

# Biomaterials

## Product Catalog

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Bone Graft • Membrane • Sutures • Wound Dressing

Allograft • Xenograft • Synthetic



**Biomaterials**

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Product specifications are subject to change without notice.  
 Items illustrated are not to scale.  
 Some products may not be available in certain countries.

<b>DynaBlast®</b>	Description	Size	Catalog #
	Paste, syringe	0.5 cc	<b>10.210.1050</b>
	Paste, syringe	1.0 cc	<b>10.210.1060</b>
	Paste, syringe	3.0 cc	<b>10.210.1070</b>
	Putty, vial	1.0 cc	<b>10.220.1030</b>
	Putty, vial	2.5 cc	<b>10.220.1040</b>
	Putty, vial	5.0 cc	<b>10.220.1050</b>

<b>DynaGraft-D®</b>	Description	Size	Catalog #
	Gel, syringe	0.5 cc	<b>10.110.1050</b>
	Gel, syringe	1.0 cc	<b>10.110.1060</b>
	Gel, syringe	5.0 cc	<b>10.110.1070</b>
	Putty, vial	1.0 cc	<b>10.120.1050</b>
	Putty, vial	2.5 cc	<b>10.120.1060</b>
	Putty, vial	5.0 cc	<b>10.120.1070</b>



- Mineralized cancellous bone chips with DBM in Reverse Phase Medium
- Powerful 2-in-1 combination of osteoconductive and osteoinductive elements in a carrier that thickens at body temperature and resists irrigation
- Available in paste and putty formulations



- Combination of Demineralized Bone Matrix (DBM) and Reverse Phase Medium (RPM) providing osteoinductive properties with excellent handling for stimulating bone growth
- Can be used alone or as a bone graft extender
- Available in gel and putty formulations

**Accell Connexus®**

Description	Size	Catalog #
Putty, syringe	0.5 cc	<b>10.310.1050</b>
Putty, syringe	1.0 cc	<b>10.310.1060</b>
Putty, syringe	2.5 cc	<b>10.310.1070</b>
Putty, syringe	5.0 cc	<b>10.310.1080</b>

**DynaCore®**

Description	Particle Size	Volume	Catalog #
Cortical Powder	212-850µm	0.25 cc	<b>401204</b>
Cortical Powder	212-850µm	0.5 cc	<b>401205</b>
Cortical Powder	212-850µm	1.0 cc	<b>401206</b>
Cortical Powder	212-850µm	3.0 cc	<b>401207</b>
Cancellous Powder	212-850µm	0.5 cc	<b>401201</b>
Cancellous Powder	212-850µm	1.0 cc	<b>401202</b>
Cancellous Powder	212-850µm	2.5 cc	<b>401203</b>
80:20 Cortical/Cancellous	200-1000µm	0.5 cc	<b>401208</b>
80:20 Cortical/Cancellous	200-1000µm	1.0 cc	<b>401209</b>
80:20 Cortical/Cancellous	200-1000µm	2.0 cc	<b>401210</b>



- Advanced bone grafting, built on a strong foundation
- Combines DBM and Reverse Phase Medium with Accell Technology to create Accell Bone Matrix (ABM)
- Patented dispersed form of DBM which offers a significant increase in surface area which provides access to natural bone proteins delivering osteoinductive properties



- Available in mineralized cortical, cancellous, and 80:20 cortical/cancellous mix formulations
- Packs well into any shape defect for surgical flexibility
- Rehydrates for use alone or as a bone graft extender
- Scaffold maintains space and volume of the defect site
- Provides osteoconductive scaffold to encourage the attachment of osteogenic precursor cells
- Gradual resorption and replacement with patient's own bone
- Conveniently stored at ambient temperature

