1 Reviewer #1:

Scientific Quality: Grade B (Very good)
Language Quality: Grade B (Minor language polishing)
Conclusion: Accept (General priority)
Specific Comments to Authors: This was a retrospective study to observe the clinical effect of guided bone regeneration (GBR) in repairing bone defect after enucleation of small and medium-sized odontogenic keratocysts. The application of odontogenic keratocyst extraction combined with GBR can shorten the time of osteogenesis, increase the amount of new bone formation, reduce complications, and improve quality of life. GBR has good prospects for application in the treatment of odontogenic jaw cyst. This method is worth applying in the jaw cyst treatment. Are there any reference evidence of standard for small and medium size of jaw cyst?

Answer: Thanks for your suggestions.

        Through literature review, cysts larger than 4cm in diameter are defined as large jaw cysts, while cysts less than 4cm in diameter are defined as small or medium jaw cysts. Relevant references are listed below:


Meanwhile, there are various treatment for jaw cysts, such as for larger jaw cysts (more than 4 cm), fenestration and decompression should be performed first, and the second stage curettage should be performed when the cyst cavity has shrunk, in order to reduce the recurrence rate. Some studies have shown that the average healing time of the defect caused by small jaw cysts is 1 year, while that of larger jaw cysts is 2–5 years. In recent years, with the rapid development of oral materials and transformation of treatment of jaw cysts, more options are available for treatment of postoperative bone defect of jaw cysts, such as autogenous bone graft, β-tricalcium phosphate for bone substitution. Relevant references are listed below:


We have already added the above information to our revised manuscript.
2 Science editor:
The study evaluated the application of odontogenic keratocyst extraction combined with guided bone regeneration in small and medium-sized odontogenic keratocyst. This treatment shorten the time of osteogenesis, increase the amount of new bone formation, reduce complications. However, the sample size of this study was small and the follow-up time was short, so the author needs to further improve the research.
Language Quality: Grade B (Minor language polishing)
Scientific Quality: Grade B (Very good)

Answer: Thanks for your suggestions.

CONCLUSION
The application of odontogenic jaw cysts extraction combined with GBR can shorten the time of osteogenesis, increase the amount of new bone formation, reduce complications, and improve quality of life. It has good prospects for application in the treatment of odontogenic jaw cysts. However, this study also has some limits, such as insufficient sample size and short follow-up time, we needs further to increase the sample size, the results obtained will be more persuasive.

We have already added the above information to our revised manuscript.

3 Company editor-in-chief:
I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Clinical Cases, 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. 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. Authors are required to provide standard three-line tables, that is, only the top line, bottom line, and column line are displayed, while other table lines are hidden. The contents of each cell in the table should conform to the editing specifications, and the lines of each row or column of the table should be aligned. Do not use carriage returns or spaces to replace lines or vertical lines and do not segment cell content. Please upload the approved grant application form(s) or funding agency copy of any approval document(s).

Answer: Thanks for your suggestions. We have completed and uploaded as required.