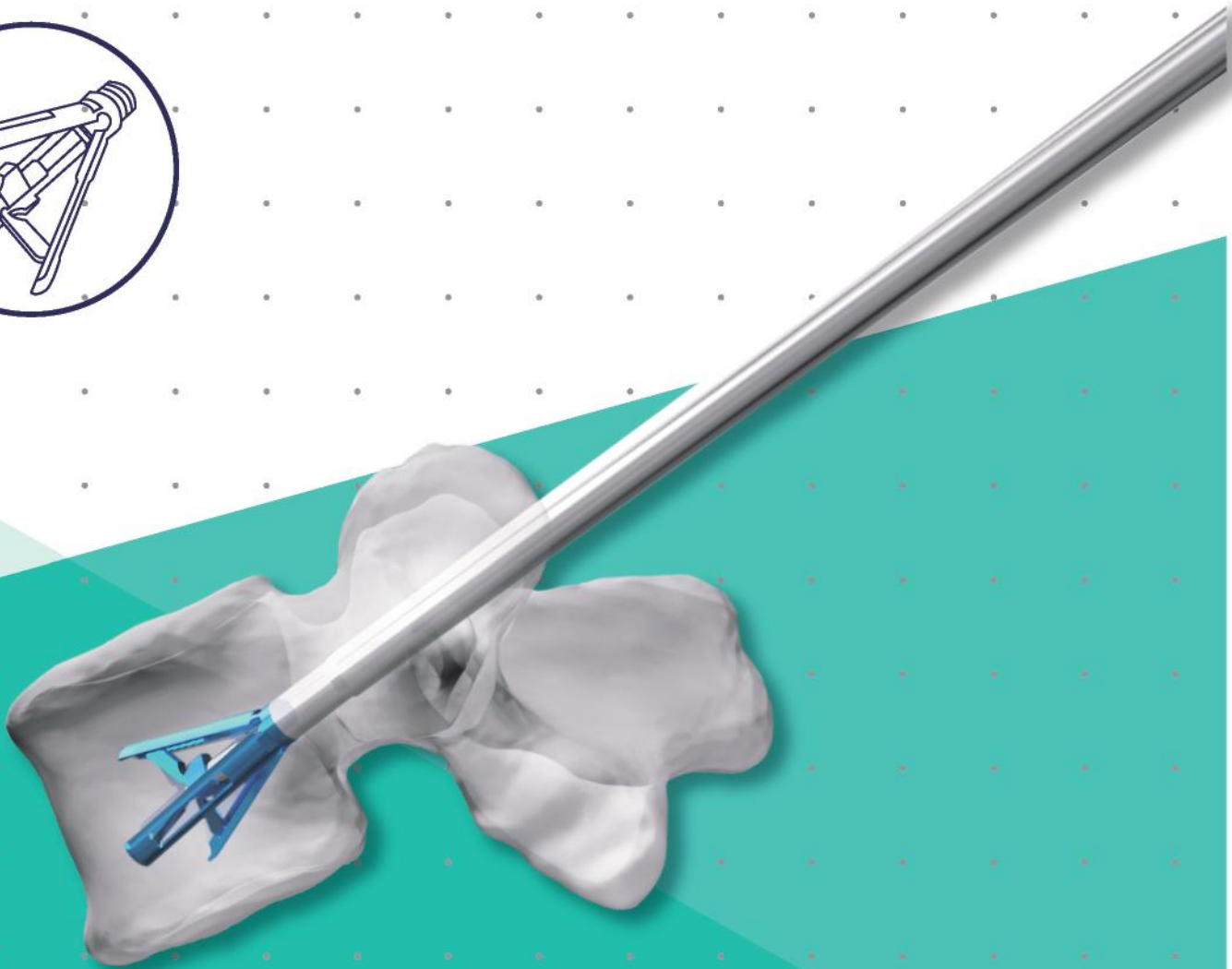
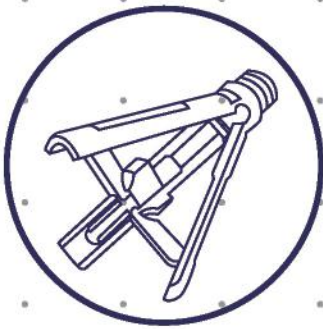


TRIPOD-FIX

VERTEBRAL BODY AUGMENTATION SYSTEM



TRIPOD-FIX Vertebral Body Augmentation System

Tripod-Fix Vertebral Body Augmentation System (Tripod-Fix) is designed for the treatment of vertebral compression fractures (VCFs), and it is intended to be used with polymethylmethacrylate (PMMA) bone cement for percutaneous vertebral augmentation.

