



TORRENT™ & TORRENT C

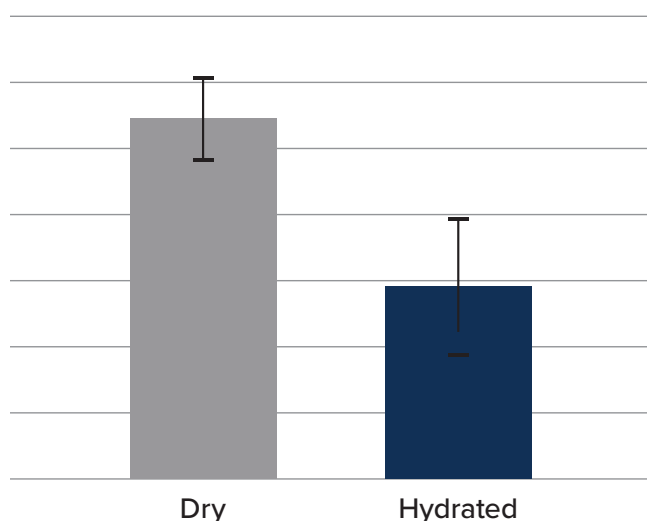
DRY DBM WITH ACCELL® BONE MATRIX
SALES BROCHURE

Torrent™ and Torrent C are advanced Demineralized Bone Matrix (DBM) putties packaged and sterilized in a dry state to improve the product's osteoinductive potential¹ and to allow surgeons the choice of re-constituting with saline, blood, or BMA. Torrent and Torrent C combines patented Accell® Bone Matrix (ABM) and particulate DBM with a reverse phase medium (RPM) carrier to create a DBM putty with superior handling and biphasic release of growth factors.



THE BENEFITS OF DRY DBM

Relative OI Potential of DBM



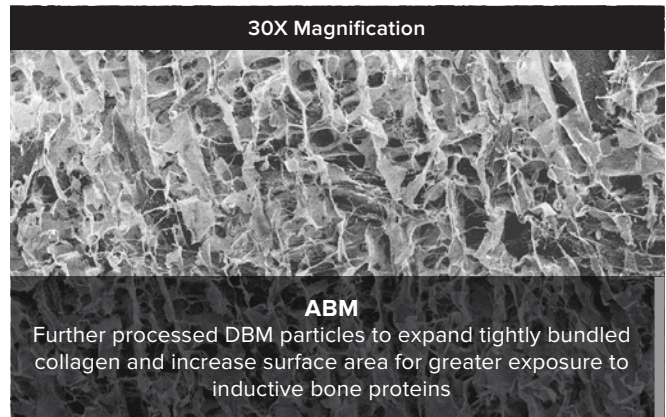
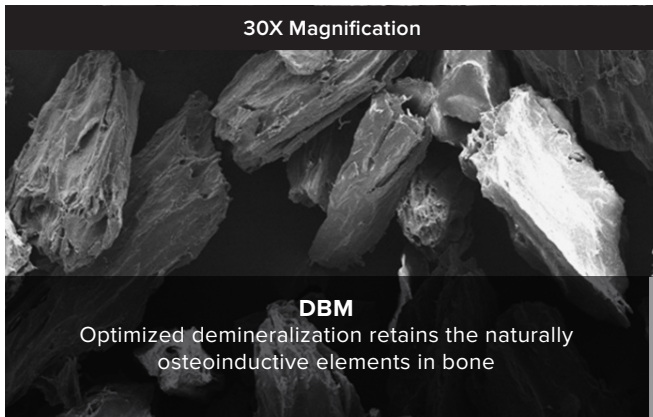
The Osteoinductive potential of dry DBM has been shown to be higher than traditional prehydrated DBM of the same formulation.

