ZIMMER BIOMET
Your progress. Our promise.

CopiOs® Cancellous Particulate Xenograft

A Xenograft Treatment Similar To Allograft[1]

1. Predictable Remodeling and Regeneration

- CopiOs Cancellous Particulate Xenografts are mineralized particulate cancellous bovine bone chips indicated for large and small bone defects.[1,2]
- In small defects it has been reported to rapidly remodel into vital bone.[1]
- During the remodeling process CopiOs Cancellous Particulate Xenografts act as an osteoconductive scaffold for new bone formation.[1,3]
- Retains osteoconductive properties due to the preservation of the original bovine cancellous bone matrix collagen and mineral composition, trabecular pattern and original porosity.[1,4]

2. Alternative to Autogenous Bone

- CopiOs Cancellous Particulate Xenografts have been reported to be a viable alternative to autogenous bone grafts.[1,5]

3. Tutoplast® Process

- Sterilized and preserved using the proprietary Tutoplast Process, CopiOs Cancellous Particulate Xenografts offers a high-quality option for successful bone regeneration.[1]

Clinical Advantages

Grafting with cancellous particulates has been shown to produce successful clinical results[2] in:

- Regeneration of periodontal bone defects.
- Regeneration of space between alveolar wall and immediate implants.
- Horizontal alveolar crest augmentation.
- Regeneration of furcation defects.
- Regeneration after cyst resection or apisectomy.
- Regeneration of extraction sockets.
- Regeneration of defects after block harvesting in chin or Ramus.
- Regeneration of gaps around block transplants.
- Quick hydration, five-year shelf life and room temperature storage.

Case Report

Fig. A Immediate implant placement.

Fig. B CopiOs Cancellous Particulate Xenografts packed around implant.

Fig. C Six months post-surgical.

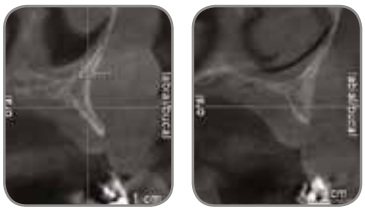

Fig. D Initial TAC (left) and TAC at six months (right).

The Unique Tutoplast Process

The proprietary Tutoplast Process assures a high standard of tissue safety and quality with minimal risk of disease transmission.[6]

The process preserves the valuable collagen matrix and tissue integrity while inactivating pathogens and gently removing unwanted materials, such as cells, antigens and viruses.[4,6] The result is quality, biocompatible tissue.

For over 45 years, a variety of Tutoplast processed tissues have been successfully used in more than five million procedures.[6]

Delipidization

Osmotic Treatment

Oxidative Treatment

Solvent Dehydration

Low-Dose Gamma Irradiation

Ordering Information

Catalog Number	Description	Size of Particles	Volume
97200	CopiOs Cancellous Particulate Xenograft	0.25 mm–1 mm	0.5 cc
97201	CopiOs Cancellous Particulate Xenograft	0.25 mm–1 mm	1 cc
97202	CopiOs Cancellous Particulate Xenograft	0.25 mm–1 mm	2 cc
97210	CopiOs Cancellous Particulate Xenograft	1 mm–2 mm	0.5 cc
97211	CopiOs Cancellous Particulate Xenograft	1 mm–2 mm	1 cc
97212	CopiOs Cancellous Particulate Xenograft	1 mm–2 mm	2 cc

Individual results may vary.

1. Tudor C. Srour S, Thorwarth M, Wehrhan F, Stockmann P, Neukam FW et al. Bone regeneration in osseous defects – application of particulated human bovine materials. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2008;105:430-436.
2. Instructions for Use.
3. Trentz OA, Hoerstrup SP, Sun LK, Bestmann L, Platz A, Trentz OL. Osteoblasts response to allogenic and xenogenic solvent dehydrated cancellous bone in vitro. Biomaterials. 2003;24:3417-3426.
4. Tadic D, Epple M. A thorough physicochemical investigation of 14 calcium phosphate based bone substitution materials in comparison to natural bone. Biomaterials. 2004;25:987-994.
5. Ploger M, Wolf HK, Schau I, von der Haar A. Rekonstrucktion and Augmentation mittels eines kortikospongiösen Tutodent® CS Blocks. BDIZ Konkret. 2005;2:84-86.
6. Data on file with RTI Surgical, Inc.

† Dr. Antonio Murillo has or in the last 2 years had financial relationships with Zimmer Dental resulting from speaking engagements, consulting engagement and retained services.

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