



A GLOBAL EXTREMITY COMPANY

BIOACTIVE GLASS IMPLANTS

Vitrium

Alternative to Allograft & Porous Metals



TRIM TO FIT...

VITRIUM^C WEDGE

12 Sizes Available



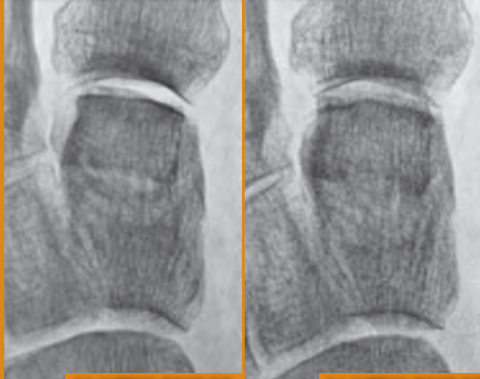
TRIM TO FIT...

VITRIUM^E WEDGE

9 Sizes Available

Vitrium / Native Bone

VITRIUM^C WEDGE in a COTTON OSTEOTOMY



11 WEEKS POST-OP

16 WEEKS POST-OP

CALL TO SCHEDULE A SURGERY TODAY

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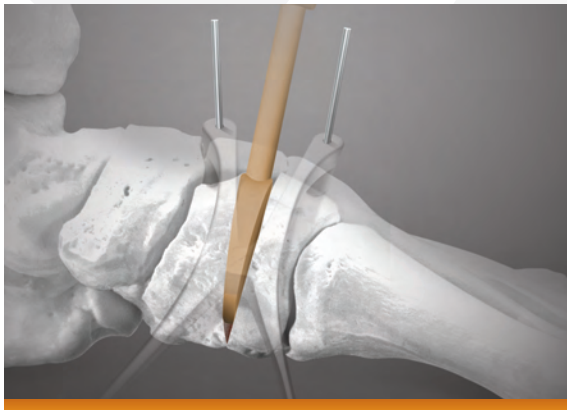
Vitrium[®] Technique For Cotton Osteotomy



Exposure & Preparation

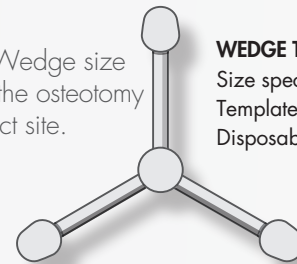
Expose the bone using standard surgical techniques. The bone void site should be adequately prepared to expose healthy bleeding bone to help promote future bone growth.

Use an osteotome to open the osteotomy site. A pin-style distractor should be used to hold the osteotomy site open

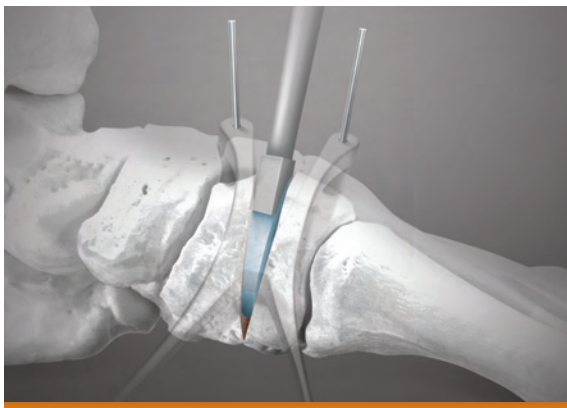


Wedge Size

Determine the appropriate Wedge size by trialing the Templates in the osteotomy site. Do not over-fill the defect site.

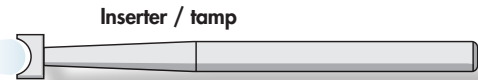


WEDGE TEMPLATE
Size specific multi-trial
Template included in
Disposable Instrument Set



Wedge Insertion

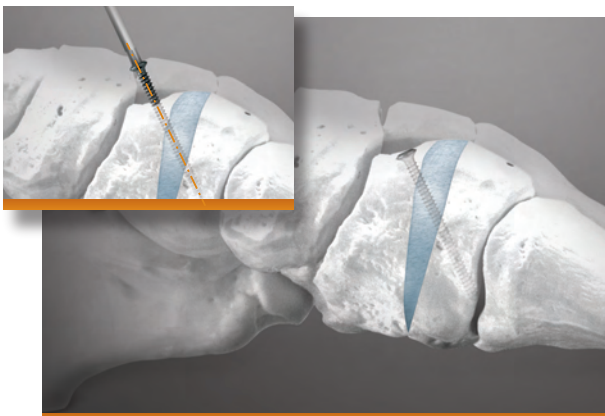
Insert the Vitrium[®] Wedge into the osteotomy site and seat until flush with the bone. If needed, the Implant may be gently tapped using the appropriately sized Tamp. Prior to tamping the Implant be sure to confirm alignment of the Tamp and the Implant.



