

Vertebral compression fracture treatment

see also [Thoracolumbar spine fracture treatment](#).

see also [Thoracolumbar spine fracture surgery indications](#).

In the majority of cases, the method of treatment is [percutaneous vertebroplasty](#) (PV) or [kyphoplasty](#) (PK).

The [transpedicular approach](#) in [percutaneous vertebroplasty](#) (PVP) is a well-established approach for the treatment of [vertebral compression fractures](#) (VCFs).

VCFs harbored 1.11% of unexpected malignancy. During the vertebroplasty, concomitant transpedicular vertebral biopsy is a safe and useful procedure for distinguishing non-malignant from malignant compression fractures, especially in diagnosing unsuspected malignancy ¹⁾.

[Vertebroplasty](#) for medically refractory vertebral [compression fractures](#) (VCF) may offer sustained improvement in pain and function. The procedure is associated with low morbidity and mortality ²⁾.

¹⁾

Chou KN, Lin BJ, Chien LY, Tsai WC, Ma HI, Hueng DY. Simple transpedicular vertebral biopsy for diagnosis of malignancy in vertebral compression fracture. *Neurol India*. 2013 Nov-Dec;61(6):587-92. doi: 10.4103/0028-3886.125249. PubMed PMID: 24441324.

²⁾

Mukherjee S, Yeh J, Ellamushi H. Pain and functional outcomes following vertebroplasty for vertebral compression fractures - A tertiary centre experience. *Br J Neurosurg*. 2015 Oct 20:1-7. [Epub ahead of print] PubMed PMID: 26485360.

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