

# Review of: "[Case Study] Low-Level Laser and Its Interface With Sleep Dentistry: Clinical Case Report"

Božana Lončar-Brzak

Potential competing interests: No potential competing interests to declare.

The manuscript is interesting, but some things should be changed. In the following, I will list some suggestions for improving the manuscript:

1. The title - I suggest the change of the title because PBM was not used as sedation dentistry (sleep dentistry) in this case.
2. Introduction - The abbreviation SD was the first one used for sleep disorder; please correct DS in the last paragraph to SD.
  - How did you decide on this type of PBM?
  - Has the patient signed informed consent?
  - Use impersonal writing throughout the paper; do not start a sentence with "We."
3. Case Report - How did you determine the PBM protocol for this patient? Based on some literature results or your own previous experience or manufacturer instructions?
  - Why is a photo of a patient necessary for the paper? I think it should be removed from the article.
4. Results and Discussion - The same comment applies, correct DS into SD in the first sentence.
  - The results were only self-reported, based on the VAS scale?
  - The authors should mention that there is no compliance regarding the ideal laser parameters in the literature; compare with parameters used in previous studies and expand the discussion.
  - Explain the possible mechanism of PBM on sleep improvement.
  - The first sentence in the last paragraph - which previous studies? Cite some references.
  - Mention limitations of the paper (only one patient; self-reported results).
  - Change DS into SD.

## 3. Conclusion

- Rephrase and expand the conclusion, according to the discussion; maybe: "Although the patient reported improvement in sleep disorder related to Parkinson's disease after the proposed photobiomodulation treatment, controlled randomized clinical trials are needed to verify these results on a large number of patients."