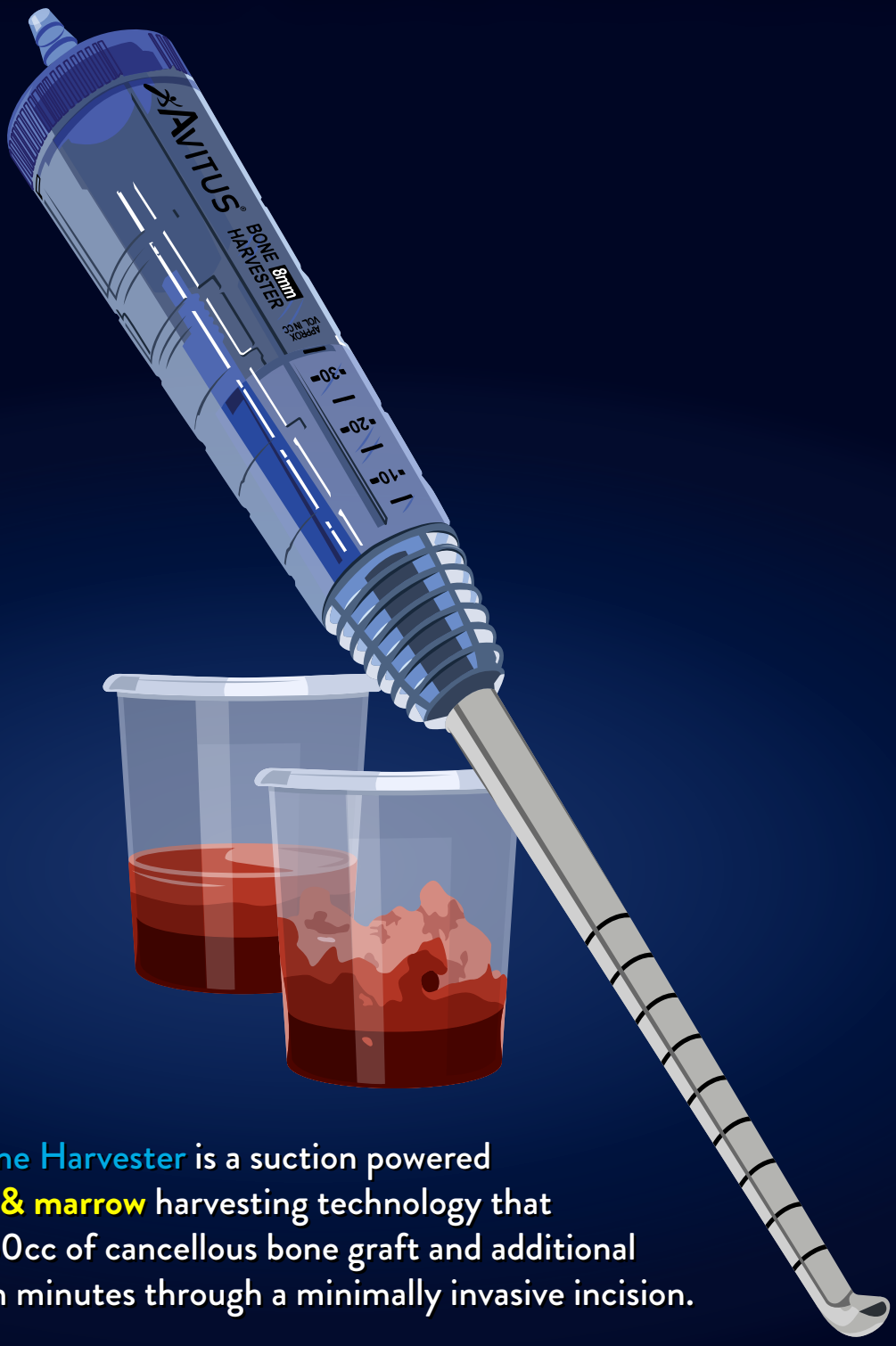
PRODUCT BROCHURE:
THE AVITUS® BONE HARVESTER



The Avitus® Bone Harvester is a suction powered **advanced bone & marrow** harvesting technology that can harvest 5-50cc of cancellous bone graft and additional liquid marrow in minutes through a minimally invasive incision.

the avitus® bone harvester

providing cost-savings while making the gold-standard *your* standard.

how it works

1

HOOK TO SUCTION

2

MAKE PILOT HOLE
Recommended Use: Avitus® Pilot Hole Creator provides MIS cortical entry.

