

Editor's Comment:

The presented publication discusses a minimally invasive treatment option for trigeminal neuralgia, a condition that often lacks effective and well-tolerated treatments. Trigeminal neuralgia is an extremely intense neuropathic pain that affects the patient's quality of life. The inclusion of a detailed case report provides a practical insight into the use and effects of ozone therapy. The introduction explains the challenges of current treatment options (e.g., