**Aaron Berard, PhD**

**Science Editor**

*Journal of Visualized Experiments*

11-10-18

Dear Dr. Berard,

Please accept our submission entitled, “*In-vivo* protocol of controlled subconcussive head impacts: validation of field study data” for publication in the Journal of Visualized Experiments*.* The manuscript has not been submitted for publication elsewhere. This manuscript outlines a subconcussive soccer heading model (SSHM) which is emerging as a reliable and leading methodology for examining the neural impact of subconcussive hits to the head. Our manuscript details a stepwise explanation of the SSHM, as well as the background and necessity for researching subconcussion. Furthermore, we supplement the efficacy of the SSHM by presenting results from a previous study of ours, in which the SSHM was utilized. Lastly, we show how the SSHM exhibits vast clinical relevance and implications, which will undoubtedly intrigue the scientific community.

Thank you for the invitation to submit.

Sincerely,

Keisuke Kawata, PhD, ATC