



# Dental Catalog

# The biologic solutions clinicians prefer, delivering the trusted results they expect.

Maxxeus has been available since 1990 and provides safe and high quality options for the best clinical outcome. With decades of expertise in providing biologics to the dental market, we understand the needs of the implanting clinician. Because we focus exclusively on biologics, Maxxeus can provide our customers and their patients with the best regenerative biologics options available.

We provide a large portfolio of biologics that has been developed specifically to meet our customer's needs. With a robust Process, Engineering and Development program, Maxxeus uses science and innovation to develop the newest technologies. Our portfolio continues to expand as innovative technologies develop and techniques evolve.



Solvita's commitment to our donors, their families and tissue recipients, combined with innovative technology, safety and trusted leadership, has allowed us to be the allograft provider of choice for over 30 years.

## Allograft Sterility

Grafts labeled as **STERILE R** have been sterilized to a Sterility Assurance Level (SAL) of  $10^{-6}$  in their final packaging following ISO 11137 Method 2B. A  $10^{-6}$  SAL means the probability of a graft being non-sterile is 1 in 1,000,000. Solvita chose Method 2B and employed a two-media approach for conducting sterility testing because it represents a conservative methodology, well suited for the variations of bioburden inherent in human tissue.

## Testing

Prior to clearance for processing, donor medical records, including the donor's medical and social history, physical assessment and autopsy results (if performed), as well as all other recovery documentation, are reviewed by Solvita's Medical Directors. All Solvita donors are tested for transmissible diseases using FDA-licensed, approved, or cleared donor screening test kits. Additionally, each individually recovered tissue undergoes pre-processing microbiological cultures to ensure pathogenic organisms are not introduced to the processing environment.

## Processing

All musculoskeletal tissue grafts recovered by our tissue centers and recovery partners across the United States are processed in Ohio and then distributed around the world from our headquarters. Strict processing procedures are performed by Solvita to ensure quality and safe tissue grafts for transplantation. Solvita complies with standards and regulations from the American Association of Tissue Banks (AATB), Food and Drug Administration (FDA) and many other state health departments.

## Licenses & Accreditation

Solvita is registered with the FDA, accredited by the AATB, and maintains all applicable state licenses. Solvita is ISO 13485 certified. For access to all of our licenses and certificates, please visit our website at [www.maxxeus.com/licenses](http://www.maxxeus.com/licenses).

# About Our Donors

Tissue donors are selfless and give their final life gift – a gift that gives someone else a life-saving or life-enhancing transplant. Solvita admires, respects and is truly grateful for all tissue donors and their families.

In 2023, Solvita and our partners have recovered tissue from more than 12,000 donors and distributed more than 1.17 million grafts to communities around the world.

All musculoskeletal grafts recovered by our tissue centers and partner Organ Procurement Organizations (OPOs) across the United States are processed at Solvita. All of Solvita's valued OPO partners are trained and audited by Solvita to ensure recovery operations are compliant with all applicable regulations.

- All partners performing recoveries for Solvita are registered with the FDA as an HCT/P establishment
- All donors are recovered using aseptic technique in an environment that meets or exceeds the standards set by the FDA, AATB, and Solvita's Standard Operating Procedures
- All donors are recovered within the United States

As an added measure of safety, and to reduce the risk of transmission of Creutzfeldt-Jakob disease (CJD), Solvita does not recover tissue from the spinal column or Dura, as these areas have a higher potential for carrying the prion associated with CJD transmission.

## Allograft Bone Particulates

Maxxeus leads the dental industry in offering the widest variety of bone types and particulate ranges to suit any clinician's preference. A variety of volumes are offered to give the clinician complete control over the quantity used in every procedure.



## Allograft Bone Particulates in Dappen Dishes

### Cortical Min./Demin. Blend

Cortical Mineralized/Demineralized Blend is a premium graft offering which combines approximately 70% mineralized cortical bone with 30% demineralized cortical bone in an optimal mixture for rapid bone regeneration.

### Corticocancellous

Corticocancellous bone combines mineralized dense cortical bone and porous cancellous bone in one graft.

### Cancellous

Cancellous bone, also known as spongy or trabecular bone, allows for increased blood flow around a graft site.

### Cortical

Cortical bone is dense compact bone that will maintain space in a graft site. Slower resorption time than cancellous bone means this graft is good for maintaining space.

### Cortical Demineralized

Removing the majority of the mineral content of the bone, primarily calcium, exposes biologically active bone morphogenetic proteins that promotes an osteoinductive reaction at the graft site.

