

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

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A very interesting topic which has been presented to utmost honesty. Notwithstanding that is a small cohort single center study with some amount of bias evident from authors side for contrast spread technique. My biggest concern is use of dye itself which in itself poses a significant risk if inadvertently injected intrathecally or intravascularly. Second is the advantage this technique in finding the space vis a vis LOR technique, it is questionable with such small cohort. Especially I would have liked if using LOR technique the epidural space is identified and then checked with dye instead of vice versa. Also a sample size calculation prior to starting the trial is done in a RCT. In addition separate sizes of needle warrants separate sub cohort or study per se. These will make it robust and scientifically on a firm ground. But nevertheless I liked this approach esp using 25 G needle. Aim should be successful and accurate identification of the epidural space.