A Review of the Mechanism of Hip Prosthesis Dislocation and Methods to Reduce the Risk of Dislocation.

General Recommendation: Good - publish after minor revision

Comments to Author:
Thank you for conducting an in-depth and practical review of the topic.

Title and abstract
The title is consistent with the presented problem and reflects the main message of the study. In my opinion the abstract gives an adequate picture of the entire article.

Introduction
I think the introduction section is too short, I mean, just now the abstract is more extend than the introduction. I suggest authors to add some information explaining the important ideas of other authors that have published systematic reviews and meta-analyses of this topic in the last years. Then, authors can introduce the novel vision of this review taking into account the biomechanics of the hip after its replacement.

The sections of Material & methods and Results are quite strange as no systematic review was made. Moreover, authors explained that an analysis of the x-rays of dislocated hip prostheses was made. Thus, I suggest authors to explain more about this analysis (are the results published anywhere? In that case, which is the reference? The ethics aspects were considered? And so onâ€¦ I mean, authors are explaining that they made another observational study or they want to say that taking into account their clinical experience and the literature they wrote this narrative review. In that case, I would add this information in the introduction or in the section of Review.

Review Text
The review presents the subject in depth.

Conclusions
The conclusions are logically valid and justified by the evidence provided.

Tables and Graphics
The original images have been removed because they were not clear as there were a lot of lines representing all the muscles. However, I suggest authors to use images presenting a mean muscle force vector for each direction. These images would be more simple and easily to understand from a biomechanical point of view. I mean these mean vectors could easily represent the problem of muscular imbalance.

References
The references employed are up-to-date.

General comments to the Authors
Thank you for conducting an in-depth and practical review of the topic.

Overall publication value

Message to the Editor (optional)

Verdict