

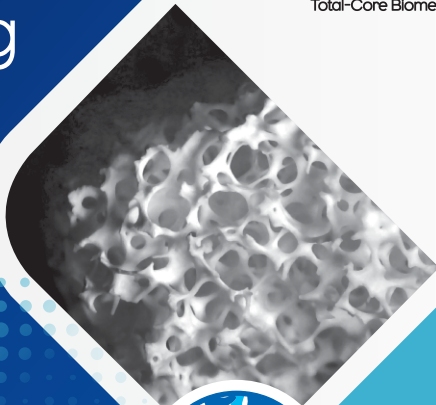
Total-Core

Bone Grafting Materials

 **Total-Core**
Core value builder
Total-Core Biomedical Manufacturing

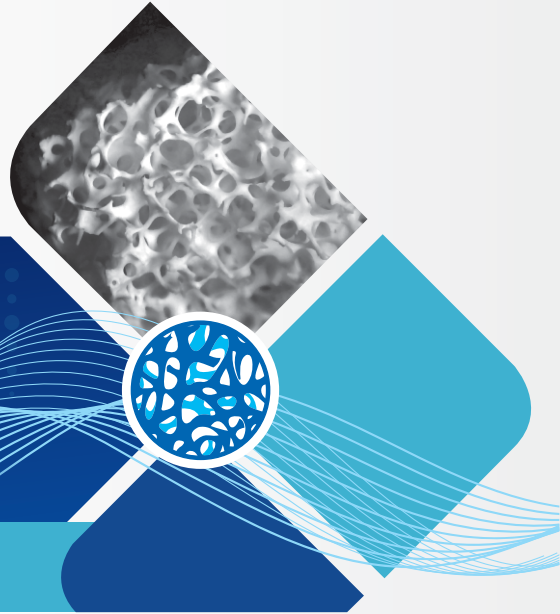


www.total-core.ae
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CoreGraft®

Xenograft (Bovine) Bone Substitute Material



Anorganic Bovine Matrix

CoreGraft® bone matrix implant, made of deproteinized bovine bone, is indicated as a successful solution to ease and improve bone regeneration.

Thanks to its natural origin, it is chemically and structurally comparable to mineralized human bone (natural nanocrystalline apatite).

The highly purified osteoconductive mineral structures is obtained from natural bovine bone through a manufacturing process that guaranties a 96% phase purity in strictly compliance with international security standards. Sterilized with gamma-radiation.

Applications:

- Bone defect treatment and bone augmentation in general.
- Alveolar ridge augmentation/reconstruction.
- Socket filling post-dental extraction.
- Implantology: implant site preparation, bone defect filling and maxillary sinus lift.
- Periodontology: bone defect filling, membrane.
- support during guided tissue regeneration.

Properties:

- The high volume of interconnected pores benefits new bone formation and growth.
- Benefits osteoblasts bonding and posterior osteoid formation.
- Benefits osteogenesis, thanks to its osteoconductive property.
- No potential immunological or infectious risks.
- Cortical or cancellous presentation, thin or thick granulometry.
- In moldable Putty, it adheres to instrumentation and adopts to the cavity shape.

Granule presentation

Specific products for different instructions:

oral implantology, maxillofacial surgery, orthopedic and neurosurgery.



Ref No.	Volume	Weight	Granule Size
CGB-250-05	0.5 cc	0.25 gr	250-1000
CGB-350-05	0.5 cc	0.25 gr	350-840
CGB-840-05	0.5 cc	0.25 gr	840-2000
CGB-1000-05	0.5 cc	0.25 gr	1000-2000
CGB-250-10	1.00 cc	0.50 gr	250-1000
CGB-350-10	1.00 cc	0.50 gr	350-840
CGB-840-10	1.00 cc	0.50 gr	840-2000
CGB-1000-10	1.00 cc	0.50 gr	1000-2000
CGB-250-20	2.00 cc	1.00 gr	250-1000
CGB-350-20	2.00 cc	1.00 gr	350-840
CGB-840-20	2.00 cc	1.00 gr	840-2000
CGB-1000-20	2.00 cc	1.00 gr	1000-2000
CGB-250-40	4.00 cc	2.00 gr	250-1000
CGB-350-40	4.00 cc	2.00 gr	350-840
CGB-840-40	4.00 cc	2.00 gr	840-2000
CGB-1000-40	4.00 cc	2.00 gr	1000-2000
5CCBO	5.00 cc	2.50 gr	840-2000
HU5CC	5.00 cc	2.50 gr	1000-4000
10CCBO	10.00 cc	5.00 gr	840-2000
HU10CC	10.00 cc	5.00 gr	1000-4000
HU20CC	20.00 cc	10.00 gr	1000-4000
HU30CC	30.00 cc	15.00 gr	1000-4000

