



Neodent® Biomaterials® Everything you need for GBR





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Neodent® Biomaterials

Everything you need for GBR.

Decades of experience in dentistry and bone and tissue regeneration have led us to understand and respond to diverse needs, indications and preferences. The right solution in implantology and periodontics should be tailored to each person. Neodent® offers biomaterials that meet your expectations and the expectations of your patients.

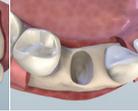
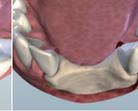
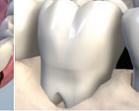
NEODENT® BIOMATERIALS REGENERATIVE OPTIONS.

The treatment concepts in modern dentistry are becoming more complex, taking a holistic view of the clinical situation and the intended outcome. We believe that delivering complete solutions will help achieve the best results possible. Daily practice shows that a full range of integrated regenerative solutions is required, with predictable positive results for all situations and biological indications in implantology and periodontics.

Neodent offers a range of regenerative solutions to support implant and periodontal procedures.

We offer a wide assortment of proven biomaterials including bovine bone, allograft, and collagen barriers. Created to regenerate hard tissues in a predictable and reliable way, this range of flexible solutions is designed to provide patients with the functional and aesthetic results they seek, elevating their overall experience.

Neodent® Biomaterials

								
	Peri-implant/ Dehiscence Defect	Fenestration Defect	Sinus Lift	Extraction Socket	Horizontal Defect	Furcation Defect	Intraosseous Defect	Defect
Neodent® AlloGraft Ground Cortical	Highly Recommended	Highly Recommended	Recommended ¹	Highly Recommended	Recommended	Indicated	Indicated	Indicated
Neodent® AlloGraft Ground Cancellous	Recommended	Recommended	Indicated	Recommended	Indicated	Recommended	Highly Recommended	Highly Recommended
Neodent® AlloGraft Cortical/Cancellous Mix	Recommended	Indicated	Highly Recommended	Recommended	Highly Recommended	Indicated	Indicated	Indicated
Neodent® XenoGraft	Recommended	Indicated	Highly Recommended	Indicated	Highly Recommended	Indicated	Indicated	Indicated
Neodent® Membrane Flex™	Highly Recommended	Recommended	Indicated	Highly Recommended	Recommended	Recommended	Recommended	Recommended

Recommendations in this table are based on material characteristics and scientific data (where available). They indicate which Neodent products are best suited to treat the specified defects prior to or after dental implant placement.

See instructions for use of the products for specific indications: ifu.neodent.com/br/en.

¹ Kolerman R, et al. Histomorphometric analysis of newly formed bone after maxillary sinus floor augmentation using ground cortical bone allograft and internal collagen membrane. J Periodontol. 2008;79(11):2104-2111.

Neodent® AlloGraft granules

Processed human allograft



Neodent® AlloGraft is an established and reliable alternative to autologous bone.

Neodent AlloGraft is processed by LifeNet Health®, the worldwide leading tissue bank and organ procurement organization. It's the trusted bone regeneration solution most similar to a patient's own bone that provides a strong start and greater confidence for you and your patients.

FEATURES AND BENEFITS

- A true alternative to autologous bone, eliminating donor site complications such as morbidity, infection or post-operative pain
- Storable at room temperature for 3 years (from date of packaging)

Neodent® AlloGraft is recommended for Implantology, periodontology and oral and cranio-maxillofacial (CMF) surgery for the following procedures:

- Ridge augmentation, ridge reconstruction
- Filling of intraosseous defects
- Extraction sockets
- Sinus floor elevation

Available in the following sizes

AlloGraft Ground Cortical		
Art.No.	Granule size	Content
NAMND070206	250-710 µm	0.5 cc
NAMND070207	250-710 µm	1.0 cc
NAMND070208	250-710 µm	2.0 cc
NAMND070218	250-1000 µm	0.25 cc
NAMND070219	250-1000 µm	0.5 cc
NAMND070220	250-1000 µm	1.0 cc
NAMND070221	250-1000 µm	2.0 cc
NAMND070230	250-1000 µm	2.5 cc

