

Article	Quantity	Art.-No.
VerteStable® Sets		
VerteStable® mini 3,00 (11G) x 125 mm	2	458030
VerteStable® mini 3,00 (11G) x 150 mm	2	458031
VerteStable® Components		
VerteStable® SIS	5	458040
VerteStable® cannula 3,00 (11G) x 125 mm	25	458043
VerteStable® cannula 3,00 (11G) x 150 mm	25	458044

VerteStable®

Vertebral body stabilisation with Vertebroplasty



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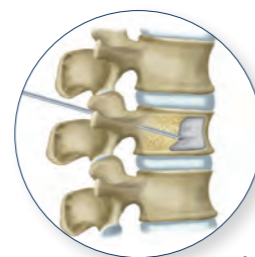


Vertebroplasty procedure

»Vertebroplasty is a procedure for the treatment of bone pain«

„Vertebroplasty is a medical treatment method which can be suitable for patients with back pain. For a variety of diseases that come along with strong bone pain of the vertebra good results were achieved with Vertebroplasty in the past. These diseases are predominately osteoporosis as well as the attack by tumors.

Bone pain originates by an increasing instability of the bone that leads to deformations of it. On the one hand the pain emergence due to the fracture itself but also due to the irritation of the surround-



ing periosteum. Because this periosteum is been fed by many „pain nerves“, the patient senses pain.

By using Vertebroplasty the lost bony structure is been compensated by bone cement, fragments are re-connected and the bone is stabilized from the inside. Thereby the painful deformation is prevented and the patient experiences a fast and long-lasting pain relief.“

Prof. Dr. med. Johannes Hierholzer

Chief physician of the diagnostic and interventional radiology
Ernst-von-Bergmann Clinic, Potsdam, Germany

VerteStable®

VerteStable® contains a minimally invasive application system for the treatment of vertebral compression fractures.



VerteStable® mini

The mini among Vertebroplasty application systems allows a cement filling of vertebral bodies with only one hand. Thus, VerteStable® mini offers a perfect pressure control and leakage reduction especially with the filling of small bone defects.

VerteStable® mini - Set Components	Quantity
VerteStable® mixing bowl & spatula	1
VerteStable® SIS	2
VerteStable® cannula	2
VerteStable® needle holder	1

VerteStable® single components



VerteStable® SIS

- Syringe with 3 ml capacity
- Ergonomical design and self-explanatory handling
- Operation with only one hand
- Significantly longer application times compared to conventional polycarbonate syringe
- Reduced risk of leakage by direct and perceptible force transfer
- Standard Luer connection for all standard vertebroplasty components



VerteStable® application cannula

- High stability (wall thickness 0.375 mm)
- Smooth edge
- Supplementary guide to penetration depth with engraved cm markings with 5 and 10 marks
- Low resistance during cement application with smooth internal cannula wall
- Good guiding properties with electropolished cannula surface
- The notch at the mandrin head enables the position of the cannula point to be located
- The solid metal attachment of cannula and mandrin withstands the impact of a surgical hammer
- Luer Lock connection for standard syringes

VerteStable® needle holder

(only available in the set VerteStable® mini)

- Reduced exposure due to longer distance to radiation source
- An anaesthetic cannula can be locked with or without syringe
- Avoidance of interfering X-ray shadows
- Assistance with removal of mandrin after cannula is correctly positioned
- Can be used for easy removal of cannula after application of cement



VerteStable® mixing beaker & spatula

(only available in the set VerteStable® mini)

- Convenient mixing of the cement
- Effective mixing of cement components
- PMMA - resistant material