**OCS-B®**

Description	Size	Catalog #
Small granules particulate, vial	0.25 g	<b>NB-1-0210-025</b>
Small granules particulate, vial	0.5 g	<b>NB-1-0210-050</b>
Small granules particulate, vial	1.0 g	<b>NB-1-0210-100</b>
Small granules particulate, vial	2.0 g	<b>NB-1-0210-200</b>
Small granules particulate, syringe	0.25 g	<b>NB-L1-0210-025</b>
Small granules particulate, syringe	0.5 g	<b>NB-L1-0210-050</b>
Small granules particulate, bowl	0.25 g	<b>NB-S1-0210-025</b>
Small granules particulate, bowl	0.5 g	<b>NB-S1-0210-050</b>
Small granules particulate, bowl	1.0 g	<b>NB-S1-0210-100</b>
Small granules particulate, bowl	2.0 g	<b>NB-S1-0210-200</b>
Large granules particulate, vial	0.25 g	<b>NB-1-1020-025</b>
Large granules particulate, vial	0.5 g	<b>NB-1-1020-050</b>
Large granules particulate, vial	1.0 g	<b>NB-1-1020-100</b>
Large granules particulate, vial	2.0 g	<b>NB-1-1020-200</b>
Large granules particulate, syringe	0.25 g	<b>NB-L1-1020-025</b>
Large granules particulate, syringe	0.50 g	<b>NB-L1-1020-050</b>
Large granules particulate, bowl	0.25 g	<b>NB-S1-1020-025</b>
Large granules particulate, bowl	0.50 g	<b>NB-S1-1020-050</b>
Large granules particulate, bowl	1.0 g	<b>NB-S1-1020-100</b>
Large granules particulate, bowl	2.0 g	<b>NB-S1-1020-200</b>



- Pure cancellous hydroxyapatite derived from bovine bone by specific chemical and thermal process
- Osteoconductive to enhance bone formation
- Biocompatible
- Available in 0.2 – 1.0 mm / 1.0 – 2.0 mm particle sizes

**MBCP™**

Description	Size	Catalog #
Small granules particulate, vial, 1-pack	0.5 cc	<b>BT-0401G50</b>
Small granules particulate, vial, 1-pack	1.0 cc	<b>BT-9901G01</b>
Small granules particulate, syringe, 1-pack	0.5 cc	<b>BT-0401GS50</b>
Large granules particulate, vial, 1-pack	5.0 cc	<b>BT-0802G05</b>

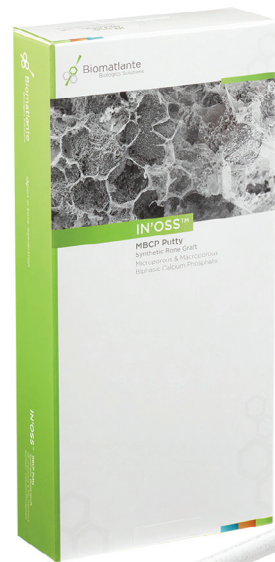


- Homogenous distribution of 60% HA (Hydroxyapatite) and 40%  $\beta$ -TCP (Beta-TriCalcium Phosphate) crystalline structure
- 100% regeneration into a new lamellar or haversian bone
- New vascularized, mineralized and architectural bone
- Available in .05 – 1.0 mm / 1.0 – 2.0 mm granule sizes

In'Oss™	Description	Size	Catalog #
	Putty, syringe	0.5 ml	<b>BT-1002PU50DE</b>
	Putty, syringe	1.0 (2 x 0.5) ml	<b>BT-1001PU01DE</b>

Dynamatrix®	Description	Size	Catalog #
	1-pack	15 x 20 mm	<b>10.401.1520</b>
	1-pack	20 x 30 mm	<b>10.401.2030</b>
	1-pack	30 x 40 mm	<b>10.401.3040</b>
	5-pack	15 x 20 mm	<b>10.405.1520</b>
	5-pack	20 x 30 mm	<b>10.405.2030</b>
	5-pack	30 x 40 mm	<b>10.405.3040</b>

Dynamatrix® Plus	Description	Size	Catalog #
	1-pack	10 x 20 mm	<b>10.501.1020</b>
	1-pack	10 x 30 mm	<b>10.501.1030</b>
	1-pack	20 x 40 mm	<b>10.501.2040</b>
	5-pack	10 x 20 mm	<b>10.505.1020</b>
	5-pack	10 x 30 mm	<b>10.505.1030</b>
	5-pack	20 x 40 mm	<b>10.505.2040</b>



- Built on the MBCP technology. Combination of MBCP granules – Hydroxyapatite (HA), Beta Tri-Calcium Phosphate (β-TCP) – in a hydrogel carrier
- Ready to use
- Biocompatible and absorbable



