Title: An analysis of the foot in turnout using a dance specific 3D multi-segment foot model

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Author's response to reviews:

Reviewer 2

"Line 275 onwards, suggest reword to be a bit clearer by addition of the capitalised words:

Existing: The lowering of the medial longitudinal arch was determined using the HEIGHT OF THE marker on the navicular tuberosity, i.e. navicular drop(15). Navicular height in relation to the laboratory coordinate system (in millimetres) was analysed with the variation in height from the natural double leg up-right posture indicating navicular drop. Navicular drop was classified........"

Thank you for this comment. I have added the words "height of the"

Line 465: Consider rewording and replacing word "from" with something more appropriate

Thank you for your comment. There were two "from" in the sentence, so hopefully I have corrected the right one. The sentence now reads " Motion analysis could be used in conjunction with visual and audible cues from the educator to provide positive reinforcement and constructive criticism on their landing technique; instructing the dancer to not collapse through the feet."

Line 469: Remove repetition of dancer in sentence.
I have removed one.

Line 579: check type error "Dancers in"

Thank you for highlighting this. I have removed the word.

Editor: Please note a minor formatting comment:

Use lower case italicised p to indicate p values.

I have changed them to a lower case.

Consider deleting "and signed a consent form prior to data collection" within your abstract as this is implicit in your ethical committee approvals and research governance procedures.

I have removed this line from the abstract.

Thank you to all the reviewers!