



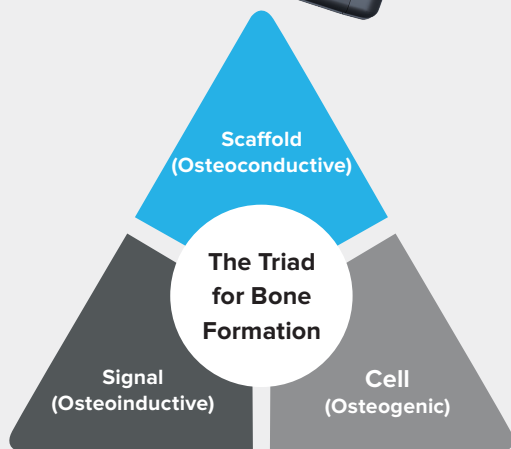
OsteoAuger™ Bone Graft Harvesting System

Features and Benefits of OsteoAuger™ Bone Graft Harvester:

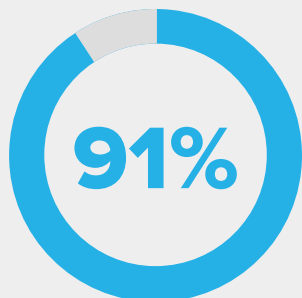
- Includes AO quick connect adapter
- Minimally invasive
- Multiple passes can be made
- Collects morselized autologous bone
- Components are single use and provided sterile

Features and Benefits of Harvesting Autologous Bone:

- Cost effective
- Histocompatible with no concern of disease transmission¹
- Strong structural support as graft is not subject to processing techniques²
- Autologous bone graft contains:
 - Progenitor cells
 - Viable osteocytes and osteoblasts
 - Connective tissue
 - Growth factors³



Autograft bone invokes all necessary components for bone growth



Primary bone union rate with autograft bone in post-traumatic bone defects⁴

Approximately

637,000

autograft procedures are performed every year⁵

Lower rate of surgical revision⁶

17.1% Autograft | **26.1%** rhBMP-2*

*rhBMP-2=recombinant human bone morphogenetic protein

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Autogenous cancellous bone has robust biologic activity to rapidly incorporate into the recipient site⁷

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References

1. C Miller, CP Chiodo. Autologous bone graft in foot and ankle surgery. *Foot Ankle Clin.* 2016;21(4):825-837. doi:10.1016/j.fcl.2016.07.007
2. Baldwin P, Li DJ, Auston DA, Mir HS, Yoon RS, Koval KJ. Autograft, allograft, and bone graft substitutes: clinical evidence and indications for use in the setting of orthopaedic trauma surgery. *J Orthop Trauma.* 2019;33(4):203-213. doi:10.1097/BOT.0000000000001420
3. A Schmidt. Autologous bone graft: is it still the gold standard? *Injury.* 2021;52 Suppl 2:S18-S22. doi:10.1016/j.injury.2021.01.043
4. Azi ML, Aprato A, Santi I, Kfuri M Jr, Masse A, Joeris A. Autologous bone graft in the treatment of post-traumatic bone defects: a systematic review and meta-analysis. *BMC Musculoskelet Disord.* 2016;17(1):465. doi:10.1186/s12891-016-1312-4
5. DRG Millennium Research Group. Bone Graft Substitutes, Global, 2019.
6. Flierl MA, Smith WR, Mauffrey C, et al. Outcomes and complication rates of different bone grafting modalities in long bone fracture nonunions: a retrospective cohort study in 182 patients. *J Orthop Surg Res.* 2013;8:33. doi:10.1186/1749-799X-8-33
7. Khan SN, Cammisa FP Jr, Sandhu HS, Diwan AD, Girardi FP, Lane JM. The biology of bone grafting. *J Am Acad Orthop Surg.* 2005;13(1):77-86.

This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience and should conduct a thorough review of pertinent medical literature and the product's directions for use. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes.

