

Additond Table 1. Commercially-available demineralised bone matrix*

Source company	Product	DBM (%)	Carrier	Form	Indication
Allosource	AlloFuse	36 (putty), 29 (gel)	Reverse phase medium	Putty, gel	Bone void filler/ bone graft extender
Alphatech	AlphaGRAFT	80	Acellular matrix	Paste	Bone void filler
Amend Surgical	NanoFUSE	ND	45S5 bioactive glass	Putty	Bone void filler
Bactarin International	OsteoSelect	74	Carboxymethylcellulose, phosphate-buffered saline	Putty	Bone void filler
	Osteosponge	100	No carrier	Block, Disc, SC, strip filler	Bone void filler
Exactech	Altiva	ND	Gelatine	Paste	Bone void filler
	Optefil	24	Gelatine	Paste	Bone void filler
	Opteform	ND	Cortical and cancellous bone chips suspended in collagen-gelatine	Paste	Bone void filler
Integra	Accell Connexus	70	Poloxamer reverse phase medium	Putty	Bone void filler/ bone graft extender
	Accell Evo3	70	Poloxamer reverse phase medium and cancellous bone chips	Putty	Bone void filler
	Accell TBM	100	No carrier	Strip	Bone void filler/ bone graft extender
	DynaGraft III	ND	Poloxamer reverse phase medium	Putty, gel	Bone void filler/ bone graft extender
	OrthoBlast	ND	Poloxamer reverse phase medium	Paste	Bone void filler/bone
	OrthoBlast II	ND	Poloxamer reverse phase medium	Putty, paste	Bone void filler/bone
Lattice Biologics	H-GENIN	100	No carrier	Putty, crush-mix, spongeous blocks, powder	Nonmanipulated substance
LifeNet Health	Optium	ND	Glycerol	Putty, gel	Bone void filler
Medtronic	DBX	31 (putty), 26 (paste), 35 (mix), 45 (strip)	Hyaluronic acid	Putty, paste, mix, strip	Bone void filler
	GRAFTON		Unpublished	Gel, flex, putty, matrix, CRUNCH®, orthoblend, strips, paste	Bone void filler/ bone graft extender
	Osteofil	24	Collagen	Paste, strip	Bone void filler
	Progenix Plus	60	Collagen type 1 (bovine) and sodium alginate	Putty	Bone void filler/ bone graft extender/ bone graft substitute
	Progenix Putty	70	Collagen type 1 (bovine) and sodium alginate	Putty	Bone void filler/ bone graft extender/ bone graft substitute
	VIAGRAF	ND	Glycerol	Paste, strip	Bone void filler
Osteotech	Grafton	17 to 31	Glycerol	Paste, strip	Bone void filler/ bone graft extender/ bone graft substitute
Penta Biomedical	BioSet	24	Porcine gelatine	Paste, strip, disc, with or without cancellous bone chips	Bone void filler
RTI Surgical®, Inc.	BioSet DBM	24 by weight	Porcine gelatine	Paste, strip, disc, with or without cancellous chips	Bone void filler
Stryker	AlloCraft	80	Acellular matrix	Paste	Bone void filler
Wright Medical	Allomatrix	40 to 86	Calcium sulphate	Paste	Bone void filler/bone graft extender
	PRO-STIM	40	Calcium sulphate and calcium phosphate	Paste, putty	Bone void filler

Additioend Table 1.. Continued

Source company	Product	DBM (%)	Carrier	Form	Indication
Zimmer	Puros® DBM	10000	No carrier	Putty, putty with cortico-cancellous chips	Non 510(k) regulated – non-manipulated substance
Zimmer Biomet	InterGro	40 (putty), 35 (paste)	Lecithin	Putty, paste	Bone void filler/bone graft extender
NHS Blood & Transplant: Tissue and Eye services	DBM Powder	100	No carrier	Particle size–250–710 mm jar	Light and electrostatic - To be mixed with blood to enhance osteogenesis
	DBM Paste	55	Glycerol (v/v)	Paste. 1, 5, 10 mL blunt ended syringe	Bone void filler
	DBM Putty	65	Glycerol (v/v)	Putty. 1, 5, 10 mL blunt ended syringe	Bone void filler

Note: *Adapted from Shehadi and Elzein³⁶ and Zhang et al.³⁷ DBM: demineralised bone matrix; ND: no data; SC: subchondral.