Rat intramuscular implantation at 28 days, single donor, n=4 per group, T-test analysis, p=0.03

TORRENT™ & TORRENT C

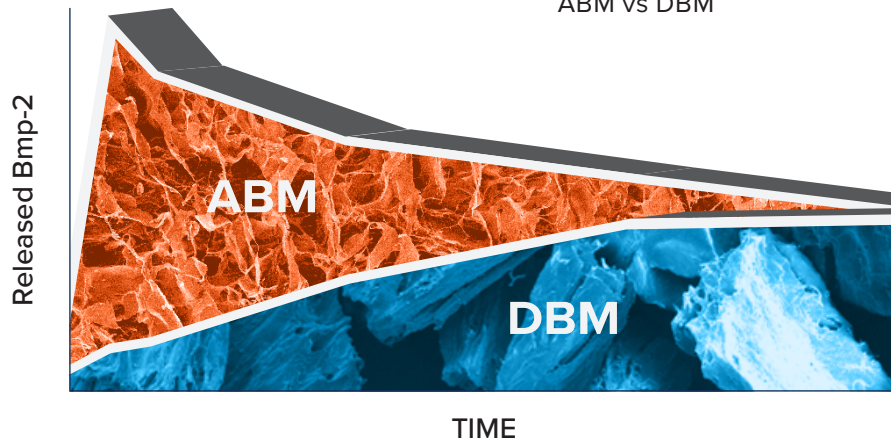
DRY DBM WITH ACCELL® BONE MATRIX

ISOTIS® PATENTED ACCELL® BONE MATRIX



Osteoinductive Potential *In Vitro* Measurement

ABM vs DBM



Biphasic Release of Growth Factors

The combination of ABM and particulate DBM provides both immediate and sustained accessibility to naturally occurring bone proteins important for osteogenesis.²

HANDLING & HYDRATION



Easy to mix, hydratable putty



Reverse Phase Medium (RPM)
Carrier for moldable handling and irrigation resistant delivery



Simple to hydrate with saline, blood, or BMA connected to product syringe



Scan the QR Code*
to see Torrent
& Torrent C
Hydration Technique

TORRENT™ & TORRENT C

DRY DBM WITH ACCELL® BONE MATRIX

PROCEDURAL INTEGRATION WITH RAPID®

- Predictable and controlled delivery for optimal graft placement
- Reusable intuitive design promotes increased OR efficiencies



Torrent™ Ordering Information

Part Number	Description	Size
05-7000-012	Dry DBM Putty with Accell	1.25cc
05-7000-025	Dry DBM Putty with Accell	2.5cc
05-7000-050	Dry DBM Putty with Accell	5cc
05-7000-100	Dry DBM Putty with Accell	10cc

Torrent C Ordering Information

Part Number	Description	Size
05-7100-012	Dry DBM Putty with Accell & Cancellous Bone	1.25cc
05-7100-025	Dry DBM Putty with Accell & Cancellous Bone	2.5cc
05-7100-050	Dry DBM Putty with Accell & Cancellous Bone	5cc
05-7100-100	Dry DBM Putty with Accell & Cancellous Bone	10cc

¹ Data on file

² Chnari, E; Javoroncov, M; Gertzman AA; Sunwoo MH; Dunn, MG, Bone Morphogenetic Protein 2 (BMP-2) Levels are Predictive of the Osteoinductive Potential of Demineralized Bone Matrix, 56th Annual Meeting of the Orthopaedic Research Society Poster No. 485.

* <https://vimeo.com/691594243>

For more information or to place an order, please contact:
 TEL 866.942.8698 | FAX 877.558.6227
 customerservice@seaspine.com | seaspine.com

Outside USA

TEL + 1.760.727.8399 | FAX + 1.760.727.8809
 INTERNATIONAL INQUIRIES intlcustomer@seaspine.com
 ALL OTHER INQUIRIES customerservice@seaspine.com

IsoTis OrthoBiologics, Inc.
 2 Goodyear, Irvine CA 92618
 TEL 800.550.7155 | FAX 800.471.3248 | WEB seaspine.com
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