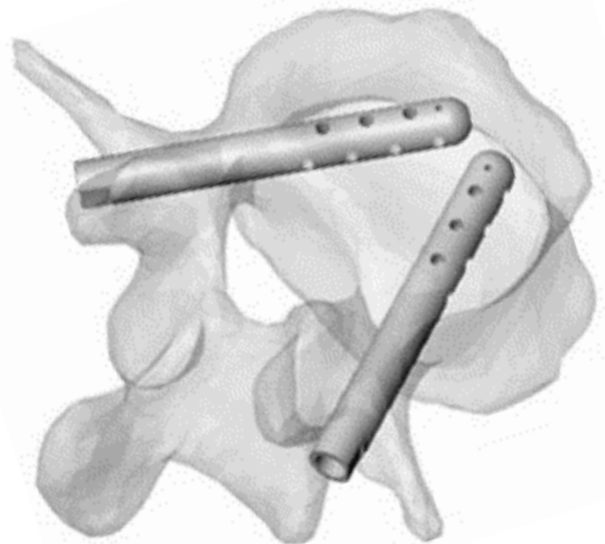


# hyprevention®

UNIQUE PEDICLE ANCHORAGE FOR VERTEBRAL BODY SUPPORT

 VSTRUT®

TRANSPEDICULAR  
VERTEBRAL SYSTEM



A STRUTPLASTY® TECHNIQUE FOR BONE CONSOLIDATION

[www.hyprevention.com](http://www.hyprevention.com)



## TRANSPEDICULAR VERTEBRAL SYSTEM

### PRODUCT & INDICATION

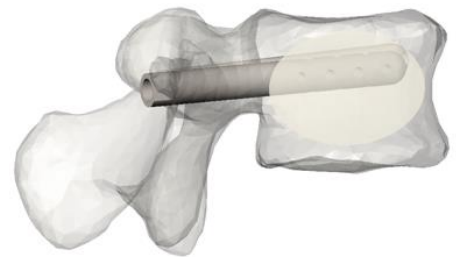


VERTEBRAL IMPLANT is indicated for use in the treatment of vertebral fractures in the thoracic and lumbar spine from T9 to L5. It is intended to be used in combination with Teknimed F20® bone cement.

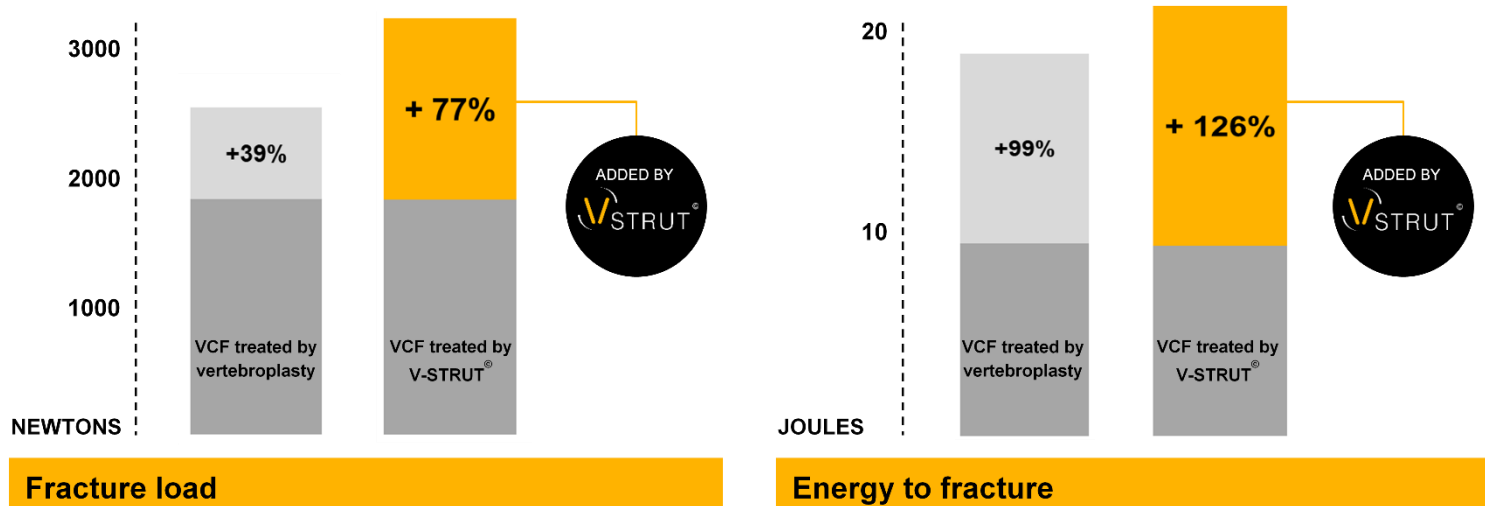
The implants are made of PEEK polymer.

