PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases
Manuscript NO: 76360
Title: Effects of intravascular photobiomodulation on motor deficits and brain perfusion images in intractable myasthenia gravis: a case report
Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed
Peer-review model: Single blind
Reviewer’s code: 05104705
Position: Peer Reviewer
Academic degree: MD
Professional title: Surgeon
Reviewer’s Country/Territory: China
Author’s Country/Territory: Taiwan
Manuscript submission date: 2022-03-14
Reviewer chosen by: AI Technique
Reviewer accepted review: 2022-03-24 00:30
Reviewer performed review: 2022-03-24 11:10
Review time: 10 Hours

<table>
<thead>
<tr>
<th>Scientific quality</th>
<th>[Y] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[ ] Grade C: Good</th>
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<tbody>
<tr>
<td></td>
<td>[ ] Grade D: Fair</td>
<td>[ ] Grade E: Do not publish</td>
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<tr>
<th>Language quality</th>
<th>[ ] Grade A: Priority publishing</th>
<th>[Y] Grade B: Minor language polishing</th>
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<tr>
<td></td>
<td>[ ] Grade C: A great deal of language polishing</td>
<td>[ ] Grade D: Rejection</td>
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<tr>
<th>Conclusion</th>
<th>[Y] Accept (High priority)</th>
<th>[ ] Accept (General priority)</th>
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<tr>
<td></td>
<td>[ ] Minor revision</td>
<td>[ ] Major revision</td>
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| Re-review | [ ] Yes | [Y] No |
SPECIFIC COMMENTS TO AUTHORS
This is a good case. And if it is true, there are more cases to study. It is very valuable.
The myasthenia gravis is a refractory autoimmune disease. The patients can develop muscle weakness crises, even life-threatening.
Name of journal: World Journal of Clinical Cases

Manuscript NO: 76360

Title: Effects of intravascular photobiomodulation on motor deficits and brain perfusion images in intractable myasthenia gravis: a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05395205

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Postdoc

Reviewer’s Country/Territory: China

Author’s Country/Territory: Taiwan

Manuscript submission date: 2022-03-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-11 02:24

Reviewer performed review: 2022-04-13 08:37

Review time: 2 Days and 6 Hours

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<th>[ ] Grade A: Excellent</th>
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<td>[Y] Major revision</td>
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| Re-review | [Y] Yes | [ ] No |
SPECIFIC COMMENTS TO AUTHORS
In this manuscript, the author reported a case of myasthenia gravis that received intravascular laser irradiation of blood (ILIB) interventions (a potentially novel therapy,) and regained muscle power and better life quality. Some concerns and suggestions are listed as below: Why the patient was advised to receive ILIB? Why three courses of ILIB were used? Can the helium-neon laser with a wavelength of 632.8 nm reach deep CNS tissues? Several years of conventional treatments, including acetylcholinesterase inhibitors and immunosuppressive drugs, should be provided in details. Why did not you try the second line therapy, such as RTX? Long-term effects of ILIB intervention is not clear. I wonder if MG patients still need acetylcholinesterase inhibitors and immunosuppressive drugs following ILIB. When the beneficial effect of ILIB was noted (hours, days or months)? Antibody status of this patient was not mentioned.
RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 76360

Title: Effects of intravascular photobiomodulation on motor deficits and brain perfusion images in intractable myasthenia gravis: a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05395205

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Postdoc

Reviewer’s Country/Territory: China

Author’s Country/Territory: Taiwan

Manuscript submission date: 2022-03-14

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2022-05-27 13:24

Reviewer performed review: 2022-05-27 13:28

Review time: 1 Hour

Scientific quality

[ ] Grade A: Excellent  [ ] Grade B: Very good  [ ] Grade C: Good

[ Y] Grade D: Fair  [ ] Grade E: Do not publish

Language quality

[ ] Grade A: Priority publishing  [ Y] Grade B: Minor language polishing

[ ] Grade C: A great deal of language polishing  [ ] Grade D: Rejection

Conclusion

[ ] Accept (High priority)  [ Y] Accept (General priority)

[ ] Minor revision  [ ] Major revision  [ ] Rejection

Peer-reviewer

Peer-Review: [ Y] Anonymous  [ ] Onymous
| statements | Conflicts-of-Interest: [ ] Yes [ Y] No |

SPECIFIC COMMENTS TO AUTHORS
The authors have answered my questions.