

Stimulan[®] Rapid Cure[™]

- Treat infection and manage dead space
- Release high levels of antibiotic locally, without systemic levels¹
- Fully resorbable, 100% of antibiotic released

Stimulan[®] Rapid Cure is approved for mixing with antibiotics for total knee arthroplasty, where infection is present or suspected.

It can be used to treat and prevent infection and for the management of dead space, releasing high levels of antibiotics locally over sustained periods.

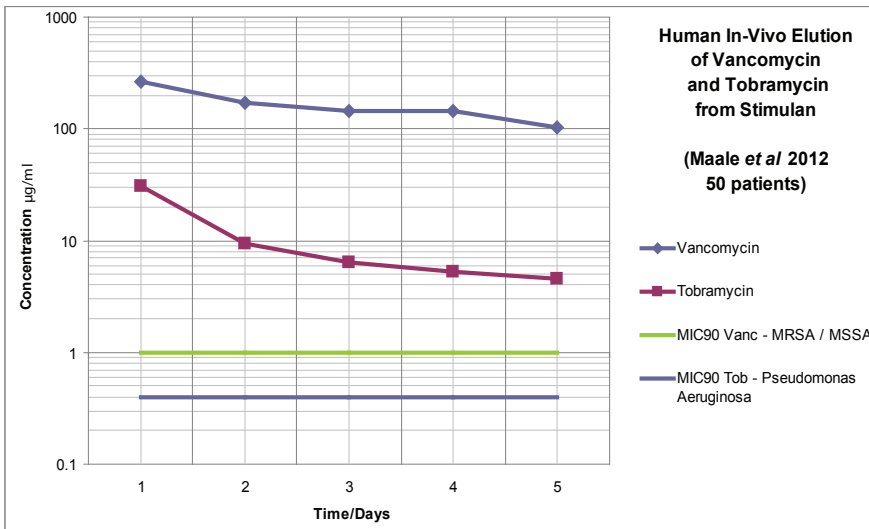
The low thermal setting characteristics reduces the restrictions on which antibiotic or combination of antibiotics can be mixed. Treatment can be tailored to the patient's individual pathology.



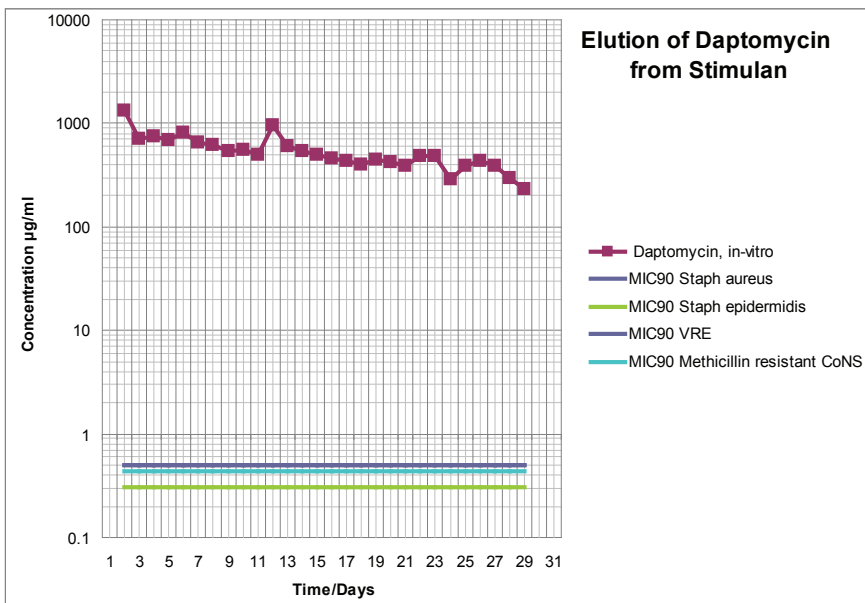
TKA Immediately post-op



TKA 3 months post-op



Ref: Maale et al¹

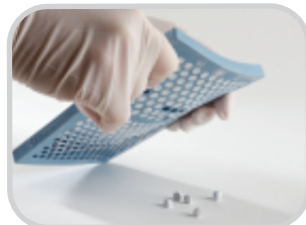


Ref: Kanellakopoulou et al²



Pack Contents Disposable

- Powder • Pre-measured mixing solution
- Mixing bowl • Spatula • Paste applicator
- Pellet mat



To place an order or for more information

INTERNATIONAL

Keele Science Park, Keele, Staffordshire
England. ST5 5NL

Telephone +44(0)1782 338580

Facsimile +44(0)1782 338599

Email info@biocomposites.com

www.biocomposites.com

References:

1. Local elution profiles of a highly purified calcium sulphate pellet at physiologic pH, loaded with Vancomycin and Tobramycin, in the treatment of infected total joints. Maale GE, Eager JJ. Presented at AAOS annual meeting, San Francisco, Feb 2012
2. Treatment of experimental osteomyelitis caused by methicillin-resistant Staphylococcus aureus with a synthetic carrier of calcium sulphate (Stimulan) releasing moxifloxacin. Kanellakopoulou K, et al. Int J Antimicrob Agents. 2009 Apr;33(4):354-9. Epub 2008 Dec 18.
3. In vitro elution of daptomycin by a synthetic crystalline semihydrate form of calcium sulfate, Stimulan. Kanellakopoulou K, et al. Antimicrob Agents Chemother. 2009 Jul;53(7):3106-7. Epub 2009 Apr 27.
4. In vitro elution of moxifloxacin and fusidic acid by a synthetic crystalline semihydrate form of calcium sulphate (Stimulan). Panagopoulos P, Tsaganos T, Plachouras D, Carrer DP, Papadopoulos A, Giamarellou H, Kanellakopoulou K. Int J Antimicrob Agents. 2008 Dec;32(6):485-7. Epub 2008 Sep 13.
5. Effects of antibiotic addition on the setting time of calcium sulphate bone cement. PA Laycock, M Brayford, JJ Cooper, European Cells and Materials Vol. 21. Suppl. 2, 2011 (page 58) ISSN 1473-2262
6. Evaluation of two sources of calcium sulfate for a local drug delivery system: a pilot study. Parker AC, Smith JK, Courtney HS, Haggard WO, Clin Orthop Relat Res. 2011 Nov;469(11):3008-15.

Product	Size	Product Code
Stimulan [®] Rapid Cure	5cc	620-005
	10cc	620-010
	20cc	620-020