

LifeNet Health helps save lives and restore health for thousands of patients each year. We are the world's most trusted provider of transplant solutions, from organ procurement to new innovations in bio-implant technologies and cellular therapies. LifeNet Health is a leader in the field of regenerative medicine, while always honoring the donors and healthcare professionals that allow the healing process.

LifeNet Health is a leader in the engineering and processing of dental, cardiovascular, spinal, and orthopedic bio-implants and distributes more than 400,000 bio-implants every year to restore health to patients around the world.



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The information provided in this brochure is not meant to replace the advice or expertise of a physician or other qualified health care provider. You should never disregard the advice of your physician or other qualified health care provider because of any information you read in this brochure. If you have any additional questions regarding tissue transplants, please consult your physician or other qualified health care provider.

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This pamphlet provides an overview of what to consider when getting a tissue transplant and why you can trust allografts from LifeNet Health. Should you have any additional questions, ask your doctor, or feel free to call LifeNet Health at **1-757-464-4761 x 2000**.

Why choose LifeNet Health?

LifeNet Health is a **non-profit** global leader in regenerative medicine. We have pioneered many of the methods by which tissue is safely obtained and prepared for surgery. We meet or exceed disease testing requirements set forth by the American Association of Tissue Banks (AATB) and the Food and Drug Administration (FDA). Our Allowash XG® sterilization technology not only renders bio-implants sterile, but also removes or inactivates viruses.* With the highest standards in the industry, you get added assurance that your bio-implant results in a **safe and healthy** outcome.

*Data on file at LifeNet Health

A proven record you can rely on.

LifeNet Health has an unmatched safety record in providing allografts. Since 1995, over 4 million bio-implants processed using Allowash technology have been distributed by LifeNet Health, with no disease transmission.

You're in good hands.

From screening to cleaning, all procedures are performed by trained LifeNet Health technicians. We strictly adhere to AATB and ISO guidelines and our own high standards. Every step is documented, and all records are evaluated to make sure every requirement is met so the tissue you receive is the finest it can be. Throughout our process, LifeNet Health leaves no room for error. However, LifeNet Health safety standards are not necessarily the same as those used by other tissue banks, and you should not assume that all tissue banks are alike. For more information, including additional information about LifeNet Health's Quality Control and Safety measures, please visit our website, www.AccessLifeNetHealth.org.

An unmatched commitment to your health and safety.

A key objective in modern dentistry is to rescue patient teeth. Often, the bone supporting teeth must be repaired to restore function and oral health. If a tooth cannot be salvaged, implants or other restorative procedures can preserve the proper function of the remaining teeth. These corrections often involve the soft tissue (gingival). Your doctor may choose to employ bone and soft tissue allograft bio-implants for the following restorative procedures, and you may want to ask your doctor if he or she plans to use a LifeNet Health allograft for your procedure.

Common dental procedures

- Periodontal defects
- Ridge augmentation
- Endodontic defects
- Sinus augmentation
- Implant bony defects
- Extraction socket preservation
- Trauma

What are allograft bio-implants?

An allograft is human tissue transplanted from one individual to another, usually for reconstructive surgery. As the most common type of transplant, allografts help many people lead healthier, more active lives. Because allografts are human tissue taken from a deceased donor, it's important to consider where the tissue is coming from, what testing it undergoes, how it is processed, and what other measures are taken to assure your safety. As you'll see, LifeNet Health takes extraordinary steps to provide you and your surgeon with safe and healthy products.