AlloGraft Cancellous		
Art.No.	Granule size	Content
NAMND070229	250-1000 µm	0.25 cc
NAMND070212	250-1000 µm	0.5 cc
NAMND070213	250-1000 µm	1.0 cc
NAMND070214	250-1000 µm	2.0 cc
NAMND070231	250-1000 µm	2.5 cc

AlloGraft Cortical Cancellous Mix		
Art.No.	Granule size	Content
NAMND070226	250-1000 µm	0.5 cc
NAMND070227	250-1000 µm	1.0 cc
NAMND070228	250-1000 µm	2.0 cc
NAMND070232	250-1000 µm	2.5 cc

Neodent® XenoGraft*

Natural bovine bone grafting



Neodent® XenoGraft is methodically processed from bovine bone and extensively tested to eliminate antigenicity and provide a favorable environment for new bone growth. Its slow resorption rate delivers extended stability—a critical advantage in cases that require a strong scaffold for long-term tissue support or esthetic needs.

FEATURES AND BENEFITS

- Optimal balance of calcium and phosphate, comparable to human bone
- Excellent hydrophilicity enabling rapid uptake of blood
- Slow resorption rate provides extended stability

Neodent® XenoGraft is recommended for

Implantology, oral surgery and periodontology and craniomaxillofacial surgery (CMS) for the following procedures:

- Sinus lift
- Horizontal augmentation

Available in the following sizes:

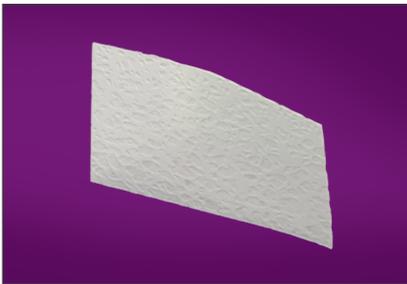
Bovine-derived particulate		
Art.No.	Granule size	Content
l1-0210-025	200-1000 µm	0.25 g/0.55 cc
l1-0210-050	200-1000 µm	0.5 g/1.3 cc
l1-0210-100	200-1000 µm	1.0 g/2.4 cc
l1-0210-200	200-1000 µm	2.0 g/4.5 cc
l1-1020-025	1000-2000 µm	0.25g/0.68cc
l1-1020-050	1000-2000 µm	0.5g/1.55cc
l1-1020-100	1000-2000 µm	1.0g/2.9cc
l1-1020-200	1000-2000 µm	2.0g/5.0cc

*Not available in Canada.



Neodent® Membrane Flex™

Porcine collagen membrane



Neodent® Membrane Flex™ provides flexibility and strength in an easy-to-handle, easy-to-suture barrier for soft tissue support and graft containment. Meticulously manufactured from highly purified intact porcine collagen and minimally cross-linked, it's biocompatible and predictably resorbable. It naturally conforms to defects and contours—plus, it's easy to reposition. Once in place, it can be firmly anchored to surrounding tissue with minimal risk of tearing or detachment, thanks to its high suture pullout strength.*

FEATURES AND BENEFITS

- Proven biomechanical strength enhances fixation assurance*
- Can be placed dry or hydrated
- Can be easily repositioned for precise placement
- Protects the graft area from unwanted soft tissue infiltration during the initial phase of healing while still allowing for healthy nutrient transfer

Neodent® Membrane Flex™ is recommended for Implantology, periodontology, and oral surgery for the following procedures:

- Socket preservation
- Horizontal and vertical ridge augmentation
- Fenestration and dehiscence defects
- Intraosseous and furcation defects
- Sinus lift

Available in the following sizes:

Art.No.	Description
NAMND070.008	15 × 20mm Neodent® Membrane Flex™
NAMND070.009	20 × 30mm Neodent® Membrane Flex™
NAMND070.010	30 × 40mm Neodent® Membrane Flex™

*Data on file with manufacturer

See instructions for use of the products for specific indications: ifu.neodent.com/br/en.

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