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Dear editors,

Thank you very much for your timely handling of our manuscript entitled “**Multimodality imaging and treatment of paranasal sinuses NUT carcinoma: A case report**” (Case Report, ID: 79438). We appreciate all the comments from the reviewers and revised the manuscript. We believe that the revised manuscript will be improved to meet the high standard of *World Journal of Clinical Cases*.

Thank you again and we look forward to hearing from you.

With best regards,

Sincerely,

Lei Kang, MD, PhD

Associate Professor, Associate Chief Doctor

Vice Director

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Responses to Reviewers' Comments

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade A (Priority publishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: Dear author Thank you so much for presenting rare cases and using multi-modality for diagnostic and stage paranasal sinuses NUT carcinoma and how to treat it. But there is one thing that I would like to suggest. It is also necessary to show the potential energy (kVp) of the CT-Scan because the HU value depends on the X-ray energy.

Response: We thank the reviewer for taking time to assess our work and providing these valuable comments. We have provided the information about potential energy (kVp) of the CT-Scan in the case presentation session as follows: The patient is placed in the supine position for computed tomography (CT) scans. The scanning range was from the inferior orbital wall with the tube voltage at 120 kV and the tube current using the automatic mA technique.

Reviewer #2:

Scientific Quality: Grade D (Fair)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: Regarding the manuscript: Comment on "Multimodality imaging and treatment of paranasal sinuses NUT carcinoma: A case report" The authors reported a rare case of paranasal sinuses NUT carcinoma which was diagnosed by computed tomography, magnetic resonance imaging, fluorescence in situ hybridization (FISH) and immunohistochemistry. This case report seems to be meaningful in clinical practice to remind that the possibility of NMC should be considered for patients with rapidly progressing sinus tumors and poor response to initial treatment, and additional immunohistochemical staining with anti-NUT should be performed as soon as possible. However, I suggest that this manuscript could be supported by the following minor corrections.

1. In page 3 and 5, the authors described "Heat therapy plays an important role in the treatment of tumors.", however, this comment may not be supported by this case and suggested reference 4. Moreover, the authors mentioned "The efficacy of heat therapy cannot be determined yet." in page 4. Thus, I recommend a correction to more appropriate description.

Response: We thank the reviewer for taking time to assess our work and providing these valuable comments. These some suggestions mentioned above have been revised in the manuscript as follows: Heat therapy uses the bio-thermal effect of non-ionizing radiation physical factor to heat up the tissue and kill the tumor tissue or promote the apoptosis of tumor cells [4]. This case is the first attempt to apply heat therapy and SDT in the treatment of NMC. This case is the first attempt to apply heat therapy in the treatment of NMC, unfortunately, the prognosis remained poor.

2. In page 3 and 4, "acoustic dynamics" was mentioned several times, for which the addition of explanation of "acoustic dynamics" may be recommended for easy understanding of readers.

Response: We have supplemented the corresponding explanation in the manuscript. The revised content is as follows: Sonodynamic therapy (SDT) is a non-invasive method of anti-cancer treatment using chemical sonosensitizers and high-intensity focused ultrasound, the cancerous tissue is destroyed or denatured using a concentrated, high-intensity ultrasound beam [5].

3. It looks that the stylistic improvement in English expression is needed for the most part. I hope that my comments could be helpful for both authors and readers and appreciate for the patience of editors.

Response: Thank you very much for your patient review. This manuscript was edited for proper English language, grammar, punctuation, spelling, and overall style by one native English-speaking editor.

Reviewer #3:

Scientific Quality: Grade A (Excellent)

Language Quality: Grade A (Priority publishing)

Conclusion: Accept (High priority)

Specific Comments to Authors: Dear Authors, I enjoyed reading the case report and thank you for sharing the interesting case. The case is well documented and investigated and well written. It was easy to follow.

Response: We thank the reviewer for taking time to assess our work.

Finally, we would like to thank the Editor and reviewers again for the constructive and detail-oriented comments, as well as your patience with our study!