

Puros® Demineralized Bone Matrix

The Preferred Choice For Moldable Allograft



Pre-mixed for ready-to-use convenience



Stable in fluid environment to resist graft migration



Malleable for easy molding into various shapes

REGENERATIVE SOLUTIONS

1 Pure and Aimed at Natural

Puros Demineralized Bone Matrix (DBM) Putty and Putty with Chips, including their carrier, are 100% processed allograft tissue

Every donor lot of DBM utilized for Puros DBM Putty and Putty with Chips is tested for osteoinductive (OI) potential in an in vivo ectopic rat assay after irradiation*¹

2 Excellent Handling

Ready-to-use moldable formulation aims at offering excellent handling and time-saving convenience

Pliable putty maintains its form and resists migration in fluid environment

Convenient dispenser for easy extrusion and/or delivery of pre-mixed, ready-to-use putty

3 Sterilized to SAL 10⁻⁶

Sterilized to SAL 10⁻⁶ through Cancell® SP DBM sterilization process which includes low-temperature, low-dose gamma irradiation



ZIMMER BIOMET
Your progress. Our promise.™

Puros® Demineralized Bone Matrix

THE PREFERRED CHOICE FOR MOLDABLE ALLOGRAFT

100% LOT TESTED FOR OSTEOINDUCTIVE POTENTIAL

- Every donor lot of DBM utilized for Puros DBM Putty is tested for osteoinductive (OI) potential in an in vivo ectopic rat assay after irradiation*¹
- Only lots of DBM powder that demonstrate bone formation and no significant inflammatory response are utilized for processing*² (Fig. 1)

100% ALLOGRAFT

- Puros Demineralized Bone Matrix (DBM) Putty and Putty with Chips, including their carrier, are 100% allograft bone
- No dilutive effect of allograft carrier on osteoinductive potential: no significant difference in OI score between DBM powder and Puros DBM Putty (with allograft carrier) in the donors tested*²

STRINGENT QUALITY STANDARDS

- Manufacturer meets FDA and AATB (American Association of Tissue Banks) donor screening and testing requirements
- Puros DBM Putty is terminally sterilized to SAL 10⁻⁶ using low-temperature, low-dose gamma irradiation which has not been shown to significantly impact the OI score results in an in vivo rat assay*³

Ordering Information

Catalog Number	Description
8955	Puros Demineralized Bone Matrix Putty, 0,5 cc
8956	Puros Demineralized Bone Matrix Putty, 1 cc
8957	Puros Demineralized Bone Matrix Putty, 2 cc
8958	Puros Demineralized Bone Matrix Putty with Chips, 0,5 cc
8959	Puros Demineralized Bone Matrix Putty with Chips, 1 cc
8960	Puros Demineralized Bone Matrix Putty with Chips, 2 cc

* Findings from an in vivo rat assay are not necessarily predictive of human clinical results.

¹ Urist MR. Bone: Formation by autoinduction. Science. 1965;150:893-899.

² Osteoinductivity of Puros® DBM Putty in athymic rat model. White paper available from RTI Biologics, Inc.

³ Effect of terminal gamma sterilization on osteoinductivity. White paper available from RTI Biologics, Inc.

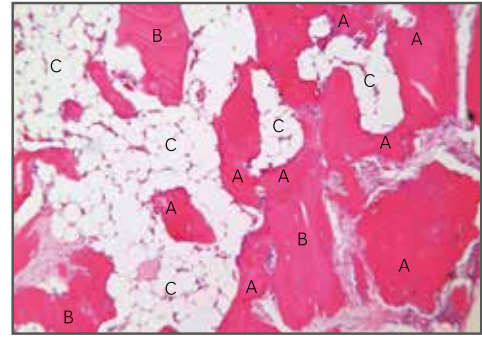


Fig. 1: A= New bone; B= DBM; C= Fatty marrow

Bone formation demonstrated by histology from in vivo rat assay using final-packaged, terminally sterilized Puros DBM



Fig. 2 Pre-op: severely resorbed mandible.



Fig. 3 Significant bone loss.



Fig. 4 Puros DBM Putty with Chips and Pericardium Membrane.



Fig. 5 Primary closure achieved.

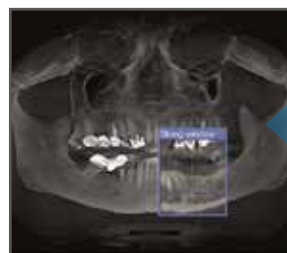


Fig. 6 Six months post-op: guided bone regeneration.

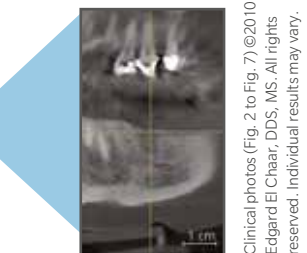


Fig. 7 Close-up of restored vertical height.

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