Product	Particulate Size	0.25 cc	0.5 cc	1.0 cc	2.0 cc
Cortical Mineralized/ Demineralized Blend	0.25-1.00mm	—	MM005	MM010	MM020
Corticocancellous	0.25-0.50mm	MQ025	MQ005	MQ010	MQ020
	0.25-1.00mm	MH025	MH005	MH010	MH020
	0.5-1.0mm	MZ025	MZ005	MZ010	MZ020
Cancellous	0.25-0.50mm	MR025	MR005	MR010	MR020
	0.25-1.00mm	MK025	MK005	MK010	MK020
	0.5-1.0mm	MA025	MA005	MA010	MA020
Cortical	0.125-0.850mm	MN025	MN005	MN010	MN020
	0.25-0.50mm	MG025	MG005	MG010	MG020
	0.25-1.00mm	MB025	MB005	MB010	MB020
	0.5-1.0mm	ME025	ME005	ME010	ME020
Cortical Demineralized	0.125-0.850mm	MD025	MD005	MD010	MD020
	0.25-0.50mm	MC025	MC005	MC010	MC020
	0.5-1.0mm	MY025	MY005	MY010	MY020

# Allograft Bone Particulates in Jars

Product	Particulate Size	0.25 cc	0.5 cc	1.0 cc	2.0 cc
Cortical Mineralized/ Demineralized Blend	0.25-1.00mm	—	DM005	DM010	DM020
Corticocancellous	0.25-0.50mm	DQ025	DQ005	DQ010	DQ020
	0.25-1.00mm	DH025	DH005	DH010	DH020
	0.5-1.0mm	DZ025	DZ005	DZ010	DZ020
Cancellous	0.25-0.50mm	DR025	DR005	DR010	DR020
	0.25-1.00mm	DK025	DK005	DK010	DK020
	0.5-1.0mm	DA025	DA005	DA010	DA020
	1.0-2.0mm	—	DL005	DL010	DL020
Cortical	0.125-0.850mm	DN025	DN005	DN010	DN020
	0.25-0.50mm	DG025	DG005	DG010	DG020
	0.25-1.00mm	DB025	DB005	DB010	DB020
	0.5-1.0mm	DE025	DE005	DE010	DE020
	1.0-2.0mm	—	DX005	DX010	DX020
Cortical Demineralized	0.125-0.850mm	DD025	DD005	DD010	DD020
	0.25-0.50mm	DC025	DC005	DC010	DC020
	0.5-1.0mm	DY025	DY005	DY010	DY020



## Graft Mixing Bowl

Product	Code
Graft Mixing Bowl	IGMBO

## Allograft

# DBM Products

Demineralized Bone Matrix (DBM) products are processed by removing the mineral components of bone with acid, leaving behind the extracellular matrix composed of collagen and non-collagenous proteins, including growth factors. The presence of these growth factors provides osteoinductive potential. At the same time, the geometry of the collagen matrix has the potential to provide varying degrees of osteoconductivity, providing the optimal signaling and scaffold for bone growth.

## DBM Putty



Product	0.5 cc	1.0 cc	2.5 cc
DBM Crunch Putty	—	4990-40	4991-40
DBM Putty	3060-40	3061-40	3062-40

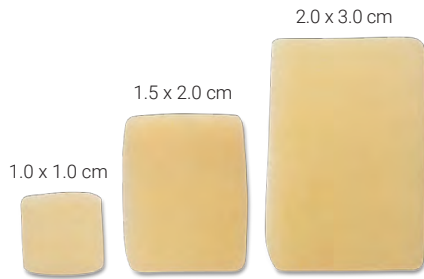
## DBM Fibers



Product	0.5 cc	1.0 cc	2.5 cc
DBM Fibers	4996-12	3612-12	3613-12

DBM Product	Composition	Bone Growth Properties	Preparation	Handling Characteristics
DBM Crunch Putty & DBM Putty	<ul style="list-style-type: none"> <li>Crunch Putty is composed of cortical and cancellous bone</li> <li>Putty is composed of cortical bone</li> <li>No added carrier</li> </ul>	<ul style="list-style-type: none"> <li>Osteoconductive properties</li> <li>Each lot verified for osteoinductivity</li> </ul>	<ul style="list-style-type: none"> <li>Ready to use out of the package</li> <li>Pre-loaded in a syringe</li> </ul>	<ul style="list-style-type: none"> <li>Resists irrigation</li> </ul>
Fibers	<ul style="list-style-type: none"> <li>Fibers is composed of cortical bone</li> <li>No added carrier</li> </ul>	<ul style="list-style-type: none"> <li>Osteoconductive properties</li> <li>Osteoinductive potential</li> </ul>	<ul style="list-style-type: none"> <li>Quickly rehydrates with customizable hydration options</li> </ul>	<ul style="list-style-type: none"> <li>User controlled graft consistency</li> <li>Moldable</li> </ul>





