

Reviewer #1:

Scientific Quality:

Grade B (Very good)

Language Quality:

Grade A (Priority publishing)

Conclusion:

Major revision

Specific Comments to Authors:

1. The review articles on this subject belong to the year 2019, The manuscript is a well-written study to update the information. The authors cited a single 2021 study as an example. Other studies are from 2019. Authors should cite more examples than recent articles. 2. In the introduction, information should be added about which joints are affected by AS, the duration of the damage it causes in the hip joint, and the detailed mechanism to the hip destruction

Response to Reviewer 1

Thank you for the feedback

1. *The references have been updated*
2019 onwards - 10 references
2010-2018 - 31 references
2000-2010 - 11 references
Prior to 2000 - 11 references
2. *The details on the hip joint involvement, other joints and hip destruction, duration have been included in the introduction. The hip destruction details, mechanism have been described.*

Science editor

The review articles on this subject belong to the year 2019, The manuscript is a well-written study to update the information. The questions raised by the reviewers should be answered;

Completed as stated above

(3) Format: There is 1 table and 9 figures; (4) References: A total of 57 references are cited, including 21 references published in the last 3 years; (5) Self-cited references: There is 1 self-cited reference. The self-referencing rates should be less than 10%. Please keep the reasonable self-citations (i.e. those that are most closely related to the topic of the manuscript) and remove all other improper self-citations. If the authors fail to address the critical issue of self-citation, the editing process of this manuscript will be terminated

As stated only One self-reference – relevance is to AS treated with THA and shortening osteotomy

The “Author Contributions” section is missing. Please provide the author contributions;

Provided – in the manuscript also

(2) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor; and (3) If an author of a submission is re-using a figure or figures published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published; and correctly indicating the reference source and copyrights. For example, “Figure 1 Histopathological examination by hematoxylin-eosin staining (200 ×). A: Control group; B: Model group; C: Pioglitazone hydrochloride group; D: Chinese herbal medicine group. Citation: Yang JM, Sun Y, Wang M, Zhang XL, Zhang SJ, Gao YS, Chen L, Wu MY, Zhou L, Zhou YM, Wang Y, Zheng FJ, Li YH. Regulatory effect of a Chinese herbal medicine formula on non-alcoholic fatty liver disease. World J Gastroenterol 2019; 25(34): 5105-5119. Copyright © The Author(s) 2019. Published by Baishideng Publishing Group Inc [6]”. And please cite the reference source in the references list. If the author fails to properly cite the published or copyrighted picture(s) or table(s) as described above, he/she will be subject to withdrawal of the article from BPG publications and may even be held liable. 6 Re-Review: Required. 7 Recommendation: Conditional acceptance.

All original pictures as per specifications provided in the power point

All figure legends corrected, modified provided in the manuscript and power point

All figures are from our own institution – xrays taken, patients identity not present, and part of other studies with IRB approval.

(2) Company editor-in-chief:

I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Orthopedics, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. Before final acceptance, uniform presentation should be used for figures showing the same or similar contents; for example, "Figure 1 Pathological changes of atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ...".

All figures correction, modifications done, figure legend, marking all provided in the powerpoint also