

STIMULAN®

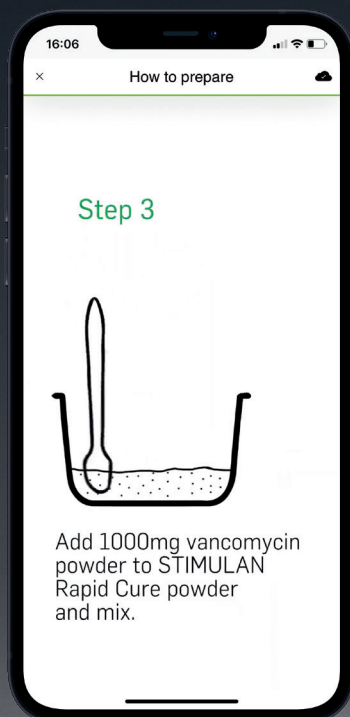
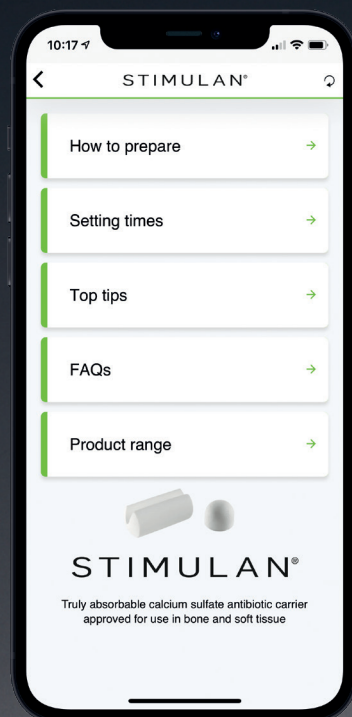
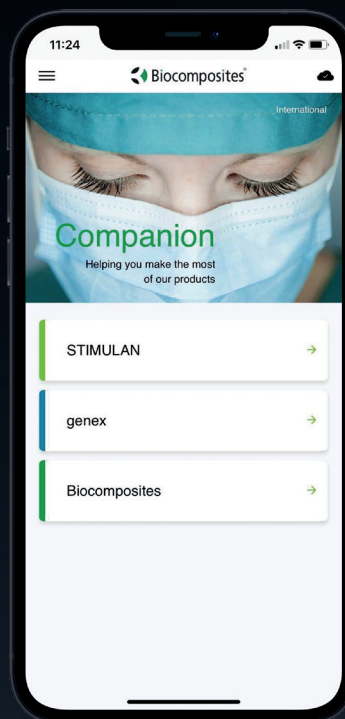
POWER TO TRANSFORM OUTCOMES™

STIMULAN Rapid Cure
Preparation Guide

The Biocomposites Companion

Your essential guide to making the most of **STIMULAN** – all in one straightforward app.

Our accessible app provides all the information you need to meet different clinical demands when using **STIMULAN** with or without antibiotics. From surgeons' tips to how-to videos, this is the expert support tool you need, right at your fingertips.



- ✓ How to prepare: step-by-step videos
- ✓ Setting times: simple overview
- ✓ Top tips: tried and tested advice for surgeons
- ✓ FAQs: common questions answered
- ✓ Product range: what's available

To download your Biocomposites Companion, simply scan the QR code.

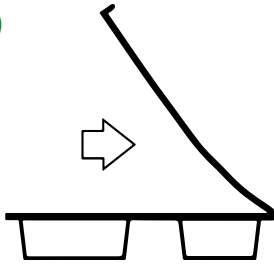


STIMULAN[®]

Bead preparation:

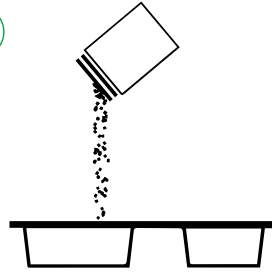
STIMULAN Rapid Cure 10cc

1



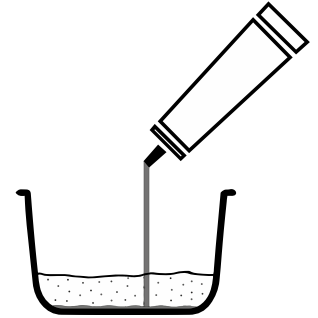
Open pack and remove all components using an aseptic, non-touch technique. Retain inner tray as a mixing bowl

