



STRENGTH FOR LIFE

PROCEDURAL KITS FOR VERTEBROPLASTY

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Osteoporosis and metastasis may weaken the vertebrae to such a point that they fracture by effect of the compression generated by normal everyday activities, causing pain and difficult of movement in the patients.

Aimed at symptomatic treatment of pain to improve the

patient's movement capability and reduce the risk of new fractures, **percutaneous vertebroplasty** is a **minimally invasive** procedure whereby the vertebra is reinforced and stabilised by directly injecting bone cement for vertebral consolidation under fluoroscopic guidance.

NEEDLES FOR VERTEBROPLASTY AND BONE BIOPSY

AISI 304 stainless steel needles for percutaneous vertebroplasty and bone biopsy procedures.

The **handle design** and the **excellent cutting capability** ensure perfect manoeuvrability and control for minimally invasive access to the vertebral body.

The graduated scale and the radiolucent material of the handle facilitate accurate needle positioning at the

same time ensuring optimal visibility of the area being treated throughout the procedure. Available with "**bevel**" or "**trocarn**" tip.

The **bone biopsy needle** (available in the versions suitable for **11** and **13** gauge access needles) has a "fishmouth" tip and a coaxial stylet for tissue sampling in the vertebral body.



V-ACCESS™

GAUGE	LENGTH (mm)	KIND OF TIP	REF
11	120	Bevel Tip	VV11 120-5
11	150	Bevel Tip	VV11 150-5
13	120	Bevel Tip	VV13 120-5
13	150	Bevel Tip	VV13 150-5
15	120	Bevel Tip	VV15 120-5
15	150	Bevel Tip	VV15 150-5

V-HP Gun™

High pressure system dedicated to the injection of radiopaque bone cement

The large winged screws allows a perfect handling and a complete control during the injection when applying pressure. V-HP Gun™ gives the surgeon a larger working window to perform the procedure.

The light weight allows a easy control during the whole procedure. The syringe, completely separated from the handle, allows an easy aspiration of cement. Thanks to the ON-OFF buttons it is possible to interrupt the flowing of cement with immediate decrease of the pressure.



PRODUCTS	DESCRIPTION	REF
V-HP Gun™	High pressure system dedicated to bone cement injection during vertebral consolidation procedures	900165

KITS FOR VERTEBROPLASTY

The V-KIT for vertebroplasty includes V-HP Gun and one V-ACCESS™ needle. It is recommended to use them in combination with G21's bone cements for vertebral consolidation.



V-KIT 01™

- Needle for vertebroplasty V-ACCESS™ x1
- V-HP Gun™ x1

PRODUCT	DESCRIPTION	REF
V-KIT 01™	V-HP Gun + V-ACCESS bevel tip 11G 120mm	VK01 11 120 5
V-KIT 01™	V-HP Gun + V-ACCESS bevel tip 11G 150mm	VK01 11 150 5
V-KIT 01™	V-HP Gun + V-ACCESS bevel tip 13G 120mm	VK01 13 120 5
V-KIT 01™	V-HP Gun + V-ACCESS bevel tip 13G 150mm	VK01 13 150 5
V-KIT 01™	V-HP Gun + V-ACCESS bevel tip 15G 120mm	VK01 15 120 5
V-KIT 01™	V-HP Gun + V-ACCESS bevel tip 15G 150mm	VK01 15 150 5



Biopsy KIT With 3-ml syringe and sampling tube

LENGTH (mm)	DIAMETER (gauge)	REF
190	Dedicated to 11 gauge cannulas	VV11 190-8
190	Dedicated to 13 gauge cannulas	VV13 190-8

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