

Spartan BMA Solutions

Bone Marrow Aspiration (BMA) Devices & Systems

Captures Marrow with Platelets and Marrow-Derived Cells

Extremity Kits also available with **CellFuse**, a Revolutionary Carbohydrate Bone Graft Substitute

Spartan BMA System:

This system includes a closed tip to prevent infiltration of peripheral blood during the aspiration procedure as well as a mechanical means for a measured and controlled movement of the aspiration cannula within the marrow space.

Spartan BMA & Bone Harvesting System:

This system provides the additional benefit of harvesting bone dowels percutaneously for bone grafting procedures; hereby, reducing donor site morbidity without sacrificing the cellularity of the bone graft.



KEY FEATURES:

- Innovative aspiration needle with blocked distal tip prevents peripheral blood dilution, side vents aid in capture of pure marrow.
- Highest colony forming units (CFU-fs) compared to other bone marrow aspirate concentration (BMAC) systems (Scarpone et al.) NOTE: BMAC systems require 60mls of marrow and a 20-minute spin time.
- Short draw time (2-3 min), low volume required (only 8mls), reproducible extraction technique with 360 handle turn; retracts needle in 1cm increments during aspiration to mimic other successful aspiration techniques (Muschler et al.).
- FDA 510K Classification: K150563.



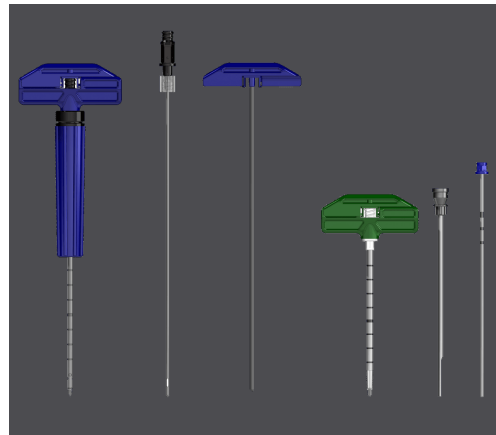
Spartan Medical Inc.
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Extremity Kits with CellFuse:

Extremity kits also available with CellFuse, a revolutionary carbohydrate synthetic bone graft substitute that can act as a resorbable scaffold when hydrated with marrow harvested by the included device.



Part No.	VA Contract Line Item # (CLIN)	DAPA Line Item # (DLIN)	Product Description
SM2IN	CLIN2389	DLIN3165	Bone Marrow Aspiration Device 13G, 2-inch Needle w/ graft delivery & accessories
SM3.5IN	CLIN2390	DLIN3166	Bone Marrow Aspiration Device 11G, 3.5-inch Needle w/ graft delivery & accessories
SM4.5IN	CLIN2391	DLIN3167	Bone Marrow Aspiration Device 11G, 4.5-inch Needle w/ graft delivery & accessories
SM2INB	CLIN2392	DLIN3168	Bone Marrow Aspiration Device 13G, 2-inch Needle & 4" Bone Core w/ graft delivery & accessories
SM3.5INB	CLIN2393	DLIN3169	Bone Marrow Aspiration Device 11G, 3.5-inch Needle & 4" Bone Core w/ graft delivery & accessories
SM4.5INB	CLIN2394	DLIN3170	Bone Marrow Aspiration Device 11G, 4.5-inch Needle & 4" Bone Core w/ graft delivery & accessories
SMFLEX	CLIN2395	DLIN3171	Flexible Bone Marrow Aspiration Device 11G, 3.5-inch & 4" Bone Core
SM2IN5G	CLIN2396	DLIN3172	Bone Marrow Aspiration Device (2in), Graft Delivery Kit, Drill Handle Adaptor, 5cc Cellfuse synthetic graft
SM2IN25	CLIN2397	DLIN3173	Bone Marrow Aspiration Device (2in), Graft Delivery Kit, Drill Handle Adaptor, 25mm x 25mm x 5mm Cellfuse synthetic graft
SM3.5IN5G	CLIN2398	DLIN3174	Bone Marrow Aspiration Device (3.5in), Graft Delivery Kit, Drill Handle Adaptor, 5cc Cellfuse synthetic graft
SM3.5IN10G	CLIN2399	DLIN3175	Bone Marrow Aspiration Device (3.5in), Graft Delivery Kit, Drill Handle Adaptor, 10cc Cellfuse synthetic graft
SM3.5IN25	CLIN2400	DLIN3176	Bone Marrow Aspiration Device (3.5in), Graft Delivery Kit, Drill Handle Adaptor, 25mm x 25mm x 5mm Cellfuse synthetic graft
SM3.5IN50	CLIN2401	DLIN3177	Bone Marrow Aspiration Device (3.5in), Graft Delivery Kit, Drill Handle Adaptor, 25mm x 50mm x 5mm Cellfuse synthetic graft



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