Synthes is pleased to offer allograft tissue for bone grafting and ridge augmentation. Synthes allograft tissue is derived from human bone and provides effective clinical outcomes for patients.
Synthes Allograft Tissue. Bone grafting tissue forms.

Regeneration Materials
The allograft tissue forms available through Synthes are processed by The Musculoskeletal Transplant Foundation (MTF). MTF’s standards are set by a Medical Board of Trustees composed of more than 40 surgeons from world renowned academic institutions. MTF has maintained an exemplary safety record since their inception in 1987—having distributed almost 4.2 million allografts from nearly 80,000 donors.

Features
– Ready to use, no thawing required
– Rehydrates quickly
– Easy to handle
– Three-year shelf life

Indications
– Filling of extraction sites
– Ridge augmentation and reconstruction
– Filling peri-implant defects
– Filling bony defects and cysts
– Elevating the maxillary sinus floor

Powders and Granules

**Powders**
Demineralized Cortical Powder

<table>
<thead>
<tr>
<th>Volume</th>
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</thead>
<tbody>
<tr>
<td>020075</td>
<td>0.25 cc</td>
</tr>
<tr>
<td>020076</td>
<td>0.5 cc</td>
</tr>
<tr>
<td>020077</td>
<td>1 cc</td>
</tr>
<tr>
<td>020078</td>
<td>3 cc</td>
</tr>
</tbody>
</table>

Mineralized Cancellous Powder

<table>
<thead>
<tr>
<th>Volume</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>020172</td>
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<tr>
<td>020173</td>
<td>1 cc</td>
</tr>
<tr>
<td>020174</td>
<td>2.5 cc</td>
</tr>
</tbody>
</table>

**Granules**

Demineralized Cortical (80%)/ Cancellous (20%) Granules

<table>
<thead>
<tr>
<th>Volume</th>
<th>Range</th>
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</thead>
<tbody>
<tr>
<td>020038</td>
<td>0.5 cc 0.5–3 mm</td>
</tr>
<tr>
<td>020039</td>
<td>1 cc 0.5–3 mm</td>
</tr>
</tbody>
</table>

Mineralized Cortical (80%)/ Cancellous (20%) Granules

<table>
<thead>
<tr>
<th>Volume</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>020191</td>
<td>0.5 cc 0.1–2 mm</td>
</tr>
<tr>
<td>020192</td>
<td>1 cc 0.1–2 mm</td>
</tr>
</tbody>
</table>
DBM Putty

– High bone content – 93% by volume
– Moldable with excellent handling properties
– Naturally derived carrier is biocompatible and biodegradable
– Resists movement under irrigation
– Maintains physical integrity
– Ready-to-use*

Osteoinductive potential** and is osteoconductive

DBM Putty has osteoinductive potential and is osteoconductive. An athymic mouse study, based on the Urist intramuscular model, confirmed histologically that DBM Putty has osteoinductive potential. In addition, the variety of particle sizes provides an osteoconductive matrix. Each final lot of DBM Putty is validated in vivo or in vitro to verify its osteoinductive potential.

Carrier characteristics

Sodium hyaluronate naturally occurs in the joints, eyes, extracellular matrix of skin and musculoskeletal tissue of the human body. Sodium hyaluronate plays an essential role in cell proliferation, migration and adhesion. Sodium hyaluronate is proven to be extremely safe. MTF uses high-quality medical grade sodium hyaluronate, ISO 13485 certified, produced through fermentation processes under GMP guidelines. The sodium hyaluronate used in DBM Putty is not sourced from living organisms.

Applications

– Filling of extraction sites
– Ridge augmentation
– Repair of traumatic defects of the alveolar ridge, excluding maxillary and mandibular fractures
– Filling resection defects in benign tumors, benign cysts, or other osseous defects in the alveolar ridge wall
– Filling of cystic defects
– Filling of lesions of periodontal origin
– Filling of defects of endodontic origin

* DBM Putty is packaged in a glass syringe and must be extruded into a sterile basin, not directly into the operative site. The syringe is NOT an applicator.

** It is unknown how the osteoinductive potential, measured in the athymic mouse model or the alkaline phosphatase assay, will correlate with clinical performance in human subjects.
References


Additional products and sizes are available upon request. For more information, please contact your local Sales Consultant, our Dentoalveolar Surgery Products Reference line at 1-800-824-2020, or e-mail: dento@synthes.com