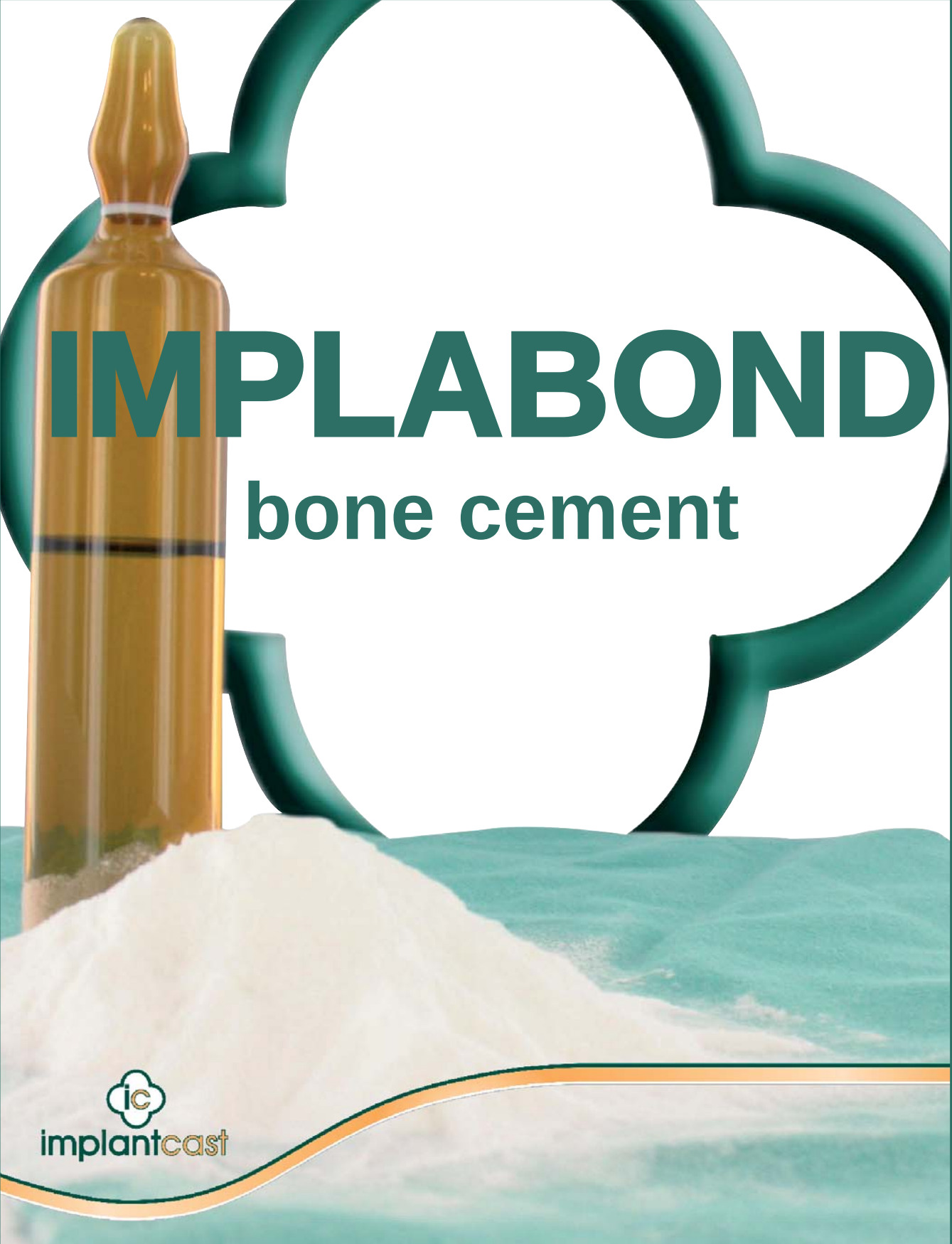




IMPLABOND

bone cement



indication:

implabond is a radiopaque, sterile and self hardening bone cement which allows immediate and stable anchorage of orthopaedic implants in the living bone. **implabond 1G** and **3G** bone cements contain an antibiotic issued from family of aminosides gentamicin.

Four cements ideally respond to the needs of the surgeon:

<i>standard viscosity bone cement</i>	
implabond 1	REF: D041140
implabond 1G	REF: D041140G

<i>low viscosity bone cement</i>	
implabond 3	REF: D041340
implabond 3G	REF: D041340G

advantages:

-  mechanical properties far above the ISO 5833 standard
-  a decreased polymerisation temperature
-  less monomer is released in situ
-  final rapid hardening reducing risk of prothetic micromovements
-  Barium sulfate, the used radiopaque agent (produces less wear debris than zirconium dioxyde)



indications:

implabond 1 and **implabond 3** are recommended for:

-  fixation of prosthesis in arthroplasty procedures
-  joint destructions following trauma, osteoarthritis, osteoporosis

implabond 1G and **implabond 3G** are recommended for:

-  revision of previous arthroplasty procedures
-  patients for which bad healthstate increases the risk of bone infection
-  revisions for sepsis developed on prostheses



antibiotics release:

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



bone infiltration:

implabond bone cement has high intrusion conditions and can resist bleeding pressure.

temperature influences:

For all the PMMA bone cement, the working phase depends on the room conditions.

The duration of the working phases depends on the ambient temperature and moisture level in the operating room. It also depends on the temperature of the cement components and of the mixing and injection equipment.



stocking:

implabond 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.



implantcast

implantcast GmbH
Lüneburger Schanze 26
21614 Buxtehude
Deutschland
Tel.: +49 4161 744-0
Fax: +49 4161 744-200
E-mail: info@implantcast.de
Internet: www.implantcast.de

