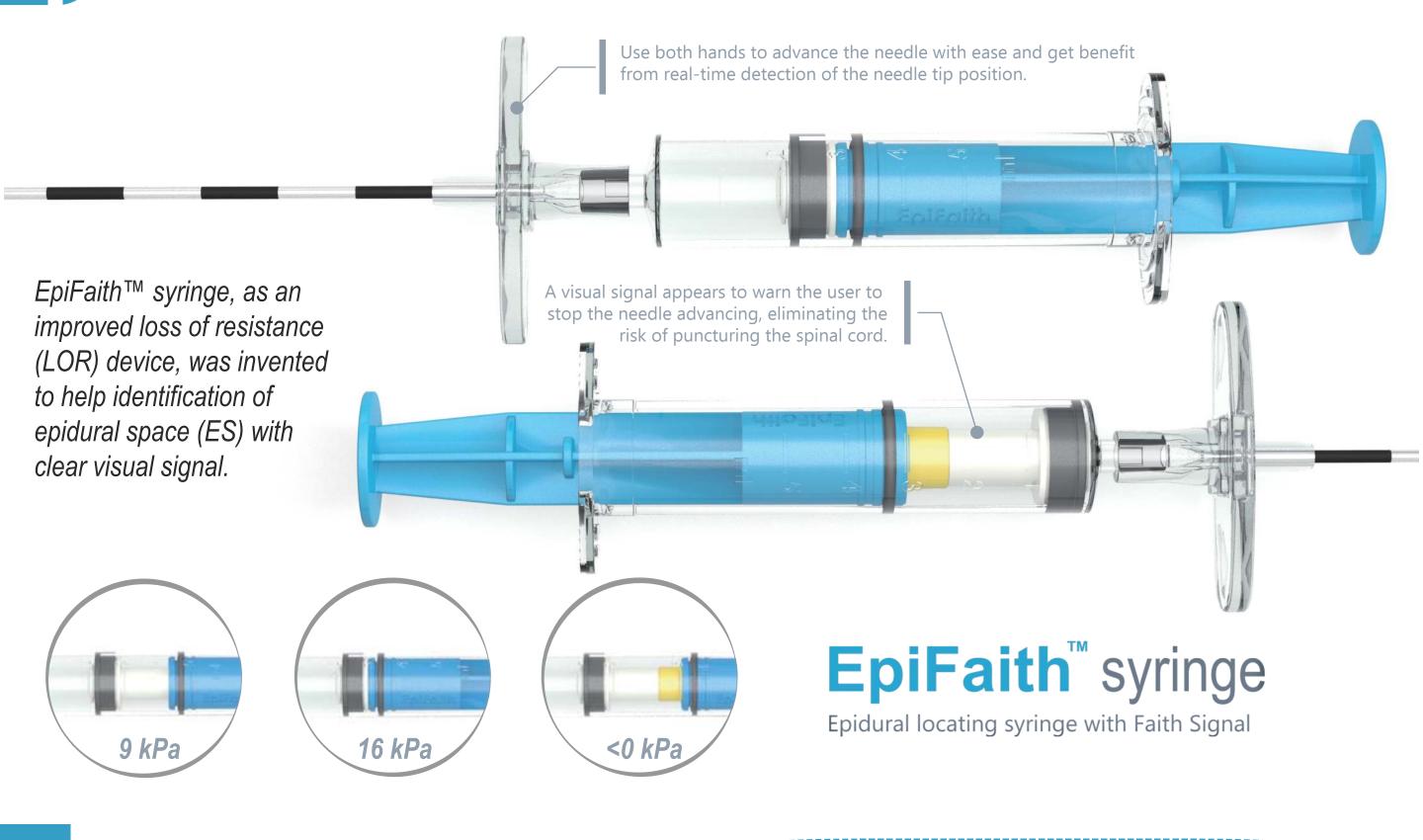
EpiFaith™ Syringe: The Novel LOR Device to Assist the Identification of Epidural Space in Ex- Vivo And In- Vivo Porcine Model

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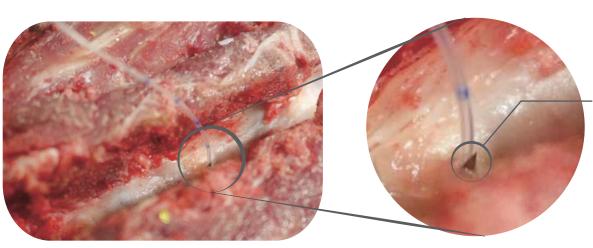


Ex- vivo test:

- A fresh porcine spine with 1/3 bilateral ribs, and the vetebral bodies removed.
- Both gas and saline were used, 10 atempts in each group.







The protruding lengthes of needle tip were <1mm

In- vivo test:

- A 95kg Swine.
- 4 attempts with saline were performed by paramedian approach.
- Contrast dye was injected after the cathter was inserted to comfirm whether the needle location was correct.







The correct spreading of contrast dye were found in all four attempts, suggesting the needle was located successfully.

