\(^{2,3}\)
When you need it – STIMULAN delivers every time

- Approved for mixing with antibiotics to treat bacterial infection
- Approved for mixing with vancomycin, gentamicin and tobramycin
- Uniquely engineered through our DRy26™ recrystallization method
- Optimal absorption profile
- No hydroxyapatite, insoluble impurities or PMMA debris
- Does not act as a nidus for infection
- Does not cause third body damage
- Does not prevent use in articulating surfaces
- Proven action against biofilms

Find out more at biocomposites.com

References:
1. Biocomposites, STIMULAN Instructions for Use.
2. Analysis of the Wear Effect 3rd Body Particulate (Bone Cement) has on UHMWPE. Accutek Testing Laboratory, Fairfield OH, K1310773-2-1. 2014.