



DSI DENTAL
SOLUTIONS

Regenerative Solutions 2023/2024

www.dsisrael.com

Biomaterials

Regenerative solutions

Syntoss Bone Graft Material

Syntoss Synthetic Bone Graft Material is used as a filler and scaffold to facilitate bone formation and promote wound healing. This graft is bioresorbable and has no antigen-antibody reaction. Original Syntoss is 60% β -tricalcium phosphate and 40% hydroxyapatite.

DSI Syntoss Plus is 100% pure β -tricalcium phosphate.

A Syntoss Multi-Layer granules formula consists of β -tricalcium phosphate (20%) / hydroxyapatite (80%) in polylactide glycolide matrix. The inner layer contains sodium hyaluronate.

DSI SYNTOSS BONE

Product	Ref:
Multi-layer 1.0cc, Bits in vial	BG47799
Granules 0.25cc, Bits in vial	BG47702
Granules 0.5cc, Bits in vial	BG47705
Granules 1.0cc, Bits in vial	BG47710
Granules 2.0cc, Bits in vial	BG47720
Granules 5.0cc, Bits in vial	BG47750
Blocks 5.0x5.0mm, 4 pcs	BG470505
Blocks 5.0x10.0mm, 2 pcs	BG47510
Cones Ø5.0 / H 15.0mm, 2 pcs	BG47515
Cones Ø7.0 / H 17.0mm, 2 pcs	BG47717
Pure Granules 0.5cc, Bits in vial	BG97705
Bone Graft Syringe 0.5cc + Solvent Syringe 0.25cc	BG47075
Sponge SynGraft, 5 blister/box	DS-SG1020



Syntoss Resorbable Collagen Membrane

Made of collagen of synthetic origin. Interfiber structure was reconstructed by cross-linking the polypeptide chains. Used in oral surgery and periodontal surgery to prevent epithelium growth.

DSI SYNTOSS BIO MEMBRANE

Product	Ref:
Small, 15x15mm	SM780310
Medium, 25x25mm	SM780327
Large, 30x40mm	SM780334

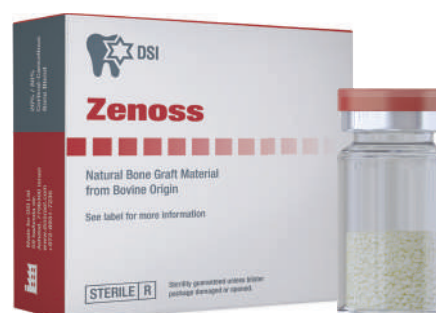


Zenoss Bone Graft from Bovine Origin*

Based on a bovine 20/80 cortical-cancellous bone mineral matrix, making it perfect choice use in guided bone regeneration procedures. This bone is specially treated to make it sterile and totally biocompatible. Physical properties (i.e., composition, morphology, and resorbability) are exceptionally reproducible.

DSI ZENOSS BONE

Product	Ref:
Granules 0.25cc, Bits in vial	ZG47702
Granules 0.5cc, Bits in vial	ZG47705
Granules 1.0cc, Bits in vial	ZG47710
Granules 2.0cc, Bits in vial	ZG47720
Granules 5.0cc, Bits in vial	ZG47750
Granules 1.0cc, Chips in vial	ZGC40100
Granules 2.0cc, Chips in vial	ZGC40200
Blocks 5.0x5.0mm, 4 pcs	ZG470505
Blocks 5.0x10.0mm, 2 pcs	ZG47510
Cones Ø5.0 / H 15.0mm, 2 pcs	ZG47515
Cones Ø7.0 / H 17.0mm, 2 pcs	ZG47717
Bone Graft Syringe 0.5cc	DS-ZP05
Bone Graft Syringe 1.0cc	DS-ZP10
Bone Graft Syringe NEW 1.0cc	DS-ZP10N
Bone Graft Syringe NEW 2.0cc	DS-ZP20N
Sponge ZenGraft, 5 blister/box	DS-ZG1020



Resorbable Conforming Barrier Membrane*

DSI Zenoss Membrane is an easy to use, cohesive collagen membrane that allows quick rehydration and protects the healing environment over a slow absorption that lasts between four and six months. All the desired properties of an effective barrier membrane for GBR and GTR procedures of all kinds.