Inserter / tamp

Trimming the Implant

The Vitrium Wedge may be trimmed to size using standard surgical instruments. Care should be taken not to harm surrounding tissue. If shaping the device is performed, ensure debris has not restricted the pores of the device. Verify that the shaped device surfaces are smooth and free of excessive loose particles.

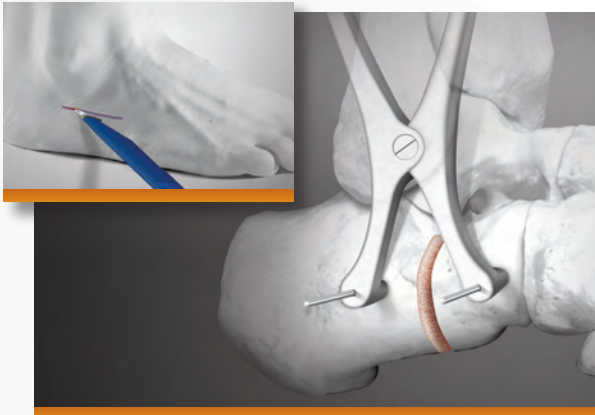


Ancillary Fixation

Standard practices should be followed with respect to the use of fixation devices [staple or other device] when using Vitrium Wedges.

The Implant may be drilled and a screw placed through the implant. The Vitrium Wedge should not be used as a screw anchor. Screws placed through the material should be supported by bone on both sides of the material. The screw should be placed within adequate Vitrium material. Proceed slowly and irrigate while drilling. Clear excess material from the drill bit flutes. Irrigate to remove excessive debris after drilling, tapping or placing a screw.

Vitrium^E Technique For Evans Osteotomy



Exposure & Preparation

Expose the bone using standard surgical techniques. The bone void site should be adequately prepared to expose healthy bleeding bone to help promote future bone growth.

Use an osteotome to open the osteotomy site. A pin-style distractor should be used to hold the osteotomy site open.

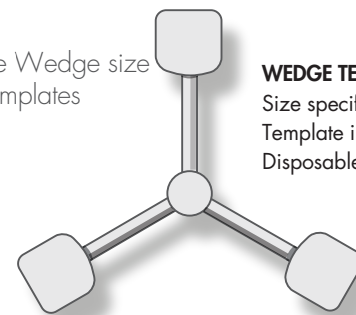


Wedge Sizing

Determine the appropriate Wedge size by inserting the Vitrium Templates into the osteotomy site.

WEDGE TEMPLATE

Size specific multi-trial Template included in Disposable Instrument Set



Insertor / Tamp



Wedge Insertion

Insert the Vitrium^E wedge into the osteotomy site and seat until flush across both implant-to-bone surfaces. If needed, the Implant may be gently tapped using the appropriately sized Tamp. Prior to tamping the Implant, be sure to confirm alignment of the Tamp and the Implant. Confirm correction fluoroscopically.

Trimming the Implant

The Vitrium Wedge may be trimmed to size using standard surgical instruments. Care should be taken not to harm surrounding tissue. If shaping the device is performed, ensure debris has not restricted the pores of the device. Verify that the shaped device surfaces are smooth and free of excessive loose particles.



Ancillary Fixation

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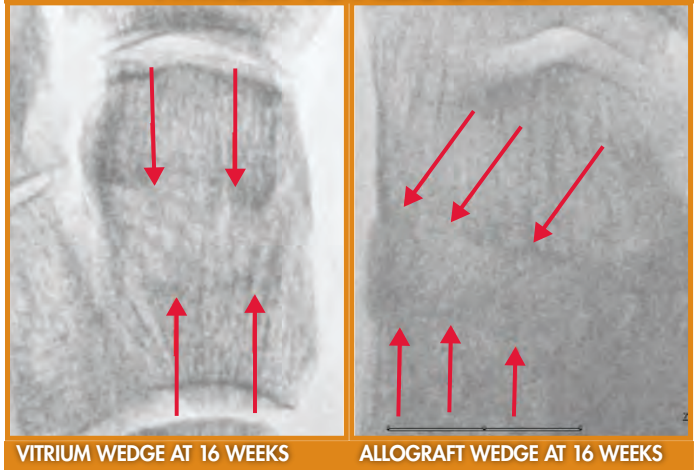
BIOACTIVE GLASS IMPLANTS

