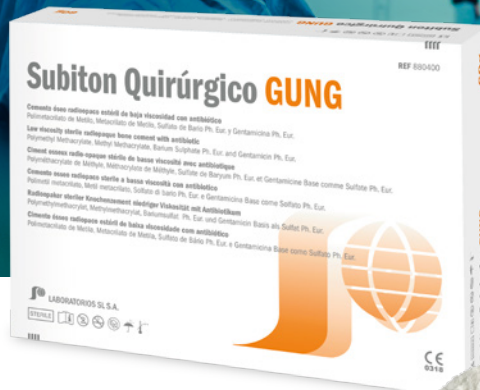


# Subiton

STANDARD (HIGH) AND LOW VISCOSITY  
SURGICAL CEMENTS



Designed to ensure  
optimal and secure  
fixation of your prostheses

# Subiton Quirúrgico

## Designed to ensure optimal and secure fixation of your prostheses

The Subiton surgical cements are manufactured under strictly controlled conditions, following an exclusive process that ensures quality and consistency. They are indicated for the cementation and bone fixation of prostheses, providing a precise and secure mechanical fit between the irregular bone surface and the prosthesis.

The Subiton surgical cement range includes antibiotic-loaded formulations, specifically designed for revision procedures in patients at high risk of infection by germs sensitive to gentamicin or tobramycin, as well as immunocompromised patients.<sup>1, 2, 3</sup>

- ✓ Standard (high) and low viscosities to achieve versatility in the application and use
- ✓ Antibiotic-loaded options for patients at high risk of infection
- ✓ Optimal working and setting times with predictable performance
- ✓ Quality guaranteed to the highest standards



## High-performance fixation in patients with and without infection

The Subiton surgical cements have been developed to provide an ideal interface between the prosthesis and the bone. They are optimized to offer secure and stable fixation in joint replacement procedures.

### Standard (high) and low viscosities to achieve flexibility in application and use

Setting time and consistency options allow adaptation to the specific needs of each procedure, enabling optimal adhesion in both manual placement and deep implantation using a syringe or vacuum mixing systems.

### Optimal working and setting times with predictable performance

The Subiton surgical cements provide sufficient time to work the mixture to the desired consistency, with well-characterized setting profiles that show the relationship between room temperature and working time.

### Antibiotic-loaded options for patients at high risk of infection

Availability of antibiotic-loaded formulations, indicated for revision procedures and for immunocompromised patients or patients at high risk of infection..

### Quality guaranteed to the highest standards

The company is committed to meet the most rigorous international certifications regarding quality, reliability, and efficacy. The comprehensive supervision of design, development, and manufacturing processes guarantees excellence at every stage.

# Subiton Quirúrgico

## SURGICAL CEMENTS

### Standard (high) and low viscosity cements

All cements in the Subiton line are sterile, radiopaque compounds with clearly defined mixing profiles, working times, and setting times, ensuring predictable and safe handling during the procedure.

To adapt to different intraoperative needs, our range of cements is available in two viscosity profiles.



### Standard (high) viscosity

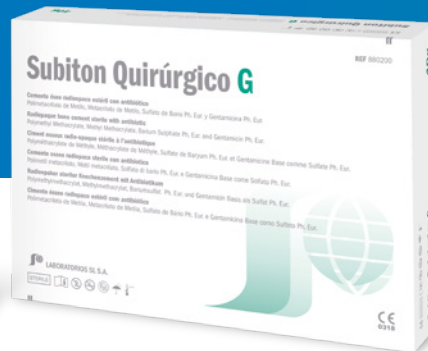
High-viscosity surgical cements, designed for manual application and mixing using a sterile container and spatula. Their firm consistency allows for manual pressurization and controlled placement of implants.

- ✓ Homogeneous mixing in approximately 30 seconds.
- ✓ Actual working time: approximately 4 minutes.



#### Subiton Quirúrgico RO

40g + 20ml  
20g + 10ml



#### Subiton Quirúrgico G

40g + 20ml  
Gentamicin content: 500mg  
20g + 10ml  
Gentamicin content: 250mg



#### Subiton Quirúrgico TP

40g + 20ml  
Tobramycin content: 1000mg  
20g + 10ml  
Tobramycin content: 500mg

## + antibiotic

The formulations with gentamicin or tobramycin integrate the antibiotic directly into the powder component to provide local antimicrobial activity without altering the core performance of the cement during handling.

- ✓ Available in multiple presentations
- ✓ Suitable for both primary arthroplasty and revision procedures, where the risk of infection may be higher.

The amount of antibiotic in the formulation does not alter the mechanical properties of the cement, allowing surgeons to use these variants without the need to modify their cementation techniques or established workflow.

## Low viscosity

Low-viscosity surgical cements designed for use with an applicator system, whether a syringe or a vacuum mixer, ensuring uniform and controlled distribution.

- ✓ It offers longer working times compared to standard (high) viscosity cements.
- ✓ Homogeneous mixture in less than 30 seconds, with a fluid working window that facilitates controlled penetration into deep canals.



