

ArthroCell™ Plus Viable Bone Matrix

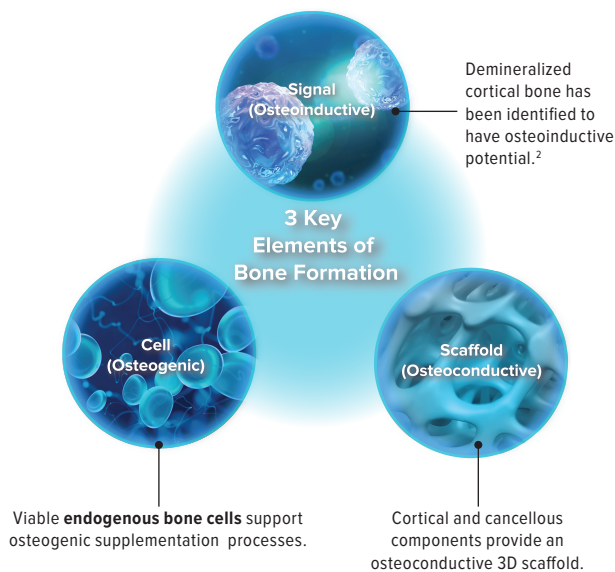
Quick Facts



An ideal graft for fusion should include:

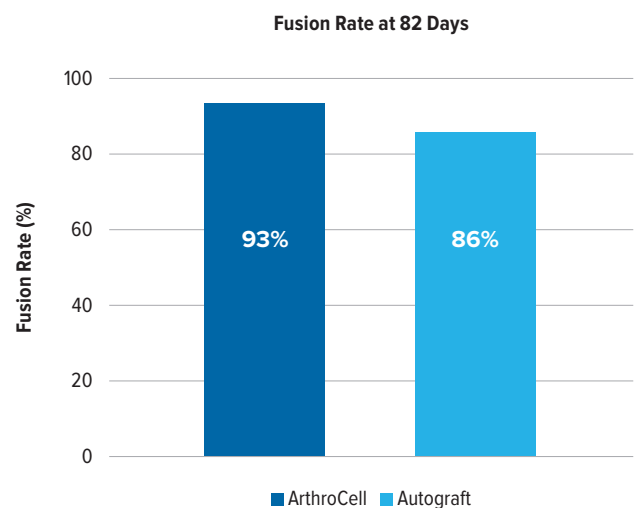
- › Lack of immunologic potential
- › Histologic compatibility
- › Osteoconductive scaffolding
- › Osteoinductive cytokines
- › Osteogenic viable cells while avoiding donor-site morbidity¹

ArthroCell bone grafts contain these essential elements:



ArthroCell Allografts: A Viable Option for Fusion Support

In a retrospective study of 199 arthrodesis patients, patients who received an ArthroCell allograft compared to autograft showed a higher fusion rate.¹



Key Takeaway: At 82 days post procedure, 93% of patients with ArthroCell allograft achieved fusion compared to the 86% of Autograft patients.¹

The ArthroCell Plus Advantage

- › The bone cells are endogenous to the cancellous bone, an area known to be rich in MSCs, remaining attached throughout the donor tissue processing event.³
- › Average cell viability exceeds 92% post-thaw.⁴
- › ArthroCell Plus contains an average of 1.5 million viable cells per cc of allograft.

The DMSO-Free Difference

- › ArthroCell grafts are preserved in a novel DMSO-free cryoprotectant.
- › ArthroCell grafts feature a noncytotoxic coating that requires no rinsing or decanting—simply thaw and use.



Ordering Information

Product Description	Item Number
ArthroCell™ Plus Allograft, 1 cc	ABS-2090-01
ArthroCell Plus Allograft, 2.5 cc	ABS-2090-02
ArthroCell Plus Allograft, 5 cc	ABS-2090-05
ArthroCell Allograft, 2.5 cc	ABS-2009-02
ArthroCell Allograft, 5 cc	ABS-2009-05

References

1. Frederick RM, Sarfani S, Chiu CY, et al. Comparing rates of fusion and time to fusion in viable cellular allograft and autograft. *Foot Ankle Int.* 2022;43(12):1548-1553. doi:10.1177/10711007221119164
2. Gruskin E, Doll BA, Futrell FW, Schmitz JP, Hollinger JO. Demineralized bone matrix in bone repair: history and use. *Adv Drug Deliv Rev.* 2012;64(12):1063-1077. doi:10.1016/j.addr.2012.06.008
3. Sakaguchi Y, Sekiya I, Yagishita K, Ichinose S, Shinomiya K, Muneta T. Suspended cells from trabecular bone by collagenase digestion become virtually identical to mesenchymal stem cells obtained from marrow aspirates. *Blood.* 2004;104(9):2728-35. doi:10.1182/blood-2003-12-4452
4. Vivex Biologics. Data on file (VIV1276_VIAFormPlus_SS_122721). Miami, FL.

Arthrex has used reasonable efforts to provide accurate and complete information herein, but this information should not be construed as providing clinical advice, dictating reimbursement policy, or as a substitute for the judgment of a health care provider. It is the health care provider's responsibility to determine the appropriate treatment, codes, charges for services, and use of modifiers for services rendered and to submit coverage or reimbursement-related documentation.