The system consists of an implantable expansion stent and associated surgical instruments. The stent is inserted into the collapsed vertebral body, by following transpedicular approach and expanded mechanically to restore the anatomical height. Three-dimension expansion mechanism provides the solid support of vertebral height restoration.



Indication

Tripod-Fix Vertebral Body Augmentation System is indicated for use in the reduction of painful osteoporotic vertebral compression fractures. It is intended to be used in combination with polymethylmethacrylate (PMMA) bone cement during percutaneous vertebral augmentation surgery.



vertebral compression fracture

Feature & Benefit

Before Expansion



- Three-dimension expansion mechanism provides the solid support of vertebral height restoration.
- Anatomical height restoration and controllable implant expansion of vertebral compression fracture (VCF), especially for wedge fracture.
- Retractable device specifically designed to provide more safety for patient in case the implant repositioning is required during the operation.

After Expansion

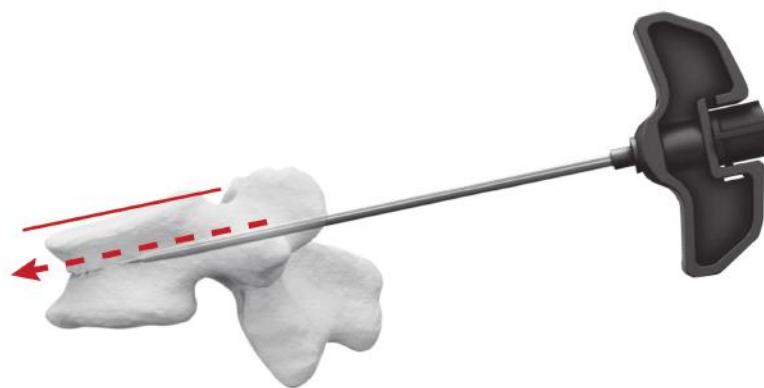
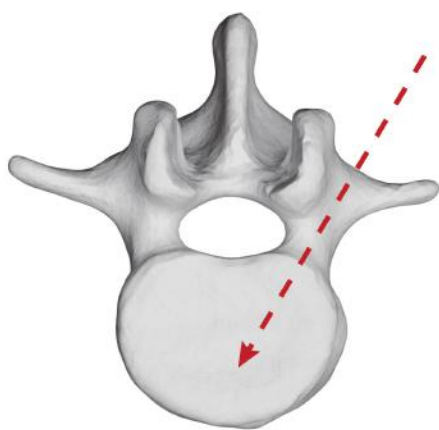


Side View



Front View

Surgical Approach Direction

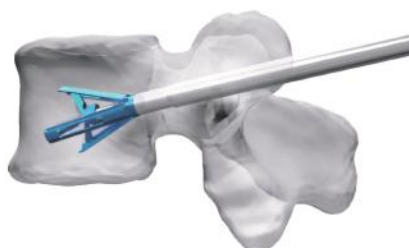


Transpedicular Approach

Implant Placement



Implant Placement



Implant Expansion



Bone Cement Injection

Product Specification

Expansion Stent (Sterile)








REF No.	40-465000	40-465800
Material	Ti-6Al-4V ELI	Ti-6Al-4V ELI
Color	Gold	Dark blue
Unexpanded Diameter (mm)	5.0	5.8
Length (mm)	25.0	28.0
Full Expansion Height (mm)	15.0	17.0
Minimum Pedicle Channel Diameter(mm)	5.7	6.5



Tripod-Fix Surgical Instruments




A. Instruments for Expansion Stent $\varnothing 5.0$ System & $\varnothing 5.8$ System

Implant Site Preparation and Implant Placement



REF No. $\varnothing 5.0$ System $\varnothing 5.8$ System	Name	Appearance
85035 85036	Driver	
70125 70125	Guide Wire	
85016 85006	Working Cannula	
85013 85004	Drill	
85029 85030	Cannula Plug	
85033 85034	Template	
85017 85008	Reamer	

Tripod-Fix Surgical Instruments

A. Instruments for Expansion Stent $\varnothing 5.0$ System & $\varnothing 5.8$ System Implant Site Preparation and Implant Placement

REF No. $\varnothing 5.0$ System $\varnothing 5.8$ System	Name	Appearance
85009 85009	Detacher	
85037 85037	Remove Screw	
8500103 8500103	Central rod (for remove)	

B. Instruments for Bone Cement Injection

REF No.	Name	Appearance
85010	Cement Pusher	
85011	Cement Transfer Tube	

wiltrom
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