- Intact, naturally occurring Extracellular Matrix (ECM) designed to remodel soft tissue
- Flexible enough to be rolled or folded, yet strong enough to be sutured or tacked
- Easily cut when dry, but will not tear when wet
- Choice of thickness; DynaMatrix Plus is twice the thickness of standard DynaMatrix
- Naturally bioactive membrane

**Cytoplast™ RTM Collagen**

Description	Size	Catalog #
Type I bovine collagen	15 x 20 mm, 2/box	<b>RTM1520</b>
Type I bovine collagen	20 x 30 mm, 2/box	<b>RTM2030</b>
Type I bovine collagen	30 x 40 mm, 2/box	<b>RTM3040</b>



- Highly purified Type 1 bovine achilles tendon ensures patient safety
- Resorption profile of 26-38 weeks
- Unique fiber orientation that increases tensile strength; suture and tack friendly

**Cytoplast™ Textured**

Description	Size	Catalog #
TXT-200 Singles	12 x 24 mm, 10/box	<b>TXT1224</b>
TXT-200	12 x 24 mm, 1/Box	<b>TXT1224-1</b>
TXT-200	25 x 30 mm, 4/box	<b>TXT2530</b>
TXT-200	25 x 30 mm, 1/box	<b>TXT2530-1</b>

**Cytoplast™ Titanium-Reinforced**

Ti-150 Anterior Narrow	12 x 24 mm, 2/box	<b>Ti150ANL-2</b>
Ti-150 Anterior Single	14 x 24 mm, 2/box	<b>Ti150AS-2</b>
Ti-150 Buccal	17 x 25 mm, 2/box	<b>Ti150BL-2</b>
Ti-150 Posterior Single	20 x 25 mm, 2/box	<b>Ti150PS-2</b>
Ti-150 Posterior Single, T2	25 x 36 mm, 2/box	<b>Ti150PST-2</b>
Ti-150 Posterior Large	25 x 30 mm, 2/box	<b>Ti150PL-2</b>
Ti-150 Posterior Large, T2	30 x 41 mm, 2/box	<b>Ti150PLT-2</b>
Ti-250 Anterior Narrow	12 x 24 mm, 2/box	<b>Ti250ANL-2</b>
Ti-250 Anterior Single	14 x 24 mm, 2/box	<b>Ti250AS-2</b>
Ti-250 Buccal	17 x 25 mm, 2/box	<b>Ti250BL-2</b>
Ti-250 Posterior Single	20 x 25 mm, 2/box	<b>Ti250PS-2</b>
Ti-250 Posterior Single, T2	25 x 36 mm, 2/box	<b>Ti250PST-2</b>
Ti-250 Posterior Large	25 x 30 mm, 2/box	<b>Ti250PL-2</b>
Ti-250 Posterior Large, T2	30 x 41 mm, 2/box	<b>Ti250PLT-2</b>
Ti-250 Extra Large	30 x 40 mm, 2/box	<b>Ti250XL-2</b>

**Cytoplast™ GBR**

GBR-200 Singles	12 x 24 mm, 10/box	<b>GBR1224</b>
GBR-200	25 x 30 mm, 4/box	<b>GBR2530</b>



- Non-resorbable 100% dense (non-expanded) PTFE membrane creates a soft tissue barrier as long as needed
- Soft tissue attaches to the membrane, while no soft tissue can grow through the membrane

**Cytoplast™ Sutures**

Description	Size	Catalog #
Undyed RC, USP 2-0	19 mm, 12/box	<b>CS0418</b>
Undyed RC, USP 3-0	16 mm, 12/box	<b>CS0518</b>
Undyed RC, USP 3-0	19 mm, 12/box	<b>CS051819</b>
Undyed Precision RC, USP 4-0	16 mm, 12/box	<b>CS0618RC</b>
Undyed TP, USP 4-0	13 mm, 12/box	<b>CS0618PERIO</b>
Undyed Precision RC, USP 4-0	13 mm, 12/box	<b>CS0618PREM</b>



RC - 3/8 Circle Reverse Cutting

TP - 1/2 Circle Round-Bodied



- 100% medical grade PTFE that is biologically inert
- Monofilament design prevents bacteria wicking
- Soft texture for patient comfort
- Reduced “package memory” for excellent handling and knot security