Actual Size

Product	1.0 x 1.0 cm	1.5 x 2.0 cm	2.0 x 3.0 cm
Laminar Bone	D0101	D0152	D0203

## Allograft

### Laminar Bone

Maxxeus Laminar Bone is a thin but mechanically strong demineralized cortical sheet that naturally resorbs, negating the need for retrieval. It can be used to replace a buccal wall in an augmentation procedure, as well as any craniomaxillofacial procedure where a flexible yet mechanically strong membrane is chosen.



## Synthetic OsteoMaxx Plug

Product	0.6 x 2.5 cm	1.0 x 2.0 cm
OsteoMaxx Plug	XA625	XA120

*Maxxeus OsteoMaxx Plug is provided 5 per pack.*



Allograft

# Acellular Dermal Matrix

Maxxeus Acellular Dermal Matrix grafts are available in 5 different sizes at 3 thicknesses to meet clinicians needs: Thin (0.4-0.8mm), Medium (0.8-1.2mm), and Thick (1.2-1.6mm).

- 100% Allograft tissue
- Stored at ambient temperature
- 2-minute reconstitution time

Product	Thickness	1.0 x 1.0 cm	1.0 x 2.0 cm	1.0 x 4.0 cm	2.0 x 2.0 cm	2.0 x 4.0 cm
Acellular Dermal Matrix	0.4-0.8mm	AP101	AP102	AP104	AP202	AP204
	0.8-1.2mm	AM101	AM102	AM104	AM202	AM204
	1.2-1.6mm	AL101	AL102	AL104	AL202	AL204





# Allograft Barrier Membranes

## BioXclude® by Snoasis Medical

BioXclude® is a minimally manipulated dehydrated human deepithelialized amnion-chorion membrane that serves as a stand-alone barrier membrane in a variety of dentoalveolar, oral/maxillofacial, periodontal, and endodontic procedures.

BioXclude® is thin and adaptable, making fixation, trimming, and precise placement is not necessary. With over 285 identified growth factors, cytokines and chemokines, the bioactive advantages have been shown to aid in healing, promote angiogenesis, modulate the inflammatory process, and accelerate flap reattachment.



Product	8.0 x 8.0 mm	12.0 x 12.0 mm	10.0 x 20.0 mm	15.0 x 20.0 mm	15.0 x 25.0 mm	20.0 x 30.0 mm
BioXclude®	GB0808	GB1212	GB1020	GB1125	GB1525	GB1235

## Pericardium



Product	1.0 x 1.0 cm	1.5 x 2.0 cm	2.0 x 3.0 cm
Pericardium	DP101	DP152	DP203

## Fascia



Product	1.0 x 1.0 cm	1.5 x 2.0 cm	2.0 x 3.0 cm
Fascia	DF101	DF152	DF203

# Xenograft Bone Particulates in Jar



Product	Particulate Size	0.25 g	0.5 g	1.0 g	2.0 g
Cancellous	0.25-1.00mm	XK005 (0.54 cc)	XK010 (1.08 cc)	XK020 (2.16 cc)	XK040 (4.32 cc)
	1.0-2.0mm	—	XL020 (2.0 cc)	XL040 (4.0 cc)	XL080 (8.0 cc)

# Xenograft Bone Particulates in Syringe



Product	Particulate Size	0.25 cc	0.5 cc
Cancellous	0.25-1.00mm	OK025	OK005
	1.0-2.0mm	—	OL005

