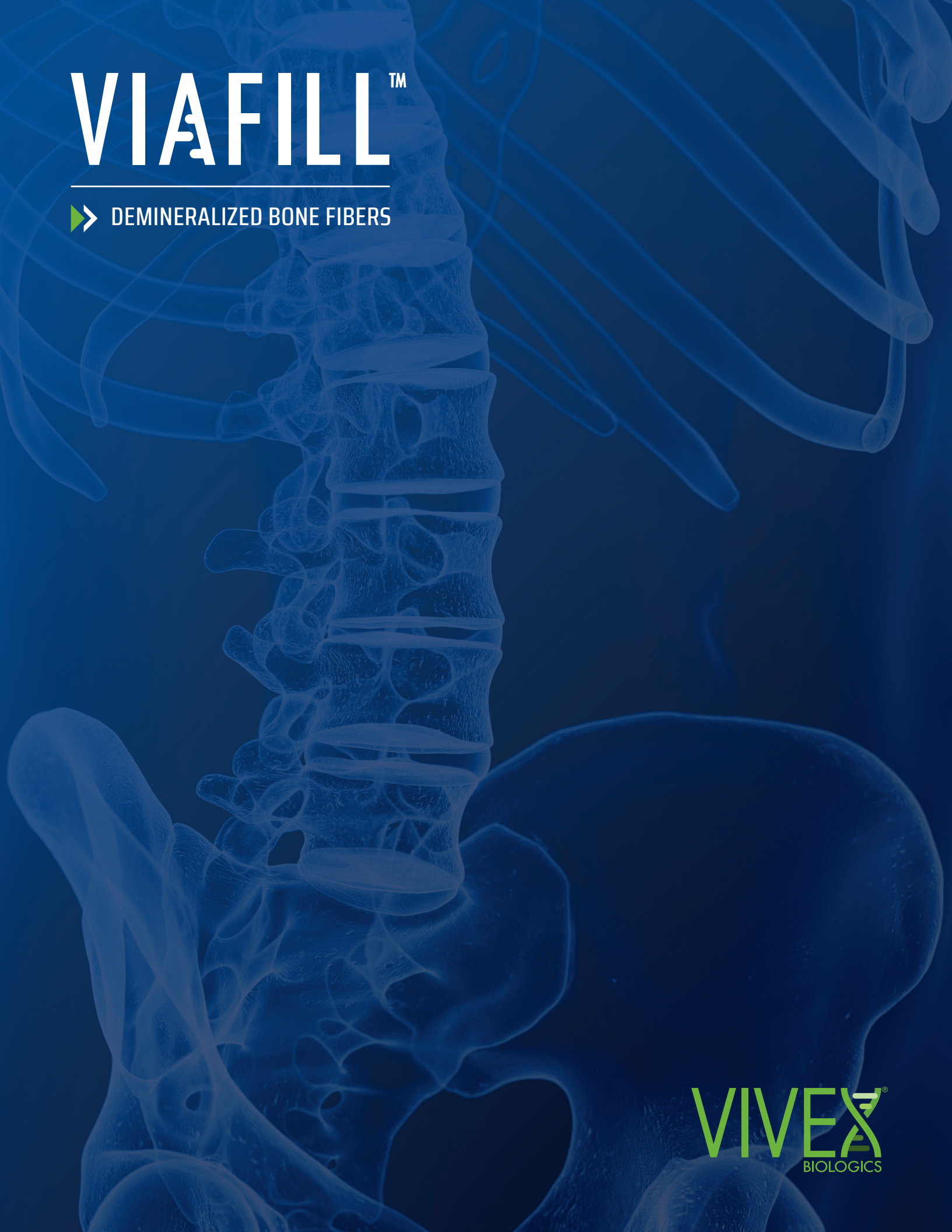


VIAFILL™

DEMINERALIZED BONE FIBERS

VIVEX® BIOLOGICS

VIAFILL™

VIA Fill™ demineralized moldable bone fibers from VIVEX Biologics are designed to provide superior handling characteristics and developed utilizing VIVEX's proprietary Integrity Processing,™ where cortical bone fibers are demineralized, exposing the natural bone morphogenic proteins (BMPs) needed for bone formation.[1] VIA Fill is moldable and comprised of 100% demineralized cortical bone, using an optimized selection of bone fibers of various lengths, without the need of an additional carrier.

VIA Fill has osteoinductive potential[2] and offers improved osteoconductivity to maximize bone forming ability. Bone fibers offer superior osteoconductivity when compared to powder due to the increased ability for cells to migrate along fibers, creating "Cellular Highways" for bone formation.[3] In contrast, particulate based demineralized bone matrices (DBMs) have gaps between the particles that osteoblasts cannot always bridge across.[3]

The product is supplied in a ready-to-use container and is easily rehydrated with saline. VIA Fill's moldability allows fibers to be shaped into a ball or strip.

