IMPLANT SYSTEM

November, 2020

NEOBIOTECH

AUXILIARY SUPPLY CATALOG

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- InterOss
- Augma (Bone Cement)
- Helimend Collagen Membrane (Resorbable)
- Cytoflex PTFE Textured (Non-Resorbable Membrane)
- Neomem Membrane (Citagenix)
- OsteoGen Plug
- Omnia PTFE SUTURES
- Novavox
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- BiLumix Headlamp

NeoBiotech
Satisfaction to Dentists

MINERALIZED DENTAL PARTICULATE

Mineralized dental particulate easy handling characteristics and wide range of sizes make the product ideal for a wide range of grafting applications.

FEATURES:
• 100% bone
• Registered with FDA, accredited by AATB
• Packs well into any shaped defect
• Available in many sizes to treat a wide range of bony defects
• Provides three dimensional matrix during regeneration
• All lots terminally sterilized
• Sterile SAL 10^{-6}
• 5 year expiration date

COMMON SURGICAL APPLICATIONS:
• Dental and maxillofacial surgery, dental ridge augmentation, sinus augmentation, ridge preservation

Mineralized Cort/Canc 250-1000µm (Powder)

Type	Mineralized Cortical/Cancellous Particulate Mix			
Size(cc)	0.5	1.0	2.0	5.0
Product Code	5V25050	5V25100	5V25200	5V25500

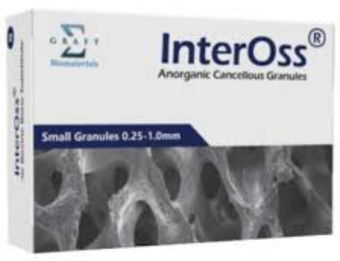
Mineralized Cort/Canc 1000-2000µm (Chip)

Type	Mineralized Cortical/Cancellous Particulate Mix			
Size(cc)	0.5	1.0	2.0	5.0
Product Code	5V10050	5V10100	5V10200	5V10500

InterOss

InterOss is a natural hydroxyapatite bone grafting material derived from Australia bovine bone (BSE free).
This highly purified osteoconductive material is produced from natural bone through a multi-step purification process.
Its natural origin makes InterOss chemically and structurally comparable to mineralized human bone (nano crystalline natural apatite).

InterOss 0.25-1.0mm



Size(g/cc)	0.25g/0.5cc	0.5g/1.0cc	1.0g/2.0cc	2.0g/4.0cc
Product Code	10SG25	10SG50	10SG100	10SG200

InterOss 1.0-2.0mm

Size(g/cc)	0.5g/2.0cc	1.0g/4.0cc	2.0g/8.0cc
Product Code	10LG50	10LG100	10LG200

Augma (Bone Cement)

Bond Apatite® is delivered in a specially designed ready-to-use “All in One” syringe containing the granulated powder and physiological saline. Mixing the powder component with the liquid in the driver results in a viscous composite that is suitable for direct injection into the graft site.

Augma (Bone Cement)

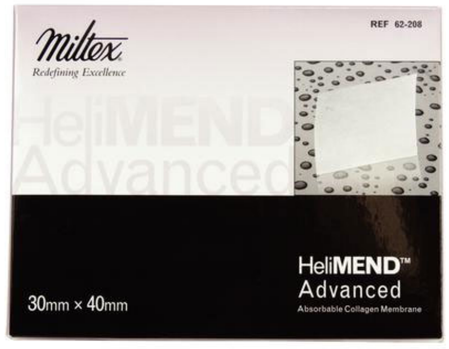
Type	Bone Apatite
Size(cc)	1.0
Product Code	HA-BB-PACK1

Helimend Collagen Membrane (Resorbable)

Helimend Collagen Membrane (Resorbable) Integra absorbable collagen membranes are white, compressed, non-friable matrices fabricated from collagen derived from bovine-deep flexor (Achilles) tendon. These collagen products provide wound stabilization and create space during guided tissue regeneration procedures where an extended resorption profile is desired.
These membranes are completely absorbable, eliminating the need for the second surgery that is often required to remove a non-resorbable membrane. The HeliMend® membrane incorporates into the surrounding tissue and is generally reabsorbed within 4-8 weeks, and the HeliMend® Advanced collagen membrane is generally reabsorbed within 18 weeks.