**Glycolon™ Sutures**

Description	Size	Catalog #
Violet TP18, USP 4-0	18mm, 12/box	<b>OD01101</b>
Violet RC16, USP 4-0	16mm, 12/box	<b>OD01201</b>
Violet RC18, USP 4-0	18mm, 12/box	<b>OD01203</b>
Violet RC13 black needle, USP 5-0	13mm, 12/box	<b>OD01210</b>
Violet RC16 black needle, USP 5-0	16mm, 12/box	<b>OD01211</b>
Violet RC18 black needle, USP 5-0	18mm, 12/box	<b>OD01212</b>
Violet GR22 black needle, USP 5-0	22mm, 12/box	<b>OD01300</b>
Violet TP16, USP 5-0	16mm, 12/box	<b>OD01100</b>
Undyed RC18, USP 5-0	18mm, 12/box	<b>OD01202</b>
Undyed RC13, USP 6-0	13mm, 12/box	<b>OD01200</b>
Violet RC13, USP 6-0	13mm, 12/box	<b>OD01213</b>

**Glycolon™  
 Micro Suture**

Violet TP10, USP 6-0	10mm, 12/box	<b>OD01102</b>
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RC - 3/8 Circle Premium Reverse Cutting

TP - 1/2 Circle Round-Bodied

GR - Straight Round-Bodied



- PGA - PCL copolymer (polyglycolic acid and polycaprolactone)
- Monofilament construction prevents bacterial wicking into surgical sites
- Maintains 50% tensile strength for 11 - 13 days\*

\*In Vivo data on file.



**PGA Resorba™ Sutures**

Description	Size	Catalog #
Violet HRT18, USP 4-0	18mm, 12/Box	<b>OD03100</b>
Violet DSM18, USP 4-0	18mm, 12/Box	<b>OD03202</b>
Violet ART25, USP 4-0	25mm, 12/Box	<b>OD03600</b>
Violet DSM13, USP 5-0	13mm, 12/Box	<b>OD03201</b>
Violet HR17, USP 5-0	17mm, 12/Box	<b>OD03500</b>
Violet DS18, USP 5-0	18mm, 12/Box	<b>OD03400</b>
Violet HRT10, USP 6-0	10mm, 12/Box	<b>OD03101</b>
Violet DSM13, USP 6-0	13mm, 12/Box	<b>OD03200</b>
Violet DSM11, USP 6-0	11mm, 12/Box	<b>OD03203</b>
Violet DSM7, USP 6-0	7mm, 12/Box	<b>OD03205</b>
Violet HRT7, USP 7-0	7mm, 12/Box	<b>OD03102</b>
Violet DSM11, USP 7-0	11mm, 12/Box	<b>OD03204</b>
Violet DSM7, USP 7-0	7mm, 12/Box	<b>OD03206</b>



DSM - 3/8 Circle Premium Reverse Cutting

DS - 3/8 Circle Standard Reverse Cutting

HRT - 1/2 Circle Round-Bodied Cutting



- PGA (polyglycolic acid)
- Special resolactone coating reduces soft tissue drag
- Maintains 50% tensile strength for up to 21 days\*
- Available in USP 4/0 to USP 7/0
- 300 series stainless steel needles
- Suture Length: 45 cm

\*In Vivo data on file

**Cytoplast™ RTMPlug**

Description	Size	Catalog #
RTM Plug	1cm x 2cm, 10/Box	<b>RTMPLUG10</b>

**Cytoplast™ RTMTape**

Description	Size	Catalog #
RTM Tape	2.5cm x 7.5cm x 1mm (thick), 10/Box	<b>RTMTAPE10</b>

**Cytoplast™ RTMFoam**

Description	Size	Catalog #
RTM Foam	2cm x 4cm x 3mm (thick), 10/Box	<b>RTMFOAM10</b>



- Purified collagen derived from bovine tissue
- Protects wound bed and aids in wound healing
- Resorbed within 30 days



**Keystone Dental, Inc.**  
**Global Headquarters**

154 Middlesex Turnpike  
Burlington, MA 01803 USA  
General Inquiries: 781-328-3600  
Customer Relations: 866-902-9272 or 781-328-3490  
Fax: 866-903-9272 or 781-328-3400  
Email: [info@keystonedental.com](mailto:info@keystonedental.com)



Caution, consult accompanying documents

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