DSI ZENOSS BIO MEMBRANE

Product	Ref:
Small, 15x15mm	ZM780410
Medium, 25x25mm	ZM780427
Large, 30x40mm	ZM780434



*לא למכירה בישראל

Syntoss Sponge Graft

Revolutionary product, which has a two-phase composition of pure bovine collagen and calcium phosphate/hydroxyapatite formula due to which it retains its resemblance to natural bone. DSI Sponge Graft is used as a protection and temporary filler of the post-extraction socket during early implantation, or as a regenerative material that promotes the formation of new bone during delayed implantation. Sterile, every unit is packaged individually.

DSI SPONGE GRAFT

Product	Ref:
Blister, 5 pcs/box	DS-SG1020




- Preservation of the hole and crest.
- Ridge preservation.
- Periodontal defects.
- Defects around the implant.
- Defects after resection, cystectomy.



Scan the QR-code for explanatory video

SPONGE GRAFT DEDICATED TOOL

Product	Ref:
	SGTOOL

Sponge ZenGraft*

DSI Sponge Zengraft – a next step in bone grafting procedures. With a two-phase composition of bovine tendon collagen type I, impregnated with deproteinized bovine xenograft, Sponge Zengraft is suitable for repair of any kind of bone defect – with a faster healing period compared to a synthetic version.

DSI SPONGE ZENGRAFT

Product	Ref:
Blister, 5 pcs/box	DS-ZG1020



Scan the QR-code for explanatory video

*לא למכירה בישראל

Mineral bone graft

Coross – the ideal alternative to bovine and human-derived products.

The coross biomimetic bone graft made from the mineral exoskeleton of corals, that are growing in state-of-art seawater farms under a strict control, with Close-Circuit water system and special nutrition.

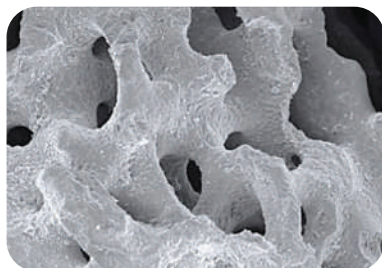
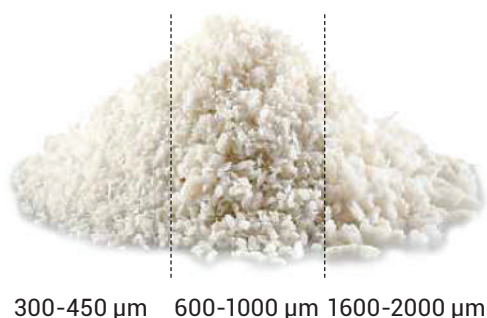
Corals, used for the Coross bone graft, are grown in a controlled aquarium system. Coross graft material is comprised of the pure mineral part of the coral. It consists of calcium carbonate crystals (>95%) in the form of aragonite enriched with essential non-organic substances that are known to play an essential role in the bone mineralization process and the activation of enzymatic reactions with osteogenic cells.

- Attractive to bone cells and stimulates new bone growth and connectivity.
- Stronger Up to 3 times than synthetic bone.
- Optimal porous structure enables vascularity ingrowth and new bone formation.
- Biodegradable: Remodels by osteoclastic activity.
- Cancellous coral types mix – for the optimal bone formation and remodeling.
- No biological risks, no marine pollution.

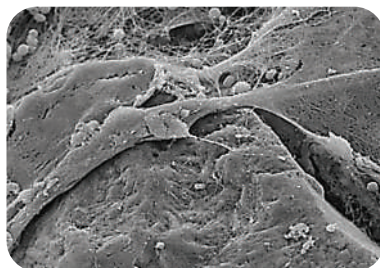


COROSS BONE

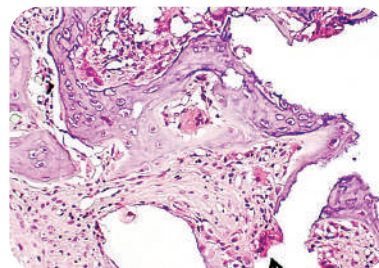
Product	Granules Size	Ref:
Small, 0.5cc	300-450 μm	CB05-S
Medium, 0.5cc	600-1000 μm	CB05-M
Small, 1.0cc	300-450 μm	CB10-S
Medium, 1.0cc	600-1000 μm	CB10-M
Large, 1.0cc	1600-2000 μm	CB10-L
Medium, 2.0cc	600-1000 μm	CB20-M
Large, 2.0cc	1600-2000 μm	CB20-L



3D Through Porous Structure
Bioactive surface and interconnected pores in optimal dimensions for ingrowth of blood vessels and bone deposition.