3

HARVEST YOUR GRAFT & MARROW

4

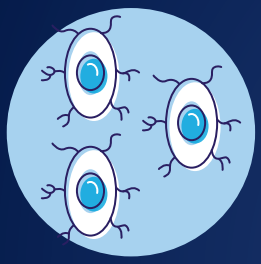
DRAIN YOUR MARROW

5

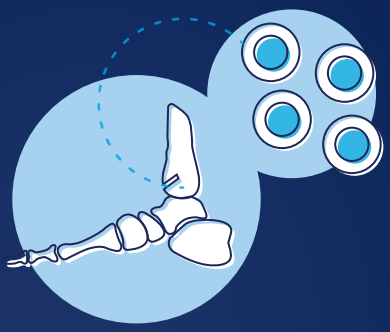
SLIDE OUT GRAFT
If additional volume is required, reassemble device and resume harvesting

why choose cancellous autograft?

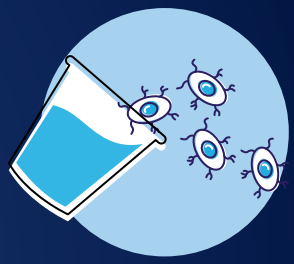
> "the only stand-alone graft option that offers the three pillars to bone remodeling and healing.[1,2]"



OSTEOCONDUCTIVE
Provides a three-dimensional framework enabling ingrowth required for new bone formation [1,3]



OSTEOINDUCTIVE
Recruits mesenchymal cells to differentiate into bone forming osteoblasts [1,3]



OSTEOGENIC
Living elements in the graft that synthesize new bone formation[1,3]

	Avitus® Bone Harvester: Cancellous Bone Autograft	Bone Marrow	Allografts	DBM
Osteoconductive	++++	-	+	+
Osteoinductive	++	+/-	+/-	-
Osteogenic	+++	++	-	-
Immunogenicity	-	-	++	-

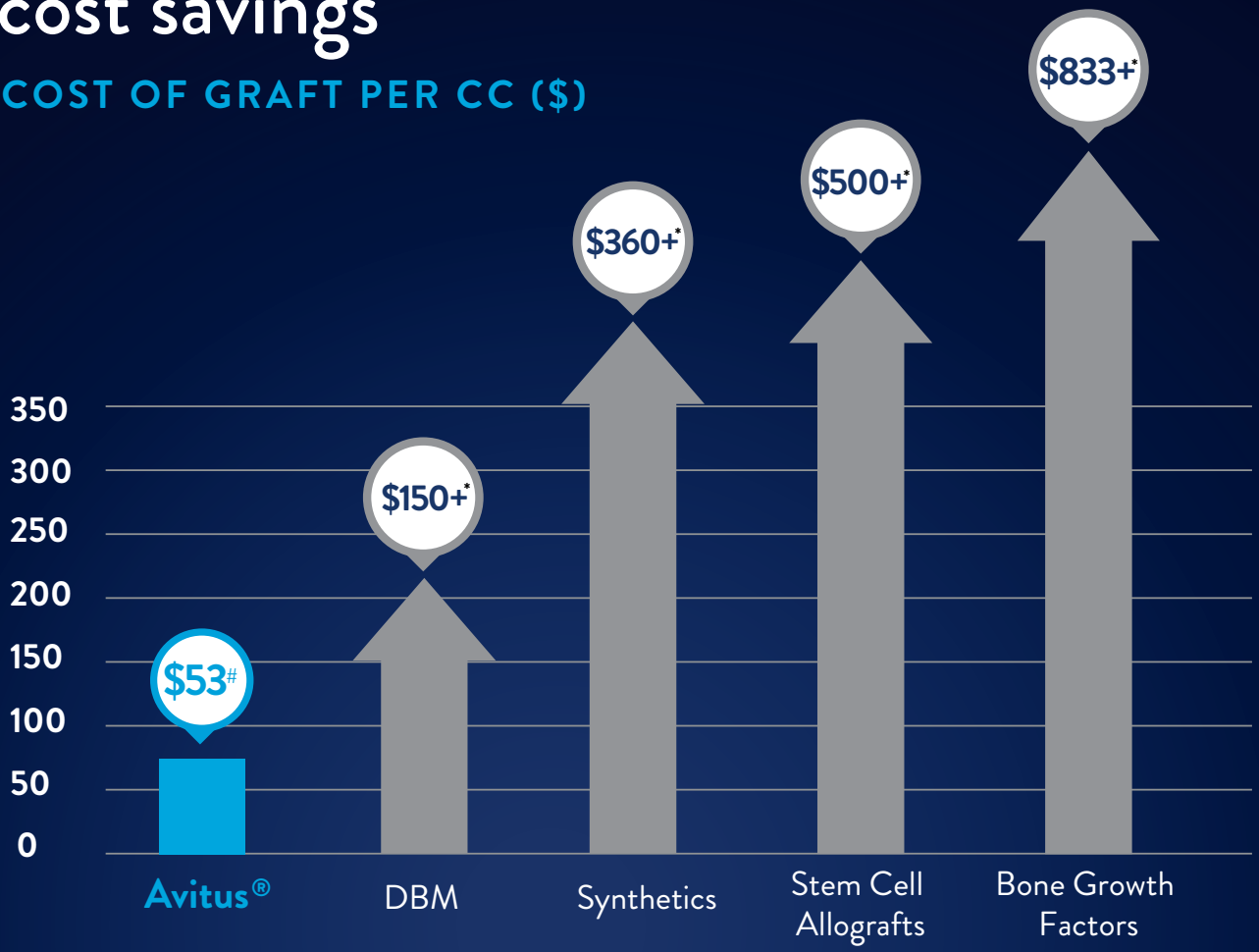
Abbreviations: ++++= strongest positive role; +++ = strong positive role; ++ = more positive role; + = weak positive role; - = no role; +/- = may play a role