FEATURES:
• Can be cut to any size or shape in the wet or dry state, without tearing or fragmenting
• Textured surface for easy handling, non-slippery when wet
• Wet characteristics greatly facilitate the positioning and handling of the device during surgical procedures
• Semi-occlusive, it allows essential nutrients to pass through the membrane
• Have mechanical strength to be sutured in place
• Prevents epithelial cell migration and maintains space for periodontal ligament and enhances clinician's ability to promote bone regeneration
• Functions as a barrier during the critical period of wound healing

Helimend Collagen Membrane (Resorbable)



Size(mm)	15 x 20	20 x 30	30 x 40
Product Code	62-203	62-204	62-205

Cytoflex PTFE Textured (Non-Resorbable Membrane)

Cytoflex Textured Tefguard is a non-resorbable PTFE membrane made of a proprietary micro-porous expanded polytetrafluoroethylene (ePTFE) material, that is ideal for socket preservations and bone grafting procedures. The textured version of Cytoflex Tefguard has superficial macro texture overlapping the micro pore texture on both surfaces, providing additional grips for flap attachment.

FEATURES :
• Overlaying macro and micro textures on both surfaces!
• Allows nutrient permeation across the membrane.
• Resists fibroblasts and blocks bacterial penetration.
• Excellent Handling & Rigidity. Easily adaptable. Easily retrievable as one piece.
• Enhanced flap grips with fewer flap dehiscences
• Facilitates tissue regeneration despite flap recessions, or incomplete primary closure.

Cytoflex PTFE Textured (Non-Resorbable Membrane)

Size(mm)	12 x 24 (Single)	25 x 30 (Single)	12 x 24 (5ea./box)	25 x 30 (5ea./box)
Product Code	C04-0101	C04-0201	C04-0105	C04-0205

Neomem Membrane (Citagenix)

Neomem® membrane is a Type 1 bovine collagen matrix indicated for use in guided tissue procedures to enhance wound healing. The macromolecular pore size allows vital nutrient transfer while the cell occlusive membrane retards epithelium down growth.
• Longer in vivo stability.
• Optimized flexibility and rigidity for better space maintenance which allows for desired tissue in-growth.

FEATURES:
• Higher mechanical strength for membrane stabilization in situ using either sutures or resorbable tacks
• Longer in vivo stability and resorption time, 26-38 weeks, for sustained function
• Optimized flexibility and rigidity for better space maintenance which allows for desired tissue in-growth
• Either side of the Neomem can be placed towards the soft tissue or bone
• Easily trimmed and placed, wet or dry

Neomem Membrane (Citagenix)

Size(mm)	15 x 20	20 x 30	30 x 40
Product Code	NF1520	NF2030	NF3040

OsteoGen Plug

The OsteoGen® Plug is the easiest and most affordable way to clinically deliver bone graft for ridge maintenance and socket preservation.

OsteoGen Plug

Size(mm)	10mm x 20mm (Long 5 per box)	6mm x 25mm (Slim 5 per box)
Product Code	OPL1020-5	OPS625-5

Omnia PTFE SUTURES

Omnia surgical PTFE sutures are ideal for any implant, periodontal and bone graft surgery where the usage of a monofilament suture with low bacterial adhesion is recommended. Omnia PTFE sutures are soft, biologically inert and chemically non reactive. Compared to other monofilament synthetic sutures, this material is highly tolerated in the oral cavity.

FEATURES:
- Resistant
- Superior fluency in oral tissue
- Excellent biocompatibility
- Biologically inert.
- Monofilament
- Comfortable and soft for the patient

Suture PTFE Reverse Cutting

Material	PTFE 3/0	PTFE 4/0	PTFE 5/0	PTFE 6/0
Needle Dimension	3/8 Circle	3/8 Circle	1/2 Circle	1/2 Circle
Body	Reverse Cutting	Reverse Cutting	Reverse Cutting	Reverse Cutting
Product Code	32.Z3130	32.Z3141	32.Z3150	32.Z3160

Suture PTFE Round

Material	PTFE 4/0	PTFE 5/0	PTFE 6/0	PTFE 5/0
Needle Dimension	3/8 Circle	3/8 Circle	1/2 Circle	3/8 Circle
Body	Round	Round	Round	Extra Cutting
Product Code	32.Z3240	32.Z3250	32.Z3260	32.Z3252

Novavox Portable Hood Suction for Dentistry

Removes & Filters Aerosols and Droplets during treatment.

