

Peer Review

# Review of: "Evaluation of Ozonized Fibrin-Rich Plasma as a Therapy for Facial Rejuvenation: A Case Report Series"

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This case report series presents an interesting and innovative application of ozonized injectable platelet-rich fibrin (I-PRF) as a regenerative approach for facial rejuvenation. The manuscript is well-structured, clearly written, and demonstrates careful adherence to ethical standards and CARE reporting principles. The detailed description of procedural protocols and inclusion of photographic documentation enhance the transparency and clinical relevance of the study. Additionally, the integration of regenerative medicine concepts with ozone therapy provides a potentially valuable interdisciplinary perspective within aesthetic dermatology. However, several aspects could be strengthened to improve scientific rigor and clinical credibility. The most important limitation is the very small sample size and the absence of a control or comparator group, which prevents meaningful evaluation of treatment efficacy or differentiation from placebo effects. The manuscript would benefit from incorporating validated objective outcome measures, such as standardized wrinkle grading scales, skin elasticity measurements, or blinded evaluator assessments, to reduce subjectivity. Furthermore, providing more detailed statistical or semi-quantitative analysis of clinical improvements would strengthen the interpretation of results. Clarification regarding ozone dosage rationale, reproducibility of preparation techniques, and safety monitoring protocols would also enhance methodological robustness. Expanding the discussion of potential risks, long-term outcomes, and comparison with established rejuvenation techniques would improve contextual balance. Addressing these elements and outlining structured future research directions, particularly randomized controlled trials with standardized outcome tools, would significantly strengthen the manuscript's scientific contribution and translational value in regenerative aesthetic therapy.

## **Declarations**

**Potential competing interests:** No potential competing interests to declare.