

# YOUR PATIENTS DON'T KNOW ABOUT alloOss, BUT THEY'RE GLAD YOU DO

Trusted Purity For Bone Regeneration.



**alloOss®**

allograft particulates, blocks and putty

## alloOss ALLOGRAFT PARTICULATES, BLOCKS, AND PUTTY

alloOss Allograft is offered in particulate, block and putty. alloOss is a safe, predictable and effective solution for providing a scaffolding for cell ingrowth and promoting the growth of new bone.

### Natural Allograft Bone

alloOss Mineralized Allograft Particulates and Blocks preserve natural collagen and minerals with the bony structure of allograft. The existence of these natural minerals and collagen facilitate remodeling of the host bone suitable for implantation. alloOss products are designed to promote new bone formation.

### Safe and Effective

These products have been processed and sterilized to the highest standards set forth by the American Association of Tissue Banks (AATB®) and the U.S. Food and Drug Administration (FDA) regulations. alloOss allograft is obtained and processed in conjunction with AATB accredited tissue banks.



### Functional Quality Comparison: Allograft Options

| Particulate Qualities | Cancellous | Cortical | Cortico/Cancellous | Min/Demin<br>Cortico/Cancellous | Demineralized<br>Cortical |
|-----------------------|------------|----------|--------------------|---------------------------------|---------------------------|
| Osteoconductive       | ★★★★★      | ★★☆☆☆    | ★★★★☆              | ★★★★☆                           | ★★☆☆☆                     |
| Osteoinductivity      | ★★★☆☆      | ★☆☆☆☆    | ★★★★☆              | ★★★★☆                           | ★★★★★                     |
| Space Maintenance     | ★★★☆☆      | ★★★★★    | ★★★★☆              | ★★★☆☆                           | ★☆☆☆☆                     |
| Density               | ★★★☆☆      | ★★★★★    | ★★★★☆              | ★★★☆☆                           | ★☆☆☆☆                     |
| Volume Enhancement    | ★★★☆☆      | ★★★★★    | ★★★★☆              | ★★★☆☆                           | ★☆☆☆☆                     |

## CLEANSING PROCESS FOR alloOss



**Phase 1:**  
Stringent screening procedures for donor selection.



**Phase 2:**  
Initial physical inspection and debridement to eliminate substandard tissue and aseptic placement in canisters, reducing risk of tissue contamination. Tissue is processed via minimal manipulation in cGTP conditions in ISO 5 (Class 100) clean rooms using procedures and screening criteria that meet the requirements of the AATB.



**Phase 3:**  
Cleansing reaches deep within the tissues with a process that sustains consistency. The process, which uses mechanical energy and rotation, is customized based on specific tissue type and weight. Microbiological testing is performed before and after processing to ensure safety of the final product.



**Phase 4:**  
Low dose low temperature irradiation provides the tissue with a Sterility Assurance Level (SAL) of 10<sup>-6</sup> without compromising the mechanical integrity of the allograft tissue.



**Phase 5:**  
Full water immersion extraction, as opposed to batch swab, is taken for increased accuracy of microbial presence reading.



### **alloOss® MINERALIZED PARTICULATE**

alloOss Allograft Particulate offers the structural strength required to maintain space and volume during the remodeling phase. Used alone or as a composite graft, alloOss Particulate is an effective alternative to intraoral graft harvesting.

- Provides scaffold for cell ingrowth
- Remodels completely
- Predictable Guided Bone Regeneration
- Stabilizes implants after 4-6 months
- Fills voids and extensive bone defects
- Regeneration of periodontal defects



### **alloOss NATURAL BLEND MINERALIZED PARTICULATE**

While offering all the benefits of alloOss Mineralized Allograft Particulate, alloOss Natural Blend is a perfect blend of both cortical and cancellous bone particles, allowing for a more natural mirroring of the composition of human bone of 70% cortical and 30% cancellous; making it a perfect solution for promoting the growth of new bone.



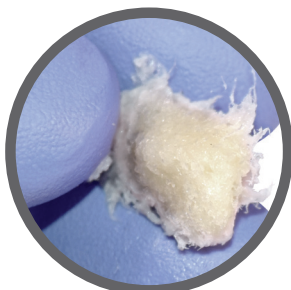
### **alloOss NATURAL BLEND MINERALIZED/DEMINERALIZED PARTICULATE**

alloOss Natural Blend Mineralized/Demineralized has the osteoconductive and osteoinductive properties known to be necessary for new bone formation and maintain the space required for bone growth. This blend contains approximately 49% mineralized cortical, 21% mineralized cancellous, 21% demineralized cortical and 9% demineralized cancellous.