FEATURES :
- Low Noise Decibel - 59Db
- Suction Power - Strong inhalation of Dust and Aerosols
- Quadruple Filter - With HEPA13 grade filter, Carbon chip filter and UV-C, Up to 0.25 micron ultra fine particle (N95 Mask: 0.3 micron)
- Device Dimension - 29.3 x 13.8 x 13.8 inches (744 x 350 x 350 mm)
- Ultrahigh Suction Power - 45 Liters (11.9 gallons) / Sec
- Vacuum Intensity - 1150 mmH20

Novavox Portable Hood Suction for Dentistry

Product Code	NV19D

* Not applicable for 3rd party product discount. Purchase separately.

Medit i500

The i500 intraoral scanner, exemplifies three qualities: Value, Efficiency, and Productivity.
These three qualities make it easy to incorporate this Scanner into your workflow. With its impressive speed and powderless system, the i500 allows for a smoother scanning experience, shortening turnaround times and increasing the productivity of your clinic.

FEATURES:
- High Return On Investment(ROI) - The design and software allow for an unparalleled performance at a very competitive price.
- Flexibility - The i500 uses an open CAD/CAM system, allowing you to export STL files out of Medit Link and share it with your preferred lab, or to easily transfer files and track your progress throughout the entire workflow.
- Impressive Speed - Using two high-speed cameras, the i500 scans quickly and efficiently. With its intelligent scan detecting algorithm, the i500 picks up where it left off for a smooth scanning experience.
- Powderless - The i500 does not require the use of powder for regular cases, making the scanning process more seamless and the experience more pleasant for the patient.
- Small Tip - The small tip on the i500 is beneficial to both the user and the patient through simpler maneuverability and improved patient comfort.
- High Resolution - The i500 produces realistic images which are high in resolution and rich in detail, allowing you to distinguish between tooth structure and soft tissue for easy identification of margin lines and undercuts.
- Accuracy - Single Crown : Trueness (Accuracy) = 4.2μm (±0.49μm), Precision (Consistency) = 2.1μm(±0.58μm)
  Quadrants : ±50μm / Full Arch : ±100μm
- Video Type - There is no need to worry about choppy results with the i500 as it takes rapid video-based scans, capturing more data in a short period of time. The resulting image taken by the dual cameras is hence smoother and more detailed.
- Lightweight - Scanning can be uncomfortable and tiring, especially if you're using a heavy scanner. But we have eliminated that problem with the i500 scanner which is light in weight and easy to hold, making the process a comfortable one for you.
- Vivid color - The i500 scanner produces precise-colored scans which can distinguish between soft tissue, plaque and teeth.
- Single Button Control - The single button of the i500 allows the user to start and stop the scan at any moment without having to reach for the computer. Press the button down once to start scanning, and another time to stop. When the scan is complete, hold it down to move to the next scanning stage.

Medit i500

Tip Size(mm)	W19 x H15.2
Overall Handpiece Length(mm)	266
Scanning Area(mm)	14 x 13
Product Code	i500

* Not applicable for 3rd party product discount. Purchase separately.

BiLumix Headlamp

Removes & Filters Aerosols and Droplets during treatment.

FEATURES :
- Shadowless: The only headlamp on the market with two light sources making it shadowless
- Weightless: No heaviness or uncomfortableness as it sits atop your head
- Wireless: Powered by rechargeable batteries. No wires.
- Long-Lasting: Up to 8 hours of battery life with rechargeable batteries
- Strong & Durable: The BiLumix light source lasts over 50,000 hours
- Ridiculously Bright: See details that once felt hidden. When you see better, you perform better.

BiLumix Headlamp Package

Type	Headlamp Loupe (2.5xMag.)	Shadowless Headlamp + Headlamp Loupe (1.5 x Mag.)	Shadowless Headlamp + Headlamp Loupe (1.5 x Mag.)
IPD(Interpupilary Distance)	-	60~64	64~68
Product Code	-	-	-

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NEOBIOTECH USA

2700 E. FOOTHILL BLVD. #121
PASADENA, CA 91107
www.neobiotechusa.com
213-387-7704