Moldable putty bovine matrix

Putty obtained from bovine natural bone matrix, combined with a mixture of moisturizers, binding agents and saline, to enhance ease of use and flexibility during surgical application. Moldable putty allows manipulation without waste, is hygroscopic, highly malleable and easy to mold. Eliminates the need for any preparation before placement. Superior performance resulting from multiple physical and chemical interactions.



Ref No.	Weight	Granule Size
CGP-10	1.00 gr	350-840
CGP-20	2.00 gr	350-840

CoreGuide®

Bovine Collagen (Pericardium) Membrane



Bovine Pericardium Membrane

- Easy to handle, highly hygroscopic properties
- Tear resistant: excellent response to suture, tac and screw fixation
- Optimal mechanical properties: drapability, permeability, elasticity and stability
- Validated barrier resorption time: 4-6 months
- Promotes soft tissue keratinization

Ref No.	Size	Thickness
CGPM-1010	10 X 10 mm	300-500
CGPM-1020	10 X 20 mm	300-500
CGPM-1520	15 X 20 mm	300-500
CGPM-2025	20 X 25 mm	300-500
CGPM-2030	20 X 30 mm	300-500
CGPM-2040	20 X 40 mm	300-500
CGPM-3040	30 X 40 mm	300-500
CGPM-4040	40 X 40 mm	300-500
CGPM-5050	50 X 50 mm	300-500
CGPM-7575	75 x 75 mm	300-500
CGPM-100100	100 X100 mm	300-500

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Xenograft (Bovine) Bone Substitute Material



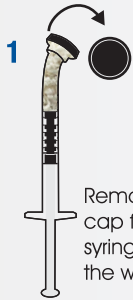
Prefilled Syringes With CoreGraft® Bone Filling

- Easy to handle
- Practical and safe pre-filled applicator syringe
- Ready to hydrate and use with saline solution or blood (in straight syringes)
- Bone matrix from osteoconductive, deproteinized bovine bone
- The large volume of interconnected pores benefits osteoblasts bonding and osteoid deposition

	Ref No.	Volume	Weight	Granule Size
Curved Syringe	CGSY-350-10	1.00 cc	0.50gr	350-840
	CGSY-840-10	1.00 cc	0.50gr	840-2000
Straight Syringe	CGSY-1400-10	1.50 cc	0.75gr	350-1400
	CGSY-840-20	2.00 cc	1.00gr	840-2000

1.5 and 2cc Straight Syringes Can also be Moistened With Blood or Plasma.

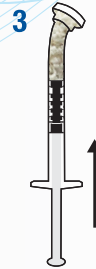
Instructions for use CoreGraft Prefilled Syringes



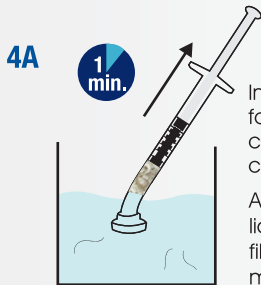
Remove black cap from the syringe, leaving the white filter-cap.



Important: Place the syringe with the white filter-cap upwards, move the plunger back and tap it lightly with your finger, so that the filling goes down and is not compacted.



Return plunger to initial position.



Immerse the white filter-cap for at least 2 cm in the liquid*, checking that it is completely covered.

Aspirate with plunger until liquid* completely covers the filling, allow moistening for 1 minute.

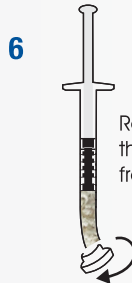


It is also possible to load the liquid with a conventional syringe, through the perforations of the white filter-cap.

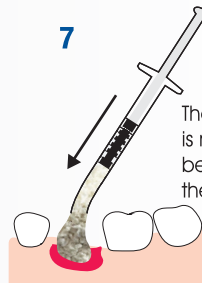


Press the plunger to expel excess liquid*.

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Important:
Repeat steps 4 and 5.



Remove the white threaded filter-cap from the syringe.



The bone filling is now ready to be syringed into the cavity.

1cc curved syringes are moistened with saline solution, 1.5 and 2cc straight syringes can also be moistened with blood or plasma.



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