### **alloOss DEMINERALIZED PARTICULATE**

alloOss Demineralized Cortical Bone is appropriate for use in any procedure where bone repair is desired. The process has been validated to maintain osteoinductivity to ensure the highest quality and efficacy for your bone regeneration procedures.



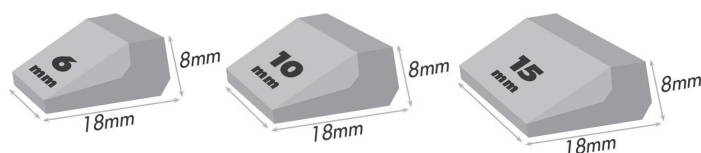
### **alloOss PUTTY**

alloOss Putty is 100% human allograft containing mineralized cancellous and cortical chips and demineralized cortical fibers. It is terminally sterilized bone allograft with osteoconductive and osteoinductive properties. It may be used with autologous bone, xenograft, allograft or synthetic bone graft or may be used alone as an individual bone allograft.



### **alloOss BLOCK GRAFT**

alloOss Block is a cortico/cancellous block for restoring bone volume in severely resorbed ridges without the need to harvest autogenous bone from the patient. The cancellous component is for rapid healing and revascularization and the cortical component is for strength and rigidity. Approximate healing is 5-6 months.



### Mineralized Cancellous Particulate

|         |                  | Volume |
|---------|------------------|--------|
| 1117141 | 250-1,000 mic.   | 0.5cc  |
| 1117143 | 250-1,000 mic.   | 1.0cc  |
| 1117144 | 250-1,000 mic.   | 2.0cc  |
| 1117757 | 1,000-2,000 mic. | 0.5cc  |
| 1117758 | 1,000-2,000 mic. | 1.0cc  |
| 1117775 | 1,000-2,000 mic. | 2.0cc  |

### Mineralized Cortical Particulate

|         |                  |        |
|---------|------------------|--------|
| 1117195 | 250-1,000 mic.   | 0.5cc  |
| 1117358 | 250-1,000 mic.   | 1.0cc  |
| 1117167 | 250-1,000 mic.   | 2.0cc  |
| 2060042 | 500-1,000 mic.   | 0.25cc |
| 1118744 | 1,000-2,000 mic. | 0.5cc  |
| 1117778 | 1,000-2,000 mic. | 1.0cc  |
| 1118901 | 1,000-2,000 mic. | 2.0cc  |

### Mineralized 50-50 Cortico/Cancellous Particulate

|         |                  |        |
|---------|------------------|--------|
| 1405111 | 250-1,000 mic.   | 0.25cc |
| 1117148 | 250-1,000 mic.   | 0.5cc  |
| 1117149 | 250-1,000 mic.   | 1.0cc  |
| 1117156 | 250-1,000 mic.   | 2.0cc  |
| 1117782 | 1,000-2,000 mic. | 0.5cc  |
| 1117783 | 1,000-2,000 mic. | 1.0cc  |
| 1117784 | 1,000-2,000 mic. | 2.0cc  |

### Natural Blend Mineralized Cortico/Cancellous Particulate

|         |                |        |
|---------|----------------|--------|
| 1337144 | 500-1,000 mic. | 0.25cc |
| 1337145 | 500-1,000 mic. | 0.5cc  |
| 1337146 | 500-1,000 mic. | 1.0cc  |
| 1337147 | 500-1,000 mic. | 2.0cc  |

### Natural Blend Mineralized/Demineralized Cortico/Cancellous Particulate

|         |                |        |
|---------|----------------|--------|
| 1405102 | 500-1,000 mic. | 0.25cc |
| 1405103 | 500-1,000 mic. | 0.5cc  |
| 1405105 | 500-1,000 mic. | 1.0cc  |
| 1405108 | 500-1,000 mic. | 2.0cc  |

### Demineralized Cortical Bone Particulate

|         |              |        |
|---------|--------------|--------|
| 1266624 | 125-710 mic. | 0.25cc |
| 1266560 | 125-710 mic. | 0.5cc  |
| 1266561 | 125-710 mic. | 1.0cc  |
| 1266562 | 125-710 mic. | 3.0cc  |

### Putty

|         |                          |       |
|---------|--------------------------|-------|
| 2060041 | 250-850 mic. plus fibers | 0.5cc |
| 2060040 | 250-850 mic. plus fibers | 1.0cc |

### Cortico/Cancellous Block Graft

|         |               |      |
|---------|---------------|------|
| 1118534 | 18 x 6 x 8mm  | each |
| 1416833 | 18 x 10 x 8mm | each |
| 1117146 | 18 x 15 x 8mm | each |



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For the most up-to-date pricing, please contact ACE SOUTHERN or visit our website at [www.acesouthern.com](http://www.acesouthern.com).