



# GENTAFIX<sup>®</sup> 1 & 3

## Surgical Cement with antibiotic

**GENTAFIX<sup>®</sup> 1 & 3** are radiopaque and self-hardening bone cements

- Containing Gentamicin, an aminoglycoside antibiotic
- Dedicated to arthroplasty surgery
- Allowing immediate and stable anchorage of implants
- Responding to the needs of surgeons, 2 viscosities for 2 types of applications:

**GENTAFIX<sup>®</sup> 1:** high viscosity bone cement for manual application

**GENTAFIX<sup>®</sup> 3:** low viscosity bone cement with an optimum fluidity for an easy application with syringe or injection gun

# GENTAFIX® 1 & 3

## Bone cements advantages

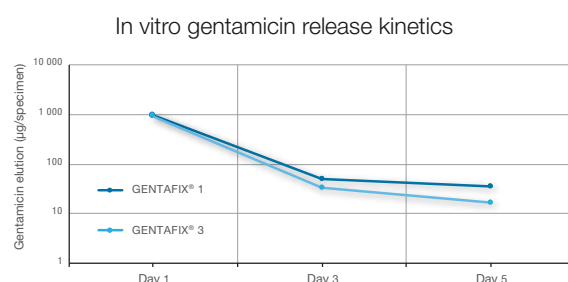
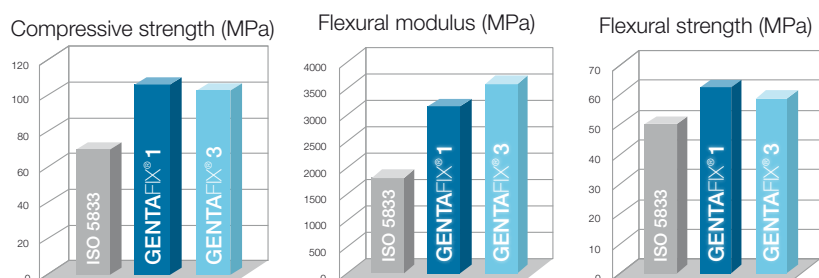
- Mechanical properties above ISO 5833 standard
- Low exothermicity in situ
- Low release of monomer
- Stable fixation of implants
- Barium sulfate as excellent radiopaque agent
- Easy to prepare with a bowl & spatula or in a vacuum mixing system

### GENTAFIX® bone cements allow local antibiotherapy.

Gentamicin, issued from family of aminosides, has a broad spectrum and is effective against most of the bacteria encountered.

The quantity of gentamicin contained in one dose of cement has been optimized to guarantee a long term release to cure or prevent infections.

### Mechanical properties higher than ISO 5833 standard<sup>1</sup> :



(1) Internal reports - Mechanical: CL021913 - GENTAFIX 1 - Intrusion: CL021813 - Release kinetics: CLAV021921

## Indications

GENTAFIX® bone cements are intended for use in cemented arthroplasty procedures.

- GENTAFIX® 1 is indicated for primary (shoulder, hip, knee) and revision (knee) surgeries.
- GENTAFIX® 3 is indicated for primary (hip) and revision (hip, knee) surgeries.

## Storage & products

Bone cements are delivered sterile. They must be stored in their unopened original packaging in a dry, clean place away from the light, at a maximum temperature of 25°C.

For any further information, please refer to the IFUs.

	GENTAFIX® 1 (% w/w)	GENTAFIX® 3 (% w/w)
<b>Liquid phase</b>	<b>14.4g</b>	<b>16.4g</b>
Methylmethacrylate	84.4	84.4
N-Butyl methacrylate	13.2	13.2
N,N Dimethyl-p- toluidine	2.4	2.4
Hydroquinone	20 ppm	20 ppm
<b>Powder phase</b>	<b>41.6g</b>	<b>41.6g</b>
Polymethylmethacrylate	84.3	84.3
Benzoyl Peroxide	2.3	2.3
Gentamicin sulphate (corresponding to 1g base)	3.8 (1.6g)	3.8 (1.6g)
Barium sulphate	9.6	9.6

DESIGNATION	REFERENCE	DESIGNATION	REFERENCE	DESIGNATION	REFERENCE
GENTAFIX® 1 41.6 g of powder and 14.4 g of liquid	T040140G	VACUUKIT® Vacuum mixing & Injection system	T060416	BOWL & SPATULA KIT pack of 10u non sterile	T060404
GENTAFIX® 3 41.6 g of powder and 16.4 g of liquid	T040340G				
Class III CE 2797		Class IIa CE 2797		Class I CE	



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