

GENTAFIX[®] 1 & 3



ACRYLIC BONE CEMENTS with antibiotic

GENTAFIX[®] 1 & 3 are radiopaque, sterile and self hardening bone cements.

- They contain an aminoside antibiotic (Gentamicine)
- Both are dedicated to arthroplasty surgery
- They allow immediate and stable bone anchorage of implants

Cements ideally respond to the needs of the surgeon, two viscosities for two applications:

GENTAFIX[®] 1 : standard viscosity bone cement for manual application

GENTAFIX[®] 3 : low viscosity bone cement with an optimum fluidity for an easy application with syringe or injection gun

GENTAFIX® 1 & 3

New generation bone cements advantages

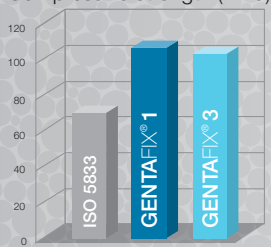
- Mechanical properties above ISO 5833 standard
- Low exothermicity release in situ
- Less release of monomer than other cements
- A stable fixation of implants
- Barium sulfate, an excellent radiopaque agent
- Easily prepared with a bowl & spatula or in a vacuum mixing system

GENTAFIX® bone cements allow local antibiotherapy.

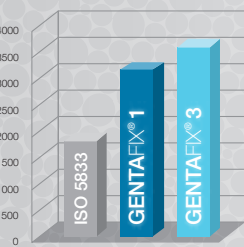
Gentamicin, issued from family of aminosides, has a broad spectrum and is effective against most of the bacteria encountered. The quantity of gentamicin contained in one dose has been optimised to guarantee a long term release and then prevent infections.

Mechanical properties higher than ISO 5833 standard :

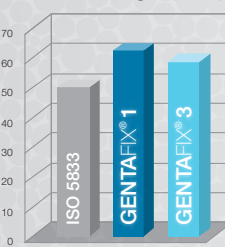
Compressive strength (MPa)



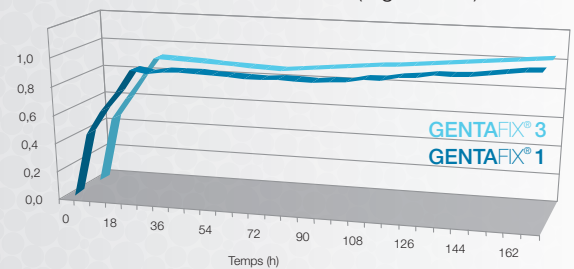
Flexural modulus (MPa)



Flexural strength (MPa)



In vivo release kinetics (mg of base)



Indications

Fixation of implants, arthroplasty revision procedures, patients with high risk of bone infection, revision of infected prosthesis.

Storage & products

Bone cements are delivered sterile, ready to use in the operating theatre. They must be stored in their unopened original packaging in a clean, dark and dry place at a maximum temperature of 25°C.

For any further information, please refer to the IFU.

PACKAGING

Liquid : within glass ampoule
Powder : within double pouch

DESIGNATION

GENTAFIX® 1 - 40 g of powder and 14.4 g of liquid
GENTAFIX® 3 - 40 g of powder and 16.4 g of liquid
BOWL & SPALUTA KIT - pack of 10u - non sterile
BOWL & SPALUTA KIT - pack of 1u - sterile
SYRINGE WITH LONG NOZZLE - 1u - non sterile
SYRINGE WITH SHORT NOZZLE - 1u - non sterile

REFERENCE

T040140G
T040340G
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T060403
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Manufactured by

