

Subiton

POWER TO CEMENT AND SECURE



The Subiton Bone Cement Range

Biocomposites®

Pioneering products for use in bone and soft tissue infection

At Biocomposites, we are proud to be driving improved outcomes across a wide range of clinical applications for patients and surgeons. Our team of specialists, strengthened by the acquisition of Laboratorios SL S.A. (Subiton), is singularly focused on the development of innovative products for surgical use in bone and soft tissue infection.

Specialising in calcium compounds, bone cements and polymer related products. We manufacture all our bone cements in-house using proprietary core polymer production and formulation.

Biocomposites has a proven long-term commitment to India and helping Indian surgeons deliver transformational outcomes for their patients.

65
YEARS

Experience manufacturing medical devices

20
YEARS

Providing Subiton bone cement to surgeons in India

15
YEARS

Local support team based in India

Subiton

Perfect partner for your prosthesis fixation

Subiton bone cements are manufactured in-house under strictly controlled conditions using our proprietary process. Indicated for use in bone cementation and prosthesis fixation, they provide a tight mechanical fit between the irregular bone surface and the prosthesis. The Subiton bone cement range includes gentamicin-loaded cements for revision procedures in patients at high risk of infection due to gentamicin-sensitive bacteria and patients with compromised immunity.^{1,2}

- ✓ High and low viscosities for flexible application and use
- ✓ Gentamicin-loaded options to support cases with high risk of infection
- ✓ Optimum working time and predictable performance
- ✓ Highest standards of quality assurance

Reputation built on results

“I've used Biocomposites' products for many years and I have always been delighted with the quality of their products and the support of their local team in helping me treat my patients.

Dr. Nilen A. Shah, MS Ortho (Mum), MCh Ortho (UK)



Subiton

High performance fixation in infected and non-infected cases

Developed to provide an ideal interface between prosthesis and bone, Subiton bone cements are optimised to provide secure and stable fixation for joint replacement surgery.

High and low viscosities for flexible application and use

Choice of setting times and consistencies to suit individual applications or cases, allowing for high hold with manual placement or deep placement with a syringe or vacuum mixing application system.

Gentamicin-loaded options to support cases with high risk of infection

Available preloaded with gentamicin to support cases in patients with compromised immunity or revision cases in patients with a high risk of infection.

High viscosity cement



Subiton RO

Presentation:

40 g + 20 ml

REF 880000

Specifically designed with high performance mechanical properties to optimise fixation, whilst distributing and buffering the forces between bone and implant.³

- ✓ Manual application
- ✓ Bone cementation and prosthesis fixation
- ✓ Easy-to-use dough with optimum working time
- ✓ High performance mechanical properties



Subiton G – with gentamicin

Presentation:

40 g (containing 500 mg gentamicin) + 20 ml

REF 880200

Bone cement preloaded with gentamicin for when a broad spectrum antibiotic is required.

- ✓ Manual application
- ✓ Indicated for revision procedures and high-risk patients
- ✓ Easy-to-use dough with optimum working time
- ✓ High performance mechanical properties

Optimum working time and predictable performance

Subiton bone cements allow sufficient time to work into position with well characterised ambient temperature-dependent setting profiles.

Highest standards of quality assurance from raw materials to finished product

Committed to the highest international certifications of quality, reliability and efficacy. End-to-end oversight of the design, development and manufacturing processes guarantees the highest quality at every stage.

Low viscosity cement



Subiton GUN

Presentation:

40 g + 20 ml

REF 880320

Enables high bone cement penetration into bone to enhance fixation, whilst distributing and buffering the forces between bone and implant.^{3,4}

- ✓ Syringe or vacuum mixing application system
- ✓ Bone cementation and prosthesis fixation
- ✓ Longer working time than high viscosity
- ✓ High bone cement penetration into bone



Subiton GUN G – with gentamicin

Presentation:

40 g (containing 500 mg gentamicin) + 20 ml

REF 880420

Bone cement preloaded with gentamicin for when a broad spectrum antibiotic is required.

- ✓ Syringe or vacuum mixing application system
- ✓ Indicated for revision procedures and high risk patients
- ✓ Longer working time than high viscosity
- ✓ High bone cement penetration into bone

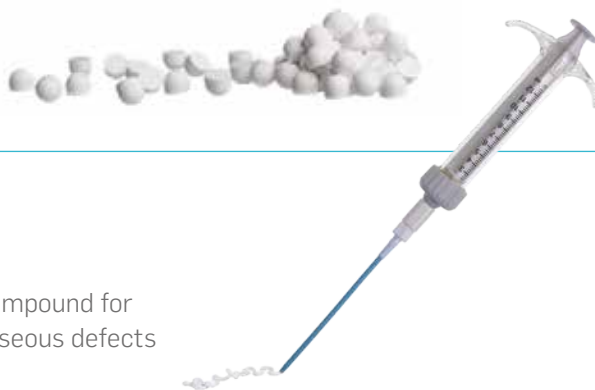
Biocomposites®

Innovation is at the heart of what we do

Our innovative calcium compound and polymer products range from bone grafts to implants that aid in the treatment of infection. Possessing unique characteristics for regenerating bone and managing infected sites, our products are opening new possibilities for surgeons around the world.

