ReadiGRAFT®

Demineralized Chips and Particulate

Clinical Overview

Demineralized bone chips and particulates designed to promote bone healing in patients with a high risk of non-union.

Applications

- Any surgical application that requires bone void filler.

Why Use

- **Osteoinductive Potential:** Demineralized using proprietary PAD® technology that targets optimal residual calcium levels of 1-4% without compromising the grafts inherent osteoconductive properties or osteoinductive potential[1-4]
- **Osteoconductive:** Natural bone matrix facilitates cell attachment and proliferation, and vascular in-growth
- **Sterile:** Sterilized using proprietary and patented Allowash XG® technology which provides a sterility assurance level of 10^{-6}, without compromising the graft's inherent osteoconductive properties[5]
- **Versatile:** Available in multiple sizes and volumes to meet surgical needs
- **Absorbent:** Absorbs and retains bioactive fluids like blood, platelet rich plasma (PRP), and bone marrow aspirate (BMA)

References

1. Zhang M, Powers R, Wolfinbarger L. (1997). Effect(s) of demineralization process on the osteoinductivity of demineralized bone matrix. J Periodontol, 68:1085-1092.
2. Turonis JW, McPherson JC 3rd, Cuening MF. (2006). The affects of residual calcium in decalcified freeze-dried bone allograft in a critical-sized defect in the Rattus norvegicus calvarium. J Oral Implantol. 32(2), 55-62.
3. Herold RW, Pashley DH, Cuening MF. (2002). Effects of varying degrees of allograft decalcification on the cultured porcine osteoclast cells. J Periodontol, 72(2), 213-219.
4. Mott DA, Mailhot J, Cuenin MF, Sharawy M, Borke J. (2002). Enhancement of osteoblast proliferation in vitro by selective enrichment of demineralized freeze-dried bone allograft with specific growth factors. J Oral Implantiol, 28(2), 57-66.
5. Eisenlohr LM. "Allograft Tissue Sterilization Using Allowash XG®." 2007 Bio-Implants Brief.

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ReadiGraft Demineralized Cancellous Chips

Grind Size	Volume	Freeze-Dried
1 - 8 mm	40 cc	DCAN40

ReadiGraft Demineralized Cortical/Cancellous Chips

Grind Size	Volume	Freeze-Dried
1 - 8 mm	20 cc	DCC1/4

ReadiGraft Demineralized Cortical Particulate

Grind Size	Volume	Freeze-Dried
125-1000 microns	20 cc	DGC20
	40 cc	DGC40

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