# Xenograft Barrier Membranes



## MaxxMem®

Product	1.5 x 2.0 cm	2.0 x 3.0 cm	3.0 x 4.0 cm
MaxxMem®	XC152	XC203	XC304



## MaxxMem+®

Product	1.5 x 2.0 cm	2.0 x 3.0 cm	3.0 x 4.0 cm
MaxxMem+®	XP152	XP203	XP304



## MaxxDerm®

Product	1.5 x 2.0 cm	2.0 x 3.0 cm	3.0 x 4.0 cm
MaxxDerm®	XD152	XD203	XD304



## MaxxDerm+®

Product	1.5 x 2.0 cm	2.0 x 3.0 cm	3.0 x 4.0 cm
MaxxDerm+®	XE152	XE203	XE304

Product	Material Source	Handling (Conformability)	Strength (Suture Pull Avg)	Resorption Time
MaxxMem®	Porcine Tendon	Moderate	Low (0.28 kg)	4-6 Months
MaxxMem+®	Porcine Peritoneum	High (Very Drapable)	High (0.83 kg)	3-4 Months
MaxxDerm®	Porcine Dermis	Moderate	Moderate (0.46 kg)	6-9 Months
MaxxDerm+®	Porcine Dermis	Low (Space Maintaining)	High (0.67 kg)	9-12 Months

## Xenograft Wound Dressings

MaxxCote®, MaxxPlug® and MaxxTape® are absorbent, porous, collagen matrices engineered from purified collagen derived from bovine dermis tissue.

- Applied directly to the wound and used to protect the wound and delicate new tissue
- Aids in wound healing
- Resorbs within thirty days of placement
- Ten individually packaged per box

Maxxeus Wound Dressings are indicated for use for the management of denture sores, oral ulcers (non-infected or viral), periodontal surgical wounds, suture sites, burns, extraction sites and traumatic wounds. Wound Dressings are available in cote, plug or tape form.

Product	Size	Code
MaxxCote®	2.0 x 4.0 x 0.3 cm	XCOTE
MaxxPlug®	1.0 x 2.0 cm	XPLUG
MaxxTape®	2.5 x 7.5 x 0.1 cm	XTAPE

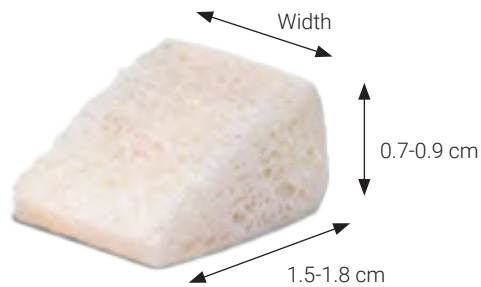
*Maxxeus Wound Dressings are provided 10 per pack.*



# Allograft

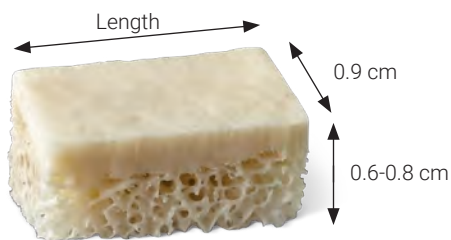
## Structural Grafts

Platform grafts are instrumental in bone volume regeneration for severe bone atrophy cases that require an increase in initial stability for an implant site.



### J-Platform

Product	1.0 cm	1.5 cm
J-Platform	DJ010	DJ015



### Unicortical Platform

Product	1.2 cm	1.5 cm
Unicortical Platform	DU912	DU915

# Supplies

## Sutures

PGCL				Suture Size			
Needle	Material	Color	Length	6-0	5-0	4-0	3-0
FS-2 (C6) 19.0 mm - 3/8 Circle Reverse Cutting	Monofilament	Violet	18.0" (45.0 cm)	-	SCFS-25	SCFS-24	SCFS-23
FS-3 (C22) 16.0 mm - 3/8 Circle Reverse Cutting	Monofilament	Violet	18.0" (45.0 cm)	SCFS-36	-	-	-
P-3 (C3) 13.0 mm - 3/8c Premium Reverse Cutting	Monofilament	Undyed	18.0" (45.0 cm)	SCP-36	SCP-35	-	-
PC-3 16.0 mm - 3/8c Premium Cosmetic Conventional Cutting	Monofilament	Violet	18.0" (45.0 cm)	SCPC-36	-	-	-
PS-2 (PC31) 19.0 mm - 3/8 Circle Premium Reverse Cutting	Monofilament	Undyed	18.0" (45.0 cm)	-	SCPS-25	-	-
PS-2 (PC31) 19.0 mm - 3/8 Circle Premium Reverse Cutting	Monofilament	Violet	18.0" (45.0 cm)	-	-	SCPS-24	-

PGLA				Suture Size			
Needle	Material	Color	Length		5-0	4-0	3-0
FS-2 (C6) 19.0 mm - 3/8 Circle Reverse Cutting	Braided	Violet	18.0" (45.0 cm)	-	-	SLFS-24	SLFS-23
P-3 (C3) 13.0 mm - 3/8 Circle Premium Reverse Cutting	Braided	Violet	18.0" (45.0 cm)	-	SLP-35	SLP-34	-