You can **TRUST**
a LifeNet Health
allograft bio-implant
for your dental procedure



The following categories of procedures may have been discussed by your doctor:

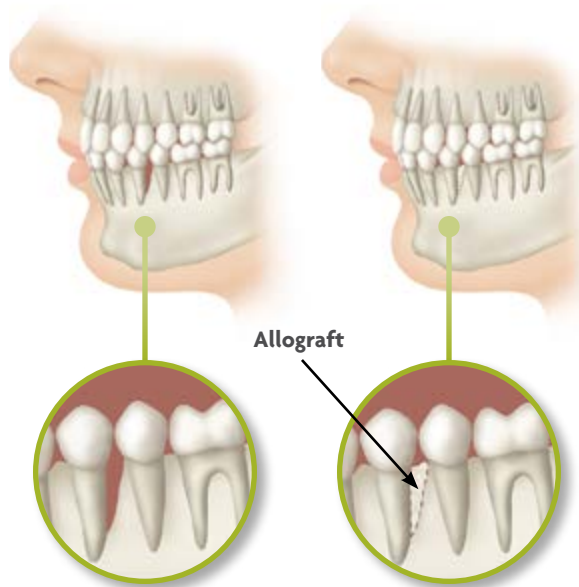
You and your doctor are considering a dental, periodontal or maxillofacial procedure to correct a structural problem or allow for future implant placement. These procedures may require the use of donated human materials to allow, in the opinion of your clinician, the best possible outcomes. Your provider is trained to perform a variety of procedures that involve the use of allograft materials.



1

Periodontal Disease

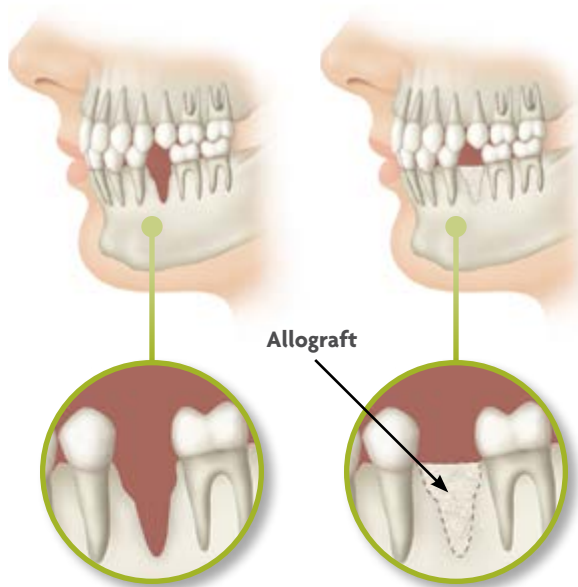
You may be recommended to undergo a regenerative procedure when periodontal disease has destroyed some of the bone supporting your teeth. Treatments can reverse some of the damage by regenerating lost bone and other supporting structures. The procedure involves your surgeon folding back the gum tissue and removing the disease-causing bacteria. Membranes, bone grafts or tissue-stimulating proteins can be used to assist your body in naturally regenerating bone and tissue. These procedures also help to reduce the risk of future periodontal disease, by reducing the bacteria and creating a healthier environment around the tooth.



2

Extraction Socket Grafting

By far, the most commonly performed procedure where donated human materials are used is in the placement of these grafts into the socket space immediately following tooth extraction. Quite simply, this allows for preservation of the bone height and width in the area where the tooth was lost, and enhances the success of subsequent dental implant placement or other restorative procedures (partial or full dentures)."



3

Ridge Modification (Augmentation)

Every tooth is essential. When a tooth is missing, it upsets the natural balance normally found. Often, when a tooth is missing or when an extraction is planned, your doctor will wish to provide additional structure to the area in order to place future implants, or to provide some other restorative solution. The addition or regeneration of bone to an area where it is lacking is known as augmentation. It can be performed in the "upper jaw" (maxillary), or "lower jaw" (mandibular) – and can improve bone "height" (vertical) or width (horizontal). Regardless of the procedure chosen, the surgeon will very often rely on donated materials (hard or soft tissue) to complete the task. The decision to add materials to an area will improve the clinical success of the procedure, as well as allow for more predictable treatment options.



4

Sinus Augmentation

Just as described above, grafting materials can be placed within the maxillary sinus to allow for the subsequent placement of a dental implant. In this procedure, the doctor places the bone within the maxillary ridge (in the sinus), instead of placing the bone on the ridge as in a normal maxillary ridge augmentation. The decision to do so is based on available bone, planned position of an implant, length and diameter of implant and other factors.

