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Regen is our business. It's what we do!

CEVOSS™

Bovine Bone particulates

CevOss™ bone matrix implant is made of deproteinized bovine bone and is indicated in bone regeneration. Thanks to its natural origin, it is chemically and structurally comparable to mineralized cancellous human bone (natural nanocrystalline apatite). The highly purified osteoconductive mineral structure is obtained from natural bovine bone through a manufacturing process that guarantees a 96% phase purity in strict compliance with international standards. **CevOss™** is sterilized with gamma-radiation at 25kGy.

FEATURES AND BENEFITS

- The high volume of interconnected pores promotes new bone formation and growth
- Promotes osteoblasts bonding and posterior osteoid formation
- Promotes osteogenesis, thanks to its osteoconductive property
- No potential immunological or infectious risks
- Adheres to instrumentation
- Adapts to the cavity shape

CevOss™ Bone Structure

APPLICATIONS

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

AVAILABILITY

	250-1000 µm granules					1000-2000 µm granules				
Package	Vials					Vials				
Weight (grams)	0.5	1.0	2.0	5.0	8.0	0.5	1.0	2.0	5.0	8.0
Volume (cc)	0.25	0.5	1.0	2.5	4.0	0.18	0.35	0.7	1.7	2.90

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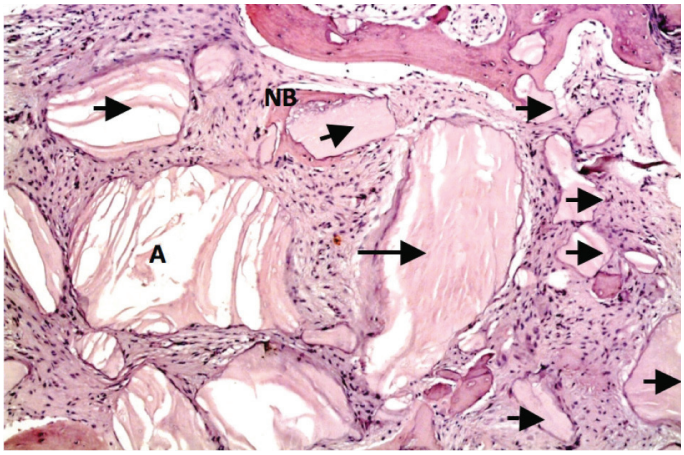
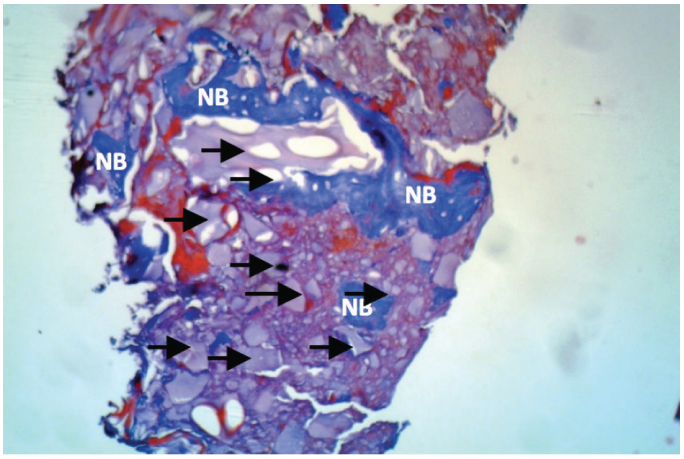
HISTOLOGICAL RESULTS



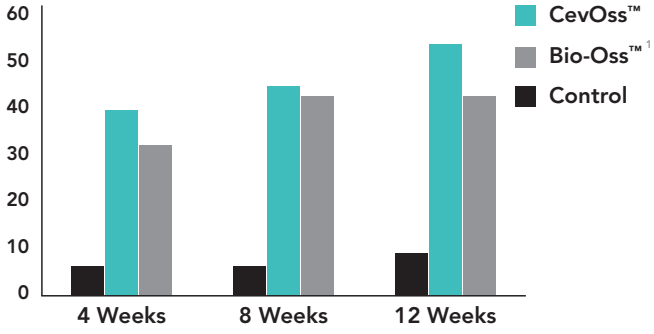
Photomicrography of sinus floor elevation with CevOss™. Cross-setional cut. (4x, Masson's trichrome and anilin blue). Arrows indicate CevOss™ deposit. Presence of trabecular bone neoformation (NB).



Arrows indicate CevOss™ graft. Presence of new bone trabecula (NB), CevOss™ deposit witn lamellar artifact (A). 10X, H-E.

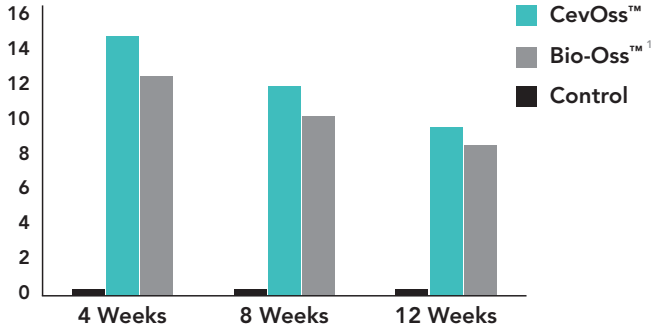
HISTOMORPHOMETRIC RESULTS

% of new bone formation



New bone formation plot for CevOss™ and Bio-Oss™ at different end-points.

% of the remaining particles of the device



Remaining of the particle of the bone grafts CevOss™ and Bio-Oss™ at different end points.

Substantially equivalent

1. Based upon comparison of the intended use, biocompatibility, sterility, physical and chemical testing, and the performance evaluation of CevOss™ in an anatomically relevant animal model and the results of clinical cases, the F.D.A. concludes that CevOss™ is substantially equivalent to the predicate devices Bio-Oss™ and Equimatrix™. Data on file. All trademarks are the property of their respective owners.

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