At DENTSPLY Tulsa Dental Specialties, we share your commitment to providing the best care for the patient. As one of the world’s leading manufacturers and suppliers of dental products, everything we offer is aimed at enhancing your clinical success. Our high-quality bone grafting products are an excellent example. Many independent, peer-reviewed studies have demonstrated the superior clinical efficacy, biocompatibility, ease of use and safety of DENTSPLY Tulsa Dental Specialties’ regenerative materials. Clinically proven over a long history, these versatile products are designed to meet your needs – while meeting your high standards for success.
The Science Of P-15 Peptide

- Tissue-engineered bone replacement graft material.
- Mimics the inorganic and organic components of autogenous bone.
- Includes the specially designed P-15 peptide, a synthetic biomimetic of the 15 amino acid sequence of Type-I collagen, which is uniquely involved in the binding of cells, particularly fibroblasts and osteoblasts.¹
- Easy to place using conventional bone grafting techniques.
- PepGen P-15 particulate is available in the preferred particle size range: PepGen P-15 particulate (250-420 microns) packaged in 1-gram and 3-gram vials.
- PepGen P-15 FLOW: PepGen P-15 particulate suspended in inert biocompatible hydrogel packaged in 0.5 cc and 1.0 cc syringes.

The Predictable Choice

- First and only biomimetic of autogenous bone.
- Provides superior defect fill.
- Minimizes crestal bone loss.
- Predictable, dependable long-term results.
- Histologic confirmation of bone regeneration.

¹ Easy to place using conventional bone grafting techniques.

PepGen P-15 & PepGen P-15 FLOW

PepGen P-15 & PepGen P-15 FLOW (250-420 microns)
2 each, 0.5 cc syringes
99U100052
4 each, 0.5 cc syringes
99U100054
2 each, 1.0 cc syringes
99U100102
4 each, 1.0 cc syringes
99U100104

PepGen P-15 particulate (250-420 microns)
2 each, 1.0 g vials
99U0000102
4 each, 1.0 g vials
99U0000104
2 each, 3.0 g vials
99U000302

OsteoGrafix syringes
Unfilled straight syringes
4 each, Straight
900005004
CORTICAL POWDER
minerALized POWder (250-850 microns)
0.25 cc vial 100175
0.5 cc vial 100176
1.0 cc vial 100177
3.0 cc vial 100178

DEMINERALIZED POWDER (250-850 microns)
0.25 cc vial 120075
0.5 cc vial 120076
1.0 cc vial 120077
3.0 cc vial 120078

deminERALized 0.5-3.0 mm
0.5 cc vial 120038
1.0 cc vial 120039

Mineralized Cancellous Powder from Tulsa Dental Specialties and MTF integrates with natural bone for predictable outcomes. It is easy to handle and hydrate, and offers a three-year shelf life with convenient, room-temperature storage. And because it comes from the world’s leading tissue bank, you can use this cancellous particulate product with confidence.

High-quality And Biocompatible
• Contains the highest demineralized bone content available – 93% by volume.
• DBX sodium hyaluronate carrier is a safe and natural substance found in the joints and ocular fluids of the human body.
• Non-Hemolytic – compatible with surrounding blood cells.
• pH Balanced – identical pH to human blood, 7.2.

Proven Bone Formation
Through Optimal Osteoinductivity
• DBX material has been proven to be osteoinductive and to facilitate true bone growth via a batch osteoinductive assay on every lot.
• An athymic mouse study, based on the Urist intramuscular model, confirmed histologically that DBX material is osteoinductive and facilitates true bone growth.²

Easy To Use
• High molecular weight means the material maintains its physical integrity and resists movement under irrigation.
• Ready to use out of the box, no preparation required.
• Excellent handling characteristics.
• Two-year shelf life.
• Convenient, room-temperature storage.

Mineralized Cancellous Powder
DBX Demineralized Bone Matrix, which has been primarily available in the orthopedic market, is now available in a putty form, exclusively through DENTSPLY Tulsa Dental Specialties. DBX offers the highest bone content, optimal osteoinductivity and exceptional handling characteristics when compared to other DBM products.