FEATURES AND BENEFITS

INTEGRITY PROCESSING

VIVEX's proprietary Integrity Processing maintains the innate properties and characteristics of the tissue.

FEATURE	BENEFIT
VIVEX's Integrity Processing	An aseptic process and minimalist approach to maintain the inherent properties of the tissue

100% BONE

VIA Fill is composed of 100% human cortical bone.

FEATURE	BENEFIT
No carrier	100% bone, no dilution of osteoinductive potential

HANDLING

VIA Fill's optimal product composition allows for ease of handling and moldability when rehydrated with saline. It is quickly rehydrated in less than four minutes and can easily be shaped to surgeon preference.[2]

FEATURE	BENEFIT
Optimal bone fiber length ranges	Can be molded into ball or strip

STORAGE

VIVEX uses processing techniques that allow for convenient storage of VIA Fill at ambient temperatures.

FEATURE	BENEFIT
Lyophilized and terminally sterilized SAL 10^{-6} by e-beam irradiation in final packaging	Allows for convenient storage at ambient temperatures and off the shelf use

CLINICAL EXAMPLES

SPINE

POSTEROLATERAL FUSION

VIA Fill can be applied around screws and rods and between transverse processes in the back of the spine

INTERBODY FUSION

VIA Fill can fill allograft voids and be packed into spaces in and around implants

CRANIO-MAXILLOFACIAL

RECONSTRUCTION OF MANDIBLE

VIA Fill can be shaped to fill any void in the mandible created by tumor resection

ORTHOPEDICS

TRIPLE ARTHRODESIS PROCEDURE

VIA Fill can be used to augment triple arthrodesis procedures [a]

HIGH TIBIAL OSTEOTOMY

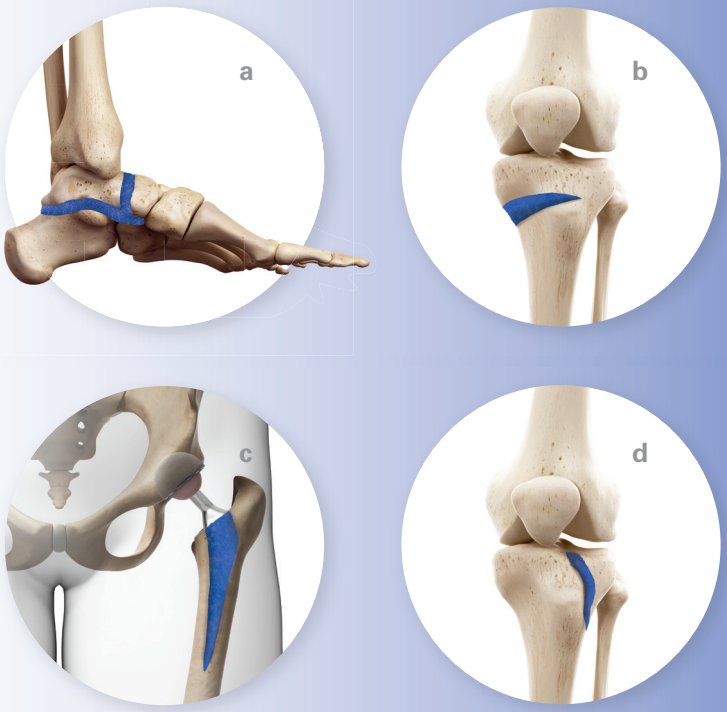
VIA Fill can be used to augment wedges and hardware in osteotomy procedures in the knee [b]

HIP REVISIONS

VIA Fill can be used as a bone void filler in hip revision procedures [c]

TRAUMA

VIA Fill can be used in tibial plateau fractures of bone prior to fixation with plate and screws [d]



VIAFILL™

VIA Fill out of the jar, not yet hydrated

VIA Fill hydrated with saline (not yet mixed)

VIA Fill hydrated with saline, mixed and formed into a ball

VIA Fill hydrated and pulled apart

ORDERING INFORMATION

CODE	DESCRIPTION
VFB001	VIA Fill™ Demineralized Bone Fibers 1cc
VFB003	VIA Fill™ Demineralized Bone Fibers 3cc
VFB006	VIA Fill™ Demineralized Bone Fibers 6cc
VFB012	VIA Fill™ Demineralized Bone Fibers 12cc

1. *Urist MR. Bone: formation by autoinduction. Science. 1965;150(3698):893-899*
2. *VIVEX Data on file*
3. *Martin GJ Jr, Boden SD, Titus L, Scarborough NL, "New formulations of demineralized bone matrix as a more effective graft alternative in experimental posterolateral lumbar spine arthrodesis.", Spine. 1999 Apr 1;24(7):637-45.*

VIVEX BIOLOGICS

2430 NW 116th Street, Miami, FL 33167
(888) 684-7783 | vivex.com | customercare@vivex.com

MKG-VFB-01
Rev 02