Dear Editor,

Thank you very much for giving us the opportunity to submit a revised version of our manuscript untitled: “*Balance control during gait initiation: state-of-the-art and research perspectives*” to the World Journal of Orthopedics.

The manuscript was scrupulously revised according to each remark of the seven reviewers. The main changes were the following:

- A summary of the main points is now added at the end of each paragraph;

- Three new illustrations are added;

- The definition of some basic notions used throughout the manuscript (e.g. base of support, center of pressure, center of mass, gait initiation) is also provided;

- The importance of investigating balance control mechanisms in the orthopedics field is further stressed in the Introduction.

With these changes required by reviewers 02444715 and 02705018, we do believe that the reader could understand the manuscript with less effort.

The details of the point to point reply to each reviewer appear in the file “35002-Answering reviewers”.

We also replied to each comment of the Editor in the main text of the manuscript (cf. the bold replies at the end of each comment).

Finally, six out of the seven reviewers evaluated the language of our manuscript with the grade “A”. The remaining reviewer (02444715) provided a “C” for the language evaluation but, at the same time, acknowledged that the paper was “well written in a comprehensive way and clear”. Finally, would you please note that all authors of the present review are fluent in English and regularly publish in international peer review journals. Though, this paper was proofread by a native English (Dr. Gibas D, cf. Acknowledgments). We thus think that the language of the manuscript meets the requirements of academic publishing.

Sincerely yours,

E. Yiou, on behalf of the co-authors, Teddy Caderby, Arnaud Delafontaine, Paul Fourcade, Jean-louis Honeine