**Editorial comments:**

1. Please expand the Introduction to be 3-6 paragraphs with sufficient references.

- The authors expand the Introduction to be 3 paragraphs with references.

2. Additional details are needed in the manuscript. Please see the comments in the attached manuscript.

- The authors rewrote them basically according to the instructions of the editor. Also, I think that lack of information is sufficiently supplemented with video.

3. Veterinary Review:

The use of the needles is an unique method for providing external fixation for the fracture that was created (see attached picture). Thus, the use of the needles don’t specifically concern me. However, the lack of analgesia is a major welfare concern and I am quite surprised that this was not brought up by the reviewers. Fracture models are considered to cause significant pain and only using lidocaine on the skin is unacceptable. The mice should have received pre-emptive analgesics prior to the surgery and been maintained on appropriate analgesics for the length of the study.

- We apologize for the incomplete description. I described the current anesthesia that improved the method that was done in the past, consideration for distress.