Review of: "L4-L5 Anatomy Classification System for Lateral Lumbar Interbody Fusion"

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Potential competing interests: No potential competing interests to declare.

The authors investigated neurovascular and muscular anatomical classification at the level of L4-5 on magnetic resonance image in patients underwent lumbar surgery. They found that both neuro and vascular tissues might be located on trajectory of inserting implants for lateral lumbar inter body fusion in 12% patients.

The data is interested to spinal surgeons and neurosurgeons, as well as researchers in the field. I would like to recommend several considerations.

1. Could you compare between your new classification and previous classification such as Moro's?
2. Could you show inter or intra-observer reliability of this classification?
3. Please show how methods of magnetic resonance image in this study.
4. Could you explain the procedure of LLIF prone in Table 3 using citation?