### Subiton Quirúrgico GUN

60g + 30ml  
40g + 20ml



### Subiton Quirúrgico GUN G

60g + 30ml  
Gentamicin content: 750mg  
40g + 20ml  
Gentamicin content: 500mg



### Subiton Quirúrgico GUN TP

60g + 30ml  
Tobramycin content: 1500mg  
40g + 20ml  
Tobramycin content: 1000mg

# Subiton

## MIXING AND APPLICATION

### Precision and total control at every stage

Complementary systems and accessories: ideal partners for precise and safe cementation.



#### Subimix V

Single-use vacuum mixing and application device for low-viscosity surgical cement, designed for use with the Subimix gun connected to a vacuum source.

- ✓ Includes an application cannula that can be cut to the desired length, allowing for cement application in confined or hard-to-reach spaces.
- ✓ Its design allows for the removal of vapors and the reduction of air bubbles, improving the mechanical properties of the cement.<sup>4</sup>



#### Jeringa Subiton Gun

Single-use, low-viscosity surgical cement application system, designed for use with the Subiton Gun.

- ✓ Available with a long (hip) or short (knee) cannula for adequate reach into the bone cavity.
- ✓ Its design allows application through retrograde injection, promoting uniform cement distribution.<sup>5</sup>

#### Subiton Bowl

Single-use sterile mixing kit, manufactured from materials that do not degrade upon contact with cement, preventing contamination with unwanted residues.

- ✓ Designed for manual cement mixing.



#### Pistola Subimix

Reusable metal device for applying surgical cement.

- ✓ Designed for use with the Subimix V kit.



#### Pistola Subiton Gun

Reusable metal device for applying surgical cement.

- ✓ Designed for use with the Jeringa Subiton Gun kit.



# ORDERING INFORMATION

**G** GENTAMICIN **T** TOBRAMYCIN

## SURGICAL CEMENTS

VISCOSITY	MODEL	REF	PRESENTATION	GENTAMICIN CONTENT	TOBRAMYCIN CONTENT	
Standard Viscosity (High) Manual Application	Subiton Quirúrgico RO	880000	40g + 20ml	x	x	
		880020	20g + 10ml	x	x	
	Subiton Quirúrgico G	880200	40g + 20ml	<b>G</b> 500mg	x	
		880220	20g + 10ml	<b>G</b> 250mg	x	
	Subiton Quirúrgico TP	880206	40g + 20ml	x	<b>T</b> 1000mg	
		880208	20g + 10ml	x	<b>T</b> 500mg	
	Low Viscosity Application with mixing and injection devices	Subiton Quirúrgico Gun	880300	60g + 30ml	x	x
			880320	40g + 20ml	x	x
Subiton Quirúrgico GUN G		880400	60g + 30ml	<b>G</b> 750mg	x	
		880420	40g + 20ml	<b>G</b> 500mg	x	
Subiton Quirúrgico GUN TP		880406	60g + 30ml	x	<b>T</b> 1500mg	
		880418	40g + 20ml	x	<b>T</b> 1000mg	

## MIXING AND APPLICATION SYSTEMS

MODEL	REF	PRESENTATION
Subimix V	880442	1 mixing body, 1 body cap with mixing rod, 1 plastic tube (3 mm inner diameter and 2 m long), 1 vapor-absorbing cartridge, 1 funnel, 1 raccord coupling for tubes (3 mm to 6 mm diameter), 1 pressurizer.
Jeringa Subiton Gun	880451	1 Cartridge with plunger, 1 nozzle adapter, 1 long nozzle, 1 short nozzle, 1 mixing bowl, 1 spatula, 1 funnel.
Subiton Bowl	884083	1 mixing bowl, 1 spatula.
Pistola Subimix	880522	Surgical cement injection gun with tray and sterilization container.
Pistola Subiton Gun	880591	Surgical cement injection gun with tray and sterilization container.

# Subiton

More information about our products at [subiton.com](https://www.subiton.com)

## Subiton is part of the Biocomposites group

At Biocomposites, we are proud to drive better outcomes across a wide range of clinical applications, benefiting both patients and surgeons. With the incorporation of Subiton to the Biocomposites group, we strengthen our portfolio of pioneering products for the management of bone and soft tissue infections.

Headquartered in Keele, UK, with a strong presence in Europe, the United States, Argentina, Brazil, Canada, China, India, and Australia, our products are used in over 1 million procedures annually and are marketed in more than 100 countries worldwide.

**References:** **1.** Surgical Cement, Instructions for Use. **2.** Surgical Cement with Gentamicin, Instructions for Use. **3.** Subiton Quirúrgico TP / Subiton Quirúrgico GUN TP, Instructions for Use. **4.** Subimix V, Instructions for Use. **5.** Jeringa Subiton GUN, Instructions for Use.

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The products, configurations, and variants presented in this brochure may not be available in all countries or regions. Availability is subject to local regulatory approvals and current commercial policies. Information regarding specific product availability can be confirmed through authorized commercial channels and representatives, based on the corresponding regions.

REF 970625 / DOC-MAR-001 V2 (EN)

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