Vitrium[®] C/E

Alternative to Allograft & Porous Metals

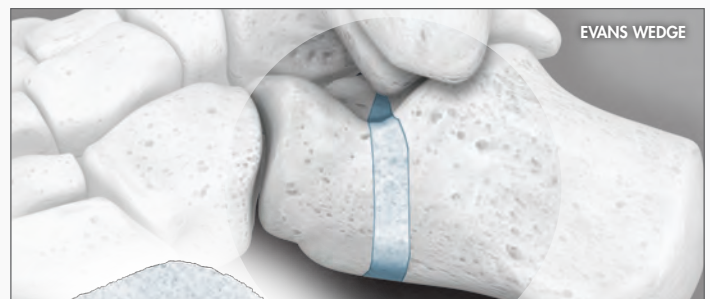
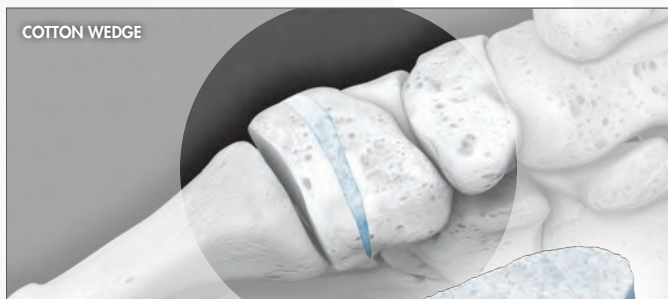
- Vitrium Bioactive Glass prompts the formation of a Hydroxyapatite (HA) layer to encourage bone formation
- Osteoconductive
- Three-dimensional, interconnected porous structure optimized for bone in-growth
- Compressive strength superior to cancellous bone
- Bioactive glass composition provides a safe and predictable resorption profile

VITRIUM VS ALLOGRAFT

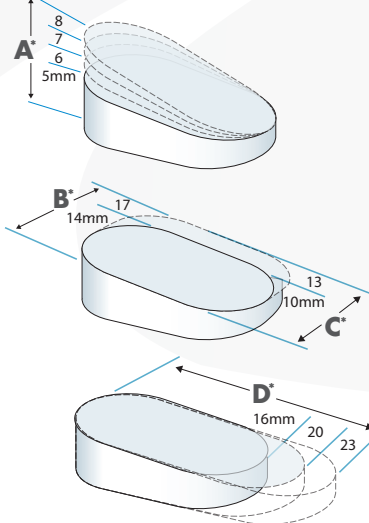


Vitrium's optimized material structure is a unique combination of bioactivity, resorbability and structural properties that easily distinguishes it from other available synthetic biomaterials.

Red arrows show the host bone integrating throughout and replacing the Vitrium Wedge vs. growing to the edge in localized areas but not incorporating into the allograft.



VITRIUM[®] C WEDGE



*Not all dimensions available in each size. Check table at right for correct options.

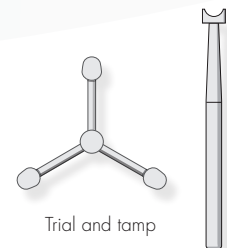
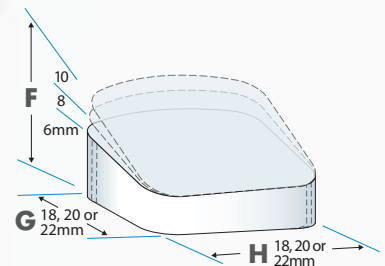
CAT NO.	SIZE [MM]
	A B C D
100 0054	.. 5 x 14 x 10 x 16
100 0055	.. 6 x 14 x 10 x 16
100 0056	.. 7 x 14 x 10 x 16
100 0058	.. 5 x 14 x 10 x 20
100 0059	.. 6 x 14 x 10 x 20
100 0060	.. 7 x 14 x 10 x 20
100 0061	.. 6 x 14 x 10 x 23
100 0062	.. 7 x 14 x 10 x 23
100 0231	.. 8 x 14 x 10 x 23
100 0063	.. 6 x 17 x 13 x 23
100 0064	.. 7 x 17 x 13 x 23
100 0232	.. 8 x 17 x 13 x 23

CAT NO.	SIZE [MM]
	F G H
100 0036 6 x 18 x 18
100 0038 8 x 18 x 18
100 0040	.. 10 x 18 x 18
100 0042 6 x 20 x 20
100 0044 8 x 20 x 20
100 0046	.. 10 x 20 x 20
100 0048 6 x 22 x 22
100 0050 8 x 22 x 22
100 0052	.. 10 x 22 x 22

DISPOSABLE INSTRUMENT KITS

- 100 0258 Vitrium[®] C Wedge
- 100 0259 Vitrium[®] E Wedge

VITRIUM[®] E WEDGE



Trial and tamp

CALL TO SCHEDULE
A SURGERY



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