PP				Suture Size			
Needle	Material	Color	Length		5-0	4-0	3-0
P-3 (C3) 13.0 mm - 3/8 Circle Premium Reverse Cutting	Monofilament	Blue	18.0" (45.0 cm)	-	SPP-35	-	-

PTFE				Suture Size			
Needle	Material	Color	Length		5-0	4-0	3-0
FS-2 (C6) 19.0 mm - 3/8 Circle Reverse Cutting	Monofilament	White	24.0" (60.0 cm)	-	-	-	STFS-23
FS-3 (C22) 16.0 mm - 3/8 Circle Reverse Cutting	Monofilament	White	24.0" (60.0 cm)	-	-	STFS-34	STFS-33
P-3 (C3) 13.0 mm - 3/8 Circle Premium Reverse Cutting	Monofilament	White	24.0" (60.0 cm)	-	STP-35	STP-34	-
PS-2 (PC31) 19.0 mm - 3/8 Circle Premium Reverse Cutting	Monofilament	White	24.0" (60.0 cm)	-	-	STPS-24	-
TF 13.0 mm - 1/2 Taper Point	Monofilament	White	24.0" (60.0 cm)	-	-	STTF-04	-

Maxxeus PTFE sutures have a CobraBlack® matte finish.









Silk				Suture Size			
Needle	Material	Color	Length		5-0	4-0	3-0
FS-2 (C6) 19.0 mm - 3/8 Circle Reverse Cutting	Braided	Black	18.0" (45.0 cm)	-	-	SSFS-24	SSFS-23

All sutures are packaged 12 units per package.



# Common Procedures Guide

Common procedures for each graft are listed below. These recommendations are based off of Maxxeus dental customers' tissue usage reporting and are not inclusive of all procedures and graft usages. Final graft usage is at the clinician's sole discretion.

Graft Type		Socket Preservation	Immediate Implant Placement	Periodontal Defect	Sinus Augmentation	Ridge Augmentation
Allograft Bone Particulates 		●	●	●	●	●
Xenograft Bone Particulates 		●	●		●	●
DBM Putty 		●	●	●	●	●
DBM Fibers 		●	●	●	●	●
Barrier Membrane 		●	●	●	●	●
Laminar Bone 		●	●	●	●	●
Block Graft 						●
Wound Dressing 	Denture Sores, Oral Ulcers (Non-Infected or Viral), Periodontal Surgical Wounds, Suture Sites, Burns, Extraction Sites, Traumatic Wounds					

Graft Volume		Socket Preservation	Immediate Implant Placement	Periodontal Defect	Sinus Augmentation	Ridge Augmentation
0.25 cc		●	●	●		
0.5 cc		●	●	●		
1.0 cc		●	●	●		●
2.0 cc		●			●	●

# Ordering Information

With a dedicated customer service team and sales representatives around the world, we provide premium service to all our customers no matter the size of your practice.

- All grafts will be delivered UPS Ground unless requested otherwise at the time of ordering.
- Orders shipping via air will ship same day if order is received before 5pm EST, Monday through Friday.
- All other orders ship next business day, excluding holidays.
- Place orders via telephone at 800-684-7783 Monday through Friday 8am-7pm EST.
- Place orders online 24/7 at [www.maxxeusdental.com](http://www.maxxeusdental.com).
- All orders require a major credit card to ensure processing and shipment. We accept Visa, Mastercard and American Express.



Computer/Tablet/Mobile  
[www.maxxeusdental.com](http://www.maxxeusdental.com)




Toll-Free Phone  
800-684-7783

# Return Policy

- All return orders require a Return Authorization (RA) number before product may be returned for credit. Please contact the Maxxeus Customer Service Team to obtain a RA number.
- Products may be returned within 30 days of order, providing the integrity of the products and packaging has not been compromised.
- All return orders are subject to a re-stocking fee of \$50 for each order returned for credit. This fee will help cover resources that were used to service the graft request.

Order your Maxxeus grafts today  
and receive free UPS Ground  
Shipping on orders over \$600.



**Solvita's Kettering - Research Park location** is one of the most advanced facilities in the world devoted exclusively to the research, production and distribution of allografts. Designed and built from the ground up with quality and safety in mind, the building houses 30 ISO Class 5 certified rooms and over 5,000 square feet of Process, Engineering, and Development space.

