

Introducing CEMEX GENTA[®]

Low Viscosity

High Viscosity

System Gun

CEMEX GENTA

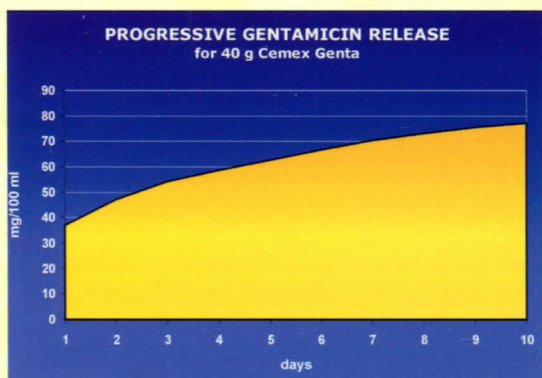
Cemex Genta bone cements present the following characteristics:

- *release of Gentamicin over time and reduction of the risks of infections;*
- *high release of antibiotic in the first and most critical hours after surgery (24h);*
- *low polymerization temperature thanks to the 3:1 powder/liquid ratio;*
- *low release of monomer residue;*
- *high mechanical performances.*

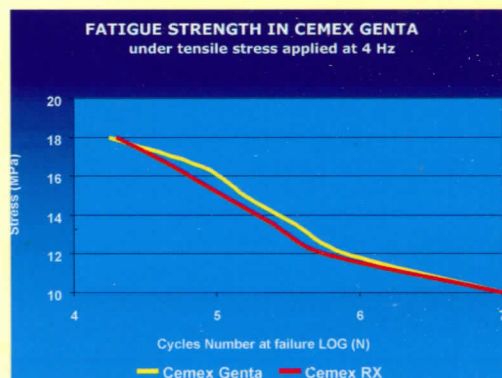
Gentamicin is an aminoglycosidic antibiotic contained in the powder component; it is particularly effective against a large number of micro-organism responsible for surgical infections (especially gram-negative bacteria).

With Cemex Genta, the surgeon uses a product always containing 2.5% of active antibiotic (anhydrous base). This concentration is ideal for retaining the mechanical properties of the cement at the same time as providing effective anti-bacterial action.

Effective release of gentamicin and excellent mechanical performances



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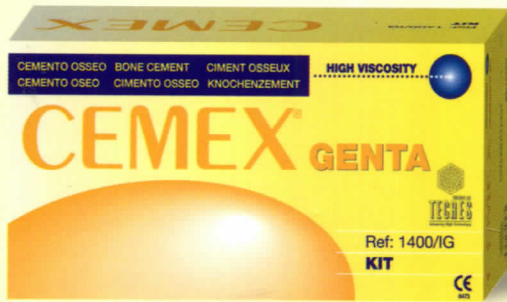


Minari C., Cristofolini L., Toni A.,
Rizzoli Orthopaedic Institute - Bologna (Italy)

CEMEX GENTA:
a complete range of high quality bone cements
for all surgical applications.

REF	DESCRIPTION
1400/AG	CEMEX GENTA low viscosity KIT <i>Low Viscosity with Gentamicin in Kit* 40 g</i>
1400/IG	CEMEX GENTA high viscosity KIT <i>High Viscosity with Gentamicin in Kit* 40 g</i>
1500/SG	CEMEX GENTA SYSTEM GUN 80 g
*(Bone cement + bowl and spatula)	

Cemex Genta High Viscosity



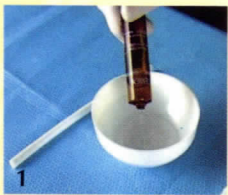
CEMEX GENTA HV is a high viscosity bone cement. This means that it rapidly achieves a viscosity suitable for manual application. Cemex Genta HV is preferred in the cementation of large surfaces. Typical examples are the cementation of the acetabular cavity in hip replacement surgery and of the tibial plate in knee surgery.

Cemex Genta Low Viscosity



CEMEX GENTA LV is a low viscosity bone cement developed for both syringe application (by transferring the mass at the liquid stage into the syringe) and manual application (by leaving the mass in the mixing bowl before handling it). Syringe application is ideal for deep cavities. An example is the femoral canal in hip replacement surgery and in the distal area in knee arthroplasty. Manual application is similar to that of Cemex Genta HV.

Preparation



Cemex Genta HV - Cemex Genta LV

Cemex Genta LV



Cemex Genta System Gun

CEMEX GENTA SYSTEM GUN combines the characteristics of CEMEX GENTA with the simplicity of preparation and application proper of the integrated system that provides the following advantages:

- reduction of the possibilities of microbial contamination of the bone cement;
- reduction of the release of monomer vapours into the environment;
- optimal mixing of the cement;
- possibility of obtaining high and low viscosity cement.

Preparation