2



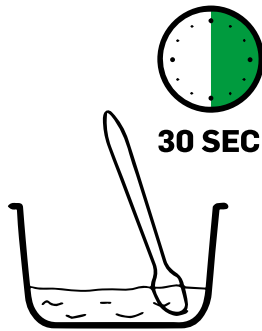
Gently tap the pot, remove the lid and empty the powder into the sterile mixing bowl

3



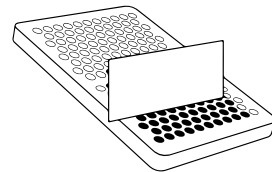
Add pre-measured sterile solution to powder. Start timer

4



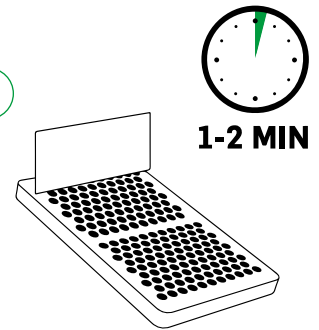
Mix thoroughly until a smooth paste is formed (approx. 30 seconds). Do not over mix

5



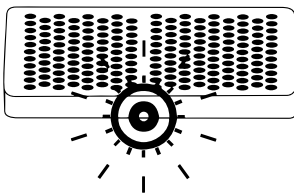
Select size of bead required and use paste applicator to apply uniform layer of paste onto bead mat

6



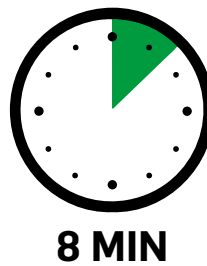
Ensure complete filling of each bead cavity. You have a working time of 1-2 minutes

7



Firmly tap the mat on a hard surface to release any air trapped in the bead cavities

8

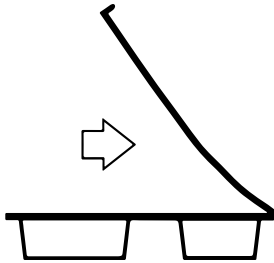


Allow the paste to set undisturbed for at least 8 minutes. Flex the bead mat to release the beads

Bead preparation with powder antibiotic:

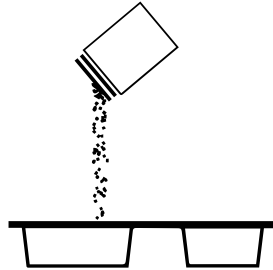
STIMULAN Rapid Cure 10cc mixed with 1000mg vancomycin powder*

1



Open pack and remove all components using an aseptic, non-touch technique. Retain inner tray as a mixing bowl

2



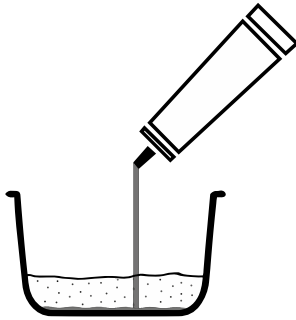
Gently tap the pot, remove the lid and empty the powder into the sterile mixing bowl

3



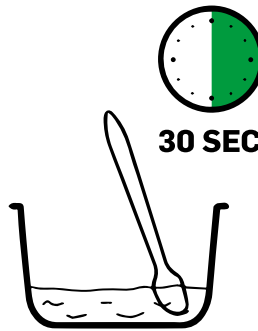
Add 1000mg vancomycin powder to STIMULAN Rapid Cure powder and mix

4



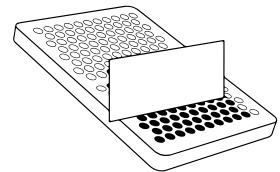
Add pre-measured sterile solution to powder. Start timer

5



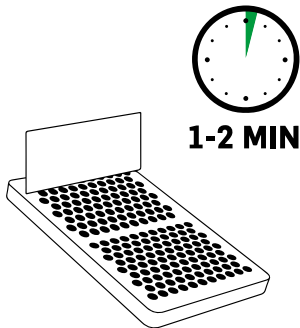
Mix thoroughly until a smooth paste is formed (approx. 30 seconds). Do not over mix

