Capture the gold

Introducing the Bone Vac
autologous bone dust collector
Revisit the data

With autologous, viable cells and regenerative nature, drilled bone dust can be a valuable adjunct to other bone growth agents. Here’s a look at just some of the data reflecting its osteogenic, osteoinductive and osteoconductive potential.

**Contains viable bone-building cells**\(^1-6\)
- Osteoblasts, osteoclasts, osteocytes
- Osteoprogenitor/mesenchymal stem cells
- Osteoblast expression markers

**Exhibits early and late markers**
correlated with the osteoblastic phenotype (ALP activity, collagen synthesis and calcium deposition)\(^3\)

**Upregulates factors**
involved in bone cell recruitment, maturation, healing and remodeling (IL-6, IL-11, MCP-1, IBSP, VEGF, OPG, RANKL)\(^1\)

**Releases cytokines and growth factors**
with known anabolic effects on bone healing (IL-1β, IL-6, TGF-β, VEGF\(^1\), FGF-Basic, PDGF-BB)\(^1\)

**7x osteoblast proliferation**\(^1\)

**100% progressive new bone formation seen when using a cervical interbody cage**\(^4\)
Reimagine
what's possible

Put bone dust to work for you, quickly and easily. Using your existing drill and surgical suction, the Bone Vac collects drilled bone dust through existing surgical suction. That arms you with the regenerative benefits of gold standard, autologous bone, delivered with a simplicity and price your surgical and administrative teams will like.

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Viability of bone dust
Bone dust can contain viable bone-forming cells and expression markers, even after drilling, and reflect osteogenic, osteoinductive and osteoconductive potential. Add ortho/spine, otology, cranial and other procedures where bone regeneration/fusion is desired.

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Cost conscious
May apply CPT 20936 (harvest of autograft from same surgical site)
• Can reduce use of additives
• Equipment compatibility limits capital expenses
• May reduce care/cost of complications associated with iliac crest harvesting or immunologic response to non-autograft materials

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Rediscover the value

The Bone Vac is a golden opportunity to get more of what you want – gold standard autologous bone – during your ortho/spine, otology, cranial or other procedures where bone regeneration is desired. To trial the Bone Vac product or to get more information contact your Neurosurgical sales representative, call 800 253 3210 or visit neurosurgical.stryker.com.

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Visit StrykerGoodAsGold.com for objective clinical evidence


Neurosurgical

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