Table adapted from Zipfel et al. [4]

The Avitus® Bone Harvester equips you with cancellous bone autograft & bone marrow for your patients.

cost savings

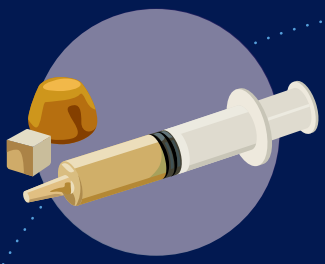
COST OF GRAFT PER CC ($)



Based on national average pricing and average potential harvest volume of cancellous bone by the **Avitus®** Bone Harvester.
* Pricing cost **does not** include added cost of BMAC (an additional $2,000 charge) furthering the cost savings **Avitus®** technology can provide.

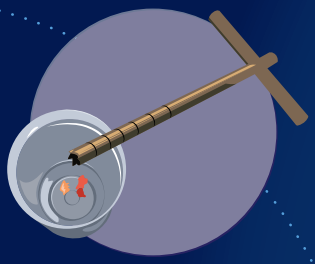
Volume of Biologics Replaced:	With the Avitus® You Save:	Savings Over 10 Cases:	Savings Over 100 Cases:
5cc	$900+	$9,000+	$90,000+
10cc	$3,400+	$34,000+	$340,000+
20cc	$8,400+	$84,000+	$840,000+
30cc	$13,400+	$134,000+	$1,340,000+

your current options aren't cutting it



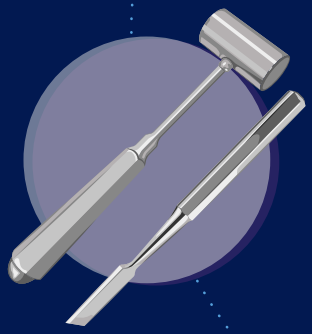
BIOLOGICS

Cost prohibitive
Not autologous bone
No CPT/RVU codes



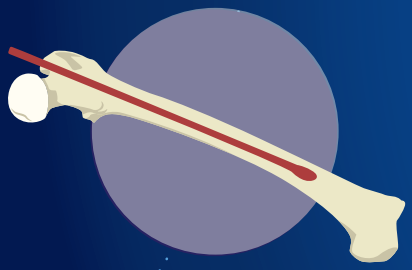
CORING REAMER / TREPHINE

Limited harvest volume of 5cc[5,6]
Services only low volume graft procedures
Cancellous bone harvesting only (cannot replace BMAC)
Additional cost for bone substitutes to extend limited volume



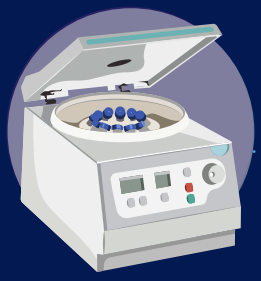
OPEN HARVESTING

Patient Morbidity[10-14]
Increased OR Time - ~35 min[14,15]
Secondary Invasive Incision[10-14]



INTRAMEDULLARY REAMER

Time consuming harvest - ~30 min[7]
Requires irrigation, potentially reducing biologic activity[8]
Services only high volume graft procedures
Lacks liquid marrow component



BMAC & SCAFFOLD

Requires additional cost for scaffold
Inferior to autologous cancellous bone[9]
Leaves the sterile field
Requires additional technician to spin marrow

the avitus® bone harvester

the **only** complete minimally invasive autograft harvesting system

- Harvest up to 50cc of autogenous cancellous bone and additional non-diluted bone marrow in 5 minutes or less
- Service all procedural applications from large to small
- Replace bone substitutes, biologics and associated costs
- 1.5 cm incision

CONTACT US

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references

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Refer to the device specific instructions for use for information on indications for use, contraindications, potential complications, warnings, and precautions.

PATENTS: www.avitusortho.com/patents

APM007.C 2023-03 (DCO-0409)