



# GENTAFIX<sup>3</sup> MV

## Medium Viscosity Surgical Bone Cement with antibiotic

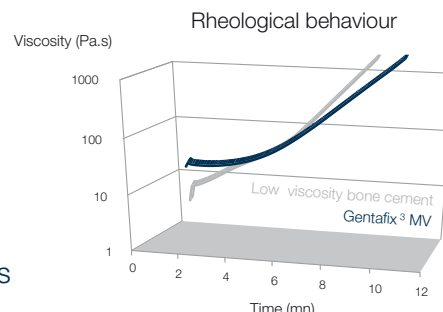
**GENTAFIX<sup>3</sup> MV** is a medium viscosity radiopaque and self hardening bone cement specially designed for cementation techniques such as under vacuum.

It contains an antibiotic from aminoglycoside family (Gentamicin) well known for its broad spectrum of activity and its efficacy against most of the bacteria responsible of infection in orthopaedic surgery.

# GENTAFIX<sup>3</sup> MV

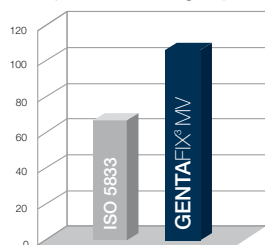
## Bone cements advantages

- Mechanical properties above ISO 5833 standard
- Low exothermicity in situ
- Low release of monomer
- Stable fixation of implants
- Adapted viscosity for a long application time
- Perfectly suitable for vacuum mixing
- Rapid and long term release of gentamicin to cure or prevent infections

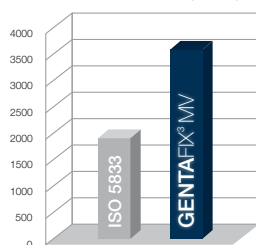


### Mechanical properties higher than ISO 5833 standard<sup>1</sup> :

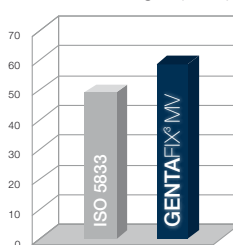
Compressive strength (MPa)



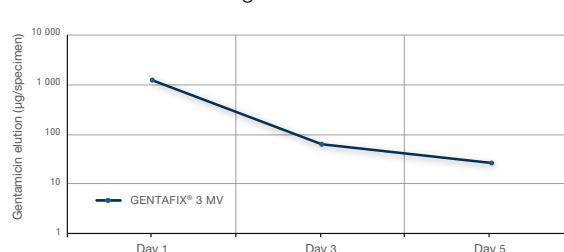
Flexural modulus (MPa)



Flexural strength (MPa)



In vitro gentamicin release kinetics



(1) Internal reports - Mechanical: 093/3/EM - Viscosity: CL220911 - Release kinetics: CLAV021921

## Indications

**GENTAFIX<sup>®</sup>** bone cements are intended for use in cemented arthroplasty procedures.

- **GENTAFIX<sup>®</sup>3 MV** 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 <sup>®</sup> 3MV (% w/w)	
<b>Liquid phase</b>	<b>18.8g</b>
Methylmethacrylate	84.4
N-Butyl methacrylate	13.2
N,N Dimethyl-p- toluidine	2.4
Hydroquinone	20 ppm
<b>Powder phase</b>	<b>41.6g</b>
Polymethylmethacrylate	85.1
Benzoyl Peroxide	1.5
Gentamicin sulphate corresponding to 1g base)	3.8 (1.6g)
Barium sulphate	9.6

DESIGNATION REFERENCE

GENTAFIX<sup>3</sup> MV T040341G  
41.6 g of powder and 18.8 g of liquid

Class III  
CE 2797



DESIGNATION REFERENCE

VACUUKIT<sup>®</sup> T060416  
Vacuum mixing & Injection system

Class IIa  
CE 2797



DESIGNATION REFERENCE

BOWL & SPATULA KIT T060404  
pack of 10u non sterile

Class I  
CE



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