6



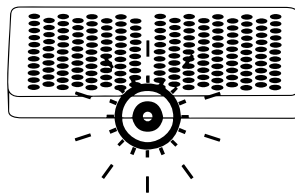
Select size of bead required and use paste applicator to apply uniform layer of paste onto bead mat

7



Ensure complete filling of each bead cavity. You have a working time of 1-2 minutes

8



Firmly tap the mat on a hard surface to release any air trapped in the bead cavities

9



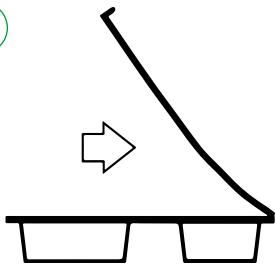
Allow the paste to set undisturbed for at least 8 minutes. Flex the bead mat to release the beads

* If a different pack size is to be used the quantity of antibiotic should be adjusted accordingly

Bead preparation with liquid antibiotic:

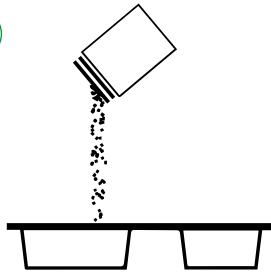
STIMULAN Rapid Cure 10cc mixed with 6ml (240mg) tobramycin liquid*

1



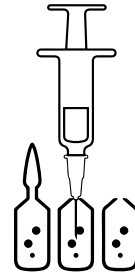
Open pack and remove all components using an aseptic, non-touch technique. Retain inner tray as a mixing bowl

2



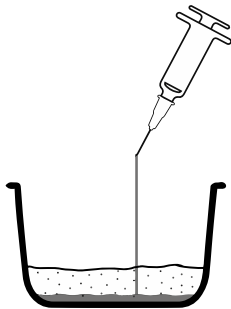
Gently tap the pot, remove the lid and empty the powder into the sterile mixing bowl

3



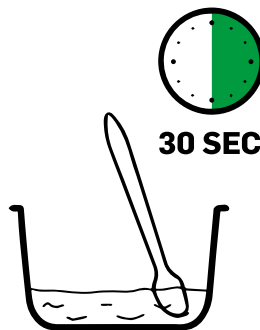
Measure 6ml tobramycin liquid into syringe

4



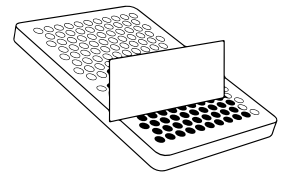
Add 6ml tobramycin liquid to the STIMULAN Rapid Cure powder. Start timer

5



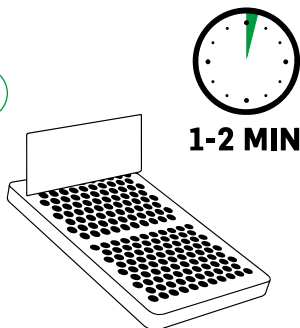
Mix thoroughly until a smooth paste is formed (approx. 30 seconds). Do not over mix

6



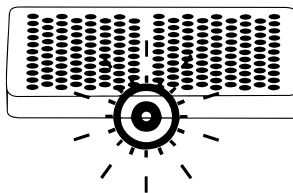
Select size of bead required and use paste applicator to apply uniform layer of paste onto the bead mat

7



Ensure complete filling of each bead cavity. You have a working time of 1-2 minutes

8



Firmly tap the mat on a hard surface to release any air trapped in the bead cavities

9



Allow the paste to set undisturbed for at least 15 minutes. Flex the bead mat to release the beads

Surgeons tips

STIMULAN Beads

- ✓ Prepare STIMULAN beads in advance of preparing the site.
- ✓ Use a timer during preparation.
- ✓ Before implanting the beads check their integrity by compressing a bead between thumb and index finger to confirm it has set.

STIMULAN Bullet Mat and Introducer

- ✓ Prepare STIMULAN bullets in advance of preparing the site.
- ✓ Once you have filled the Bullet Mat, firmly tap it on a hard surface to release any air trapped in the cavities and check there is no excess paste on the top of the mat. This will ensure bullets will fit easily into the Introducer.
- ✓ Use a timer during preparation.
- ✓ Do not flex the Bullet Mat while STIMULAN is curing as this may cause the bullets to break.
- ✓ Before implanting the bullets check their integrity by compressing a bullet between thumb and index finger to confirm it has set.

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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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