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Application of Cement on Strategic Vertebrae in the Treatment of the Osteoporotic Spine

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Background context: Application of pedicle screws with cement in order to strengthen the fixation of the osteoporotic spine has increasingly gained popularity. However, the technique has also led to an increase in cement-related complications.

Purpose: The aim of this study was to compare the clinical and radiological results of the patients with degenerative spinal pathologies who were treated with pedicle screws and cement injections on all segments versus those who were treated with cement injections only on the strategic vertebrae selected.

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