

Review of: "Identification of Epidural Space: A Comparison Study Between Contrast Spread and Loss of Resistance Techniques"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

General Remarks

In this small, prospective study by a single operator at a single institution, the author addressed the hypothesis that the contrast spread technique using fluoroscopy is superior to loss of resistance techniques (LORT) in identifying epidural space. The results showed superiority of fluoroscopy only method over LORT.

While LORT is customarily used among clinicians, comparison studies seem to be scarce. The theme of the study is challenging but the author achieved his goal. The study, which has been approved by ethical committee, seems to have no apparent technical flaws. Limitations and critiques are well described in Discussion. Although further investigation will be necessary, the present study certainly has clinical significance.

Major Comments

none

Minor Comments

none