#### MAIN CHARACTERISTICS

- Pedicle anchorage for endplate support
- Cement distribution control
- Easy and safe surgical technique (no technical challenge)<sup>1</sup>



### BIOMECHANICAL PERFORMANCE



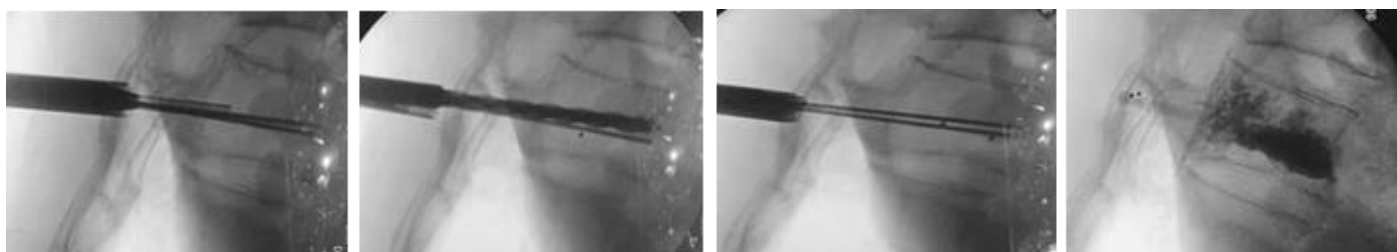
Results published in Clinical Biomechanics by Aebi et al, 2018<sup>5</sup>



## TRANSPEDICULAR VERTEBRAL SYSTEM

### PERCUTANEOUS SURGICAL TECHNIQUE

- *Vertebral height restoration done by patient positioning (postural correction technique)<sup>2-4</sup>*
- Transpedicular positioning of the trocar, followed by the guidewire
- Soft tissue dilation and protection tube
- Drilling of the implant location site
- Device implantation
- Vertebral body cementation



### RANGE OF SIZE TO FIT T9 TO L5 ANATOMIES

#### IMPLANT DIAMETER 5.5 mm

REF. 35540	L 40 mm
REF. 35545	L 45 mm
REF. 35550	L 50 mm
REF. 35555	L 55 mm
REF. 35560	L 60 mm

#### IMPLANT DIAMETER 6.5 mm

REF. 36540	L 40 mm
REF. 36545	L 45 mm
REF. 36550	L 50 mm
REF. 36555	L 55 mm
REF. 36560	L 60 mm

Implant provided sterile  
in single packaging





## TRANSPEDICULAR VERTEBRAL SYSTEM

### REFERENCES

1. Cornelis et al. *Medicina* 2019; 55, 426
2. Ng et al. *Int. J. Spine Surg.* 2016; vol. 10
3. Diel et al. *Eur. Spine J.* 2012; vol. 21, no. SUPPL. 6, pp. 792–799
4. Cawley et al. *J. Clin. Neurosci.* 2011; vol. 18, no. 6, pp. 834–836
5. **Aebi et al. *Clin Biomech.* 2018;56:40-45**
6. **Cornelis et al. *Cardiovasc Intervent Radiol.* 2021 : 10.1007/s00270-020-02719-8**

hy prevention®

PTIB - Hôpital Xavier Arnoz  
Avenue du Haut Lévêque  
33604 Pessac Cedex – FRANCE

#### FRANCE

[contact@hyprevention.com](mailto:contact@hyprevention.com)

T. +33 (0)5 57 10 28 52

#### USA

[usa@hyprevention.com](mailto:usa@hyprevention.com)

T. +1 (772) 228 3218

[www.hyprevention.com](http://www.hyprevention.com)



*Medical device*

*For more information, see the instructions for use  
PLA-HYP02-EN v07*

**PATENTED**

**FDA CLEARED (class II)**

**NOT CE MARKED**