STIMULAN®

A truly absorbable calcium matrix for use in infected sites



genex®

An innovative, versatile calcium compound for promoting bone regeneration in osseous defects



Allogran-R®

Highly consistent, polycrystalline and porous calcium phosphate bone substitute for use in trauma and spine



Biosteon®

Osteoconductive calcium phosphate composite interference screws and suture anchors with improved strength retention and bone-bonding potential



Synicem™ spacers

Antibiotic loaded preformed hip, knee and shoulder spacers to maintain space and aid treatment of infection

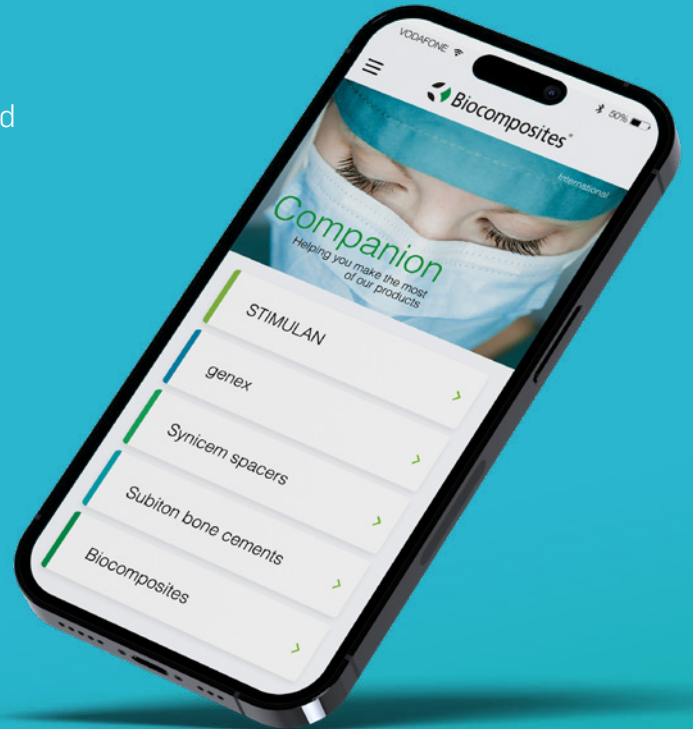


The Biocomposites Companion

Your essential guide to making the most of Subiton bone cements, Synicem spacers and STIMULAN – all in one straightforward app.

- ✓ How to prepare: step-by-step videos
- ✓ 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.



1. Subiton surgical cement with gentamicin. Instructions for Use.
2. Subiton surgical cement. Instructions for Use.
3. Breusch, S., Malchau, H., & Kühn, K. D. (2005). What is Bone Cement? The Well-Cemented Total Hip Arthroplasty: Theory and Practice, 52-59.
4. Mjöberg, B., Rydholm, A., Selvik, G., & Önnarfalt, R. (1987). Low-versus high-viscosity bone cement: Fixation of hip prostheses analyzed by roentgen stereophotogrammetry. Acta Orthopaedica Scandinavica, 58(2), 106-108.

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Patents granted: EP 1390086 B1, US 8632796, CN ZL02809194.9, US 8496955, GB2367552, EP 1204599 B1, US 6780391, EP 1436019 B1, US 8563024, CN ZL02825134.2, 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.

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- ✓ High and low viscosities for flexible application and use
- ✓ Gentamicin-loaded options to support cases with high risk of infection
- ✓ Optimum working time and predictable performance
- ✓ Highest standards of quality assurance



At Biocomposites, we are proud to be driving improved outcomes across a wide range of clinical applications for patients and surgeons. Our acquisition of Laboratorios SL S.A. (Subiton) and Synergie Ingénierie Médicale S.A.R.L. (Synimed) strengthens our portfolio of pioneering products for use in bone and soft tissue infection. Based in Keele, UK, with global operations across Europe, USA, Canada, Argentina, China and India our products are now used in over 800,000 procedures every year and sold in more than 100 countries around the world.

Find out more at biocomposites.com

The Subiton bone cement range is manufactured by Laboratorios SL S.A. and distributed by Biocomposites.
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