Bone Deposition into Pores
Mineralized matrix of cortical bone is deposited on the surface of coral mineral. Ingrown blood vessel inside a pore of Coross graft.



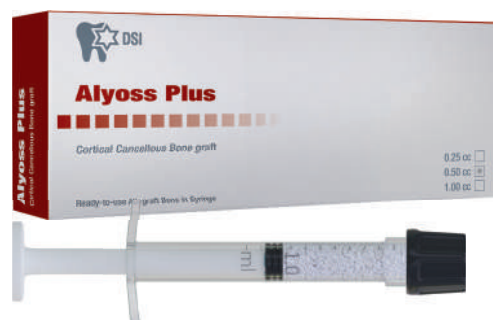
Bone Cells Attracted by Coross
Layers of strained active osteoprogenitor cells attached to bioactive coral mineral surface (in 48 hours after grafting in vivo).

Allograft in Syringe*

DSI Alyoss cortical cancellous bone graft is applicable in cases where a scaffold and longer resorption is required. As with all DSI bone grafting materials, the source bone is prepared applying stringent standards and only registered tissue banks are used for the graft production. It results in the unique combination that gives this product the ideal cell structure of cortical, with the open scaffold and support offered by cancellous bone types.

DSI ALYOSS PLUS

Product	Ref:
Syringe 0.25cc	AG25
Syringe 0.5cc	AG50
Syringe 1.0cc	AG100



Composition:

70 % / 30 % Cortical /Cancellous.

Resorbable Soft Tissue Matrix*

DSI Zenoss Matrix Bio+ is a modern generation collagen matrix membrane that has no equals in the dental industry. It is a natural acellular membrane matrix engineered from highly purified type I collagen that offers a safe alternative to autologous tissues. DSI Zenoss Matrix Bio+ supports revascularization, fast soft tissue integration and is a valid alternative for patients' own soft or connective tissue grafts. The simultaneous degradation of the matrix and the collagen production of adhering fibroblasts lead to a complete substitution of DSI Zenoss Matrix Bio+ by the newly formed host tissue.

DSI ZENOSS MATRIX BIO

Product	Ref:
Plug, matrix Ø 8.0 mm	DS-ZMP08
Plug, matrix Ø 12.0 mm	DS-ZMP12
Small, matrix 10x30mm	DS-ZMM10
Medium, matrix 15x20mm	DS-ZMM15
Large, matrix 20x30mm	DS-ZMM20



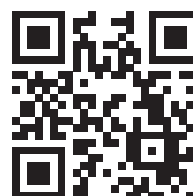
*לא למכירה בישראל

VirusSeal Gel

- Guarantees sealing of the gaps and hollow spaces of implants.
- Eliminates risk of peri-implantitis infection caused by possible germ accumulation.
- Antibiotics-free bacteria-resisting formula.
- Ideal for screw-retained and cemented restorations.

DSI VIRUSEAL GEL

Product	Ref:
Syringe 0.5 ml, 5 tips	VSEAL



Scan the QR-code
for explanatory
video

Periodontal Biogel

It was originally created for treatment of periodontitis, gingivitis and stomatitis. It can be used to relieve swelling and inflammation of the tissues in the surgical dentistry, trauma, fractures, splinting of the jaws.

DSI SYNTOSS BIOGEL

Product	Ref:
Syringe 3.0 ml	DSBIO



Surgical Repair Glue

DSI Repio Glue is designed with a two-component formula purified bovine serum albumin (BSA) and glutaraldehyde based – material that makes sutures, sealants, staples, electrocautery, and patches old-fashioned and obsolete. All you need is 120 seconds for sealing and stopping the blood. Can be used at vertical and hard to reach areas, as well as be applied to seal and/or reinforce damaged Cells.