Musculoskeletal Transplant Foundation (MTF)
A non-profit service organization, the Musculoskeletal Transplant Foundation is the world’s largest tissue bank accredited by the American Association of Tissue Banks. MTF was started in 1987 by surgeons who understood the critical requirements of a world-class tissue bank: maintain the highest ethical standards when approaching families of potential donors; ensure the strictest sterility standards during tissue recovery, processing and storage; and establish complete traceability to enhance safety for recipients. Although all allograft tissue will be ordered through DENTSPLY Tulsa Dental Specialties, it will be shipped and invoiced by MTF to adhere to the standards of the AATB and NOTA (National Organ Transplant Act).

Quality And Safety Assurance
• Every potential donor must pass a thorough quality assurance process.
• MTF is the only tissue bank to use registered nurses to screen potential donors.
• MTF’s standards are established by a medical board of surgeons.
• MTF uses Nucleic Acid Testing on every donor. Comprehensive testing is done for Hepatitis B, Hepatitis C, HIV-1/2 Antibody, HTLV-I/II Antibody and Syphilis.
• All MTF tissue undergoes 27 separate quality assurance checks that meet or exceed AATB guidelines.
• Only donors from the United States are accepted.

Sterility Control Measures
• Allograft tissue is supplied to MTF according to the AATB standards.
• Tissue is aseptically processed in Class 10 (certified) clean rooms.
• Each donor is processed individually and tracked.
• Processes are validated to prevent cross contamination.
• Sterility is verified to release.

DBX® Putty Demineralized Bone Matrix (Allograft)
DBX Demineralized Bone Matrix, which has been primarily available in the orthopedic market, is now available in a putty form, exclusively through DENTSPLY Tulsa Dental Specialties. DBX offers the highest bone content, optimal osteoinductivity and exceptional handling characteristics when compared to other DBM products.
OsteoGraf®/N • OsteoGraf®/LD • OsteoGraf®/D Material

OsteoGraf/N Material: The Natural Choice
- Natural anorganic bovine-derived microporous hydroxyapatite (100% protein-free).
- Only xenograft that meets all ASTM Standards for “Composition of Anorganic Bone for Surgical Implants (F1581-95).”
- Cell-mediated resorption.
- Hydrophilic - cohesive consistency when hydrated.
- Remodels to vital bone at the same rate as host bone.
- Predictable increase of bone dimension.
- Effective composite bone replacement graft material with autogenous bone and/or DFDBA.

OsteoGraf/D Material: The Dense Synthetic Choice
- Dense, 100% pure synthetic hydroxyapatite.
- Nonporous, non-resorbable permanent graft material.
- Provides supporting matrix for bone and/or connective tissue deposition.
- Atrophic ridges can be augmented in both height and dimension.
- Maintains augmented dimension for esthetic or prosthesis support.
- Reduces resorption rate of underlying bone.

OsteoGraf/LD Material: The Low-density Synthetic Choice
- Low density, 100% pure synthetic hydroxyapatite.
- Inexpensive, resorbable bone filling material.
- Solution-mediated resorption.
- Hydrophilic - cohesive consistency when hydrated.
- Maintains alveolar bone for ridge preservation.
- Readily available source of calcium for bone regeneration.
- Effective alternative for patients who prefer a synthetic material.
We’re Here For You And Your Practice.

Call On DENTSPLY Tulsa Dental Specialties.

When it comes to providing innovative regenerative solutions, we rely on scientific evidence. Because we know your patients rely on you. Whatever your needs, we make it easy for you to get the kind of support you want, when you want it. Call our highly trained representatives, consult with one of our Clinicians on Call, utilize our helpful online resources, or experience one of our fresh, relevant CE courses taught by renowned experts. We’re here for you with innovative solutions to help take your practice to the next level.

Call DENTSPLY Tulsa Dental Specialties and let us show you the difference that fuels our quality, your success and their satisfaction.

REFERENCES