

Dear Editor,

We thank the reviewers and editorial team for taking their efforts to improve the article to increase its value for publication. Herewith we submit the revised version of the article addressing the reviewer's comments and the action taken for their valuable suggestions have been mentioned below.

Reviewer 1 comments	Author's response	Action taken
I recommend expanding the discussion to highlight more innovative aspects, such as proposing new research directions or theoretical models that could shape future studies.	Thanks for your response	Addressed and highlighted
You have discussed the need for future research on large-scale comparative studies and standardized harvesting protocols, which is a forward-looking approach. To enhance this section, consider providing more details on how emerging technologies, such as single-cell sequencing, advanced imaging techniques, or even artificial intelligence-based analysis, could be integrated to optimize harvesting and MSC therapies.	Thanks for your response	Addressed and highlighted
The manuscript outlines the pros and cons of different harvesting sites and addresses technical considerations like patient positioning and aspiration techniques. Including more detailed guidelines or best practices could make the review more practical for clinicians. For instance, specific recommendations for different patient populations, such as older adults or those with osteoporosis, would be valuable.	Thanks for your response	Addressed and highlighted
While the review provides a good overview, many conclusions are based on studies with small sample sizes or lacking direct comparative evidence. This limits the robustness of the conclusions. Please consider including more critical analysis of these limitations and explicitly stating how future studies could be designed to address these gaps.	Thanks for your response	Addressed and highlighted
Although personalized approaches are briefly mentioned, the review could benefit from a more in-depth discussion. You could elaborate on how patient-specific factors, such as age, bone density, or comorbid conditions, might influence the choice of harvesting sites and how these factors could be incorporated into personalized treatment plans	Thanks for your response	Addressed and highlighted