DSI REPIO GLUE

Product	Ref:
Dual Syringe 1.0 ml	DSI-BIOG

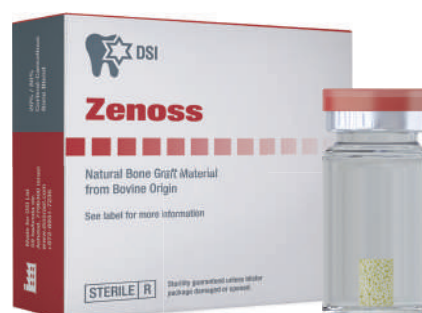


Zenoss Bone Graft Ring*

Three-dimensional bone grafting using custom-milled bone ring transplant – introducing Zenoss Ring. The ring allows immediate implant placement and bone augmentation in one step. The use of a ring eliminates the need for a second surgical procedure, shortens total treatment time and increases patient acceptance.

This bone ring transplant can be used successfully in most defects, including large 4-, 3-, 2-, and one-wall defects, as well as vertical augmentation procedures, including sinus lifting.


- Predictable bone augmentation.
- No need to harvest bone, so the associated risk of infection, donor-site morbidity and pain can be avoided.
- Improved initial implant stability.
- Successful in ridge defects, effective in sinus floor elevations.
- Decreases the overall number of procedures and treatment time is reduced for a satisfying patient experience.





DSI ZENOSS BONE RING

Product	For implant Ø (mm)	Ref:
Bone Ring Ø 6.0 / H 10.0mm, 1 pcs in vial	3.0-3.5	ZGR33160
Bone Ring Ø7.0 / H 10.0mm, 1 pcs in vial	3.3-3.75	ZGR33170
Bone Ring Ø7.0 / H 10.0mm, 1 pcs in vial	4.0-4.5	ZGR33174

BONE RING GRAFT HOLDER

Product	Ref:
	BRH

BONE RING DRILL

Product	Type	H (mm)	Ø (mm)	Ref:
	Trephine Drill	32.0	8.0	TRBG-08
	Plain Reamer	25.0	7.0	PTR-70

*לא למכירה בישראל

Non-resorbable PTFE Membrane

Non-Reinforced PTFE membrane

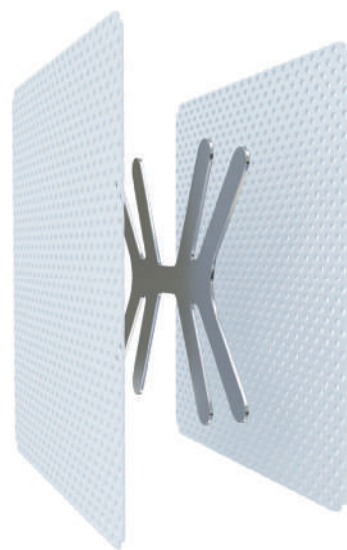
An essential part of the guided bone & tissue regeneration process, PTFE Non-resorbable membranes, made of microporous high-density polytetrafluoroethylene (PTFE) material, are biologically inert and chemically non-reactive, which makes them an ideal choice for many applications in the oral environment.

- Does not resorb prematurely – you dictate healing time.
- Impervious to bacteria (pore size less than 0.3 μm).
- Textured surface increases membrane stabilization.

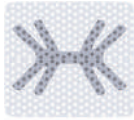

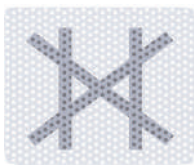



Reinforced PTFE membrane

This innovative, hybrid design consists of a thin layer of expanded PTFE laminated to a textured PTFE membrane. In between these two layers lies a titanium framework. The titanium framework is a grade of titanium that has little to no memory. Once formed, the titanium-reinforced membrane will remain in that shape until mechanically altered.

Designed for periodontal applications, large defects, and defects missing adequate bony architecture. Engineered to withstand exposure.



PTFE MEMBRANE

H (mm)	20.0	25.0	30.0
L (mm)	25.0	30.0	40.0
Titanium-Reinforced			
	PM2025A	PM2530A	PM3040A
H (mm)	20.0	25.0	30.0
L (mm)	25.0	30.0	40.0
Non-Reinforced			
	PN2025	PN2530	PN3040

Absorbable Sponges

Extraction & Hemostasis

Hemostatic Sponge Cubes

DSI Sponge is manufactured from highly purified first extract grade gelatin material. It is used in a wide range of surgical procedures, where traditional hemostatic measures are irrelevant, or inappropriate.

DSI Sponge absorbs approximately 40-50 times of its weight of liquid and adheres easily to the bleeding site. DSI Sponge is non-toxic, hypoallergenic, does not provoke any immune reaction, and 100% biocompatible.

The product comes in individually packaged cubes in sterile blisters, each intended for single use only.

Size: 10x10x10mm.



DSI SPONGE

Product	Ref:
Sterile cubes in blister, 32 pcs	DSP-32

Hemostatic Sponge Cubes

DSI Dental Absorbable Collagen Sponges are non-sterile, surgical sponges prepared from a specially treated gelatin material.

DSI Dental Sponges are made to aid in providing hemostasis (cessation of bleeding). DSI Dental Sponges may be used either dry or moistened, depending upon conditions present at operation and preference of the surgeon.

Due to its ability to absorb the blood up to 40 times its weight, while pharmaceutical gelatin effectively helps the wound to stop bleeding.

Size: 10x10x10mm.



DSI SPONGE NON STERILE

Product	Ref:
Non-sterile cubes in jar, 50 pcs	DSP-50

Silver Sponge

DSI Silver Sponge offers both haemostatic and bactericidal effect. The material is a gelatin sponge presaturated with colloidal silver. The colloidal silver in DSI Silver Sponge is a powerful weapon against a broad range of microorganisms found in the oral cavity, even including antibiotic-resistant bacteria.

DSI Sponge absorbs approximately 40-50 times of its weight of liquid and adheres easily to the bleeding site. DSI Sponge is non-toxic, hypoallergenic, does not provoke any immune reaction, and 100% biocompatible.

The product comes in individually packaged cubes in sterile blisters, each intended for single use only.

Block size: 7x7x14mm.

Cube size: 10x10x10mm.



DSI SILVER SPONGE

Product	Ref:
Sterile block in blister, 24 pcs	DSPS-24
Non-sterile cubes in jar, 50 pcs	DSSP-50



Sponge Plus with iodoform

DSI Sponge Plus works as a disinfectant, that allocates iodine when in a contact with living tissues, providing anti-microbial action, has astringent and anti-inflammatory properties and enables the formation of granulation tissue. It is fully absorbed in a few weeks.

DSI Sponge Plus absorbs approximately 40 times its weight of liquid and adheres easily to the bleeding site. The material does not provoke an immune reaction, and 100% biocompatible.

DSI SPONGE PLUS

Product	Ref:
Non-sterile cubes in jar, 50 pcs	DSPP-50



DSI Pure Sponge

DSI presents PureSponge, a highly porous absorbable collagen material used as a hemostatic agent and wound dressing in a wide array of oral surgical procedures, designed to help protect, repair and heal oral wounds. Prevents the stop of blood thinner intake in heart patients, prior to any dental surgical procedure. Made from purified 100% bovine collagen type 1.

- Three convenient shapes for common oral wounds and procedures.
- Protects the wound bed.
- An absorbable matrix supports newly formed tissue.
- Designed to resorb in 3 weeks short timeframe.










Scan the QR-code for explanatory video

Packaging options:

- In a sterile blister, 10 pieces.
- Individually packaged in sterile blister.



DSI PURE SPONGE 100% BOVINE COLLAGEN

Product	Type	Size (mm)	Qty. box (pcs)	Blister 10pcs	Individual pack	
	Short Cone	unique root-shaped	Ø4.0x7.0	10	DS-PS47	DS-PS47-B
	Long Cone	unique root-shaped	Ø5.0x15.0	10	DS-PS515	
	Short Plug	for ideal fit	Ø8.0x7.0	10	DS-PS87	DS-PS87-B
	Long Plug	for snug fit or molars	Ø8.0x14.0	10	DS-PS814	DS-PS814-B
	Big Plug	ridge preservation	Ø10.0x20.0	10	DS-PS1020	DS-PS1020-B
	Cube	universal shape	□10.0x10.0	10	DS-PS10	DS-PS10-B
	Cube	universal shape	□10.0x10.0	20	DS-PS20	