Title: Please write IOR in full
Title: please consider shortening and rephrasing grammar of second part to eg. application to kinematics of feet in teenagers.

If the Journal’s Editor and the reviewers do agree with the authors, we are suggesting to change the acronym “IORfoot” used to describe the multisegment foot model (first reported in Leardini et al., 2007), in Rizzoli Foot Model. By doing so, the new title would be the following:

“Modifying the Rizzoli Foot Model to improve the diagnosis of pes-planus: application to kinematics of feet in teenagers”

Abstract, line 54: Change the word ?tweak? to ?modify?
Ok.

Abstract, line 62: Write IOR in full
According to the comment above, Rizzoli Foot Model has been written in full.

Background, line 88: Please write IOR in full alongside the abbreviation as this is the first time it is used in the manuscript.
The full “Rizzoli Foot Model” along with its abbreviation RFM has therefore been written in line 88. All the “IORfoot” recurrences in the text have been replaced with RFM.

Methods, line 161: You report results as descriptive, mean, range and standard deviation, therefore please add a sentence on statistical analysis methods at the end of the methods section.

This pilot descriptive study in fact did not require any detailed statistical analysis. The authors might have shown the quite marked statistical difference between the old and the new kinematic protocol values for the calcaneus varus/valgus
offset angle. For the small sample size, it was preferred to show this result as ranges of intra-subject difference between old- and new-protocol varus/valgus offsets, which were grouped according to a more valgus or more varus orientation.

The authors would like to point out that the mean and standard deviation values were reported in the Results following explicit request of one of the two reviewers. These are meant to provide quantitative information on the consistency of the kinematic data. Since no statistical analysis, except for basic means and standard deviations, were performed, we do not consider as useful to the readership to add this trivial information in the Methods section.

Please check caption heading ?Figure 1? as the image is overlaying the letters.

The authors do not quite understand where the overlying actually occurs in the figure. If the comment relates to the text “Figure 1” (left bottom) on top of the caption letter (C), this can be easily fixed by extending the lower margin of the figure. “Figure 1” has been automatically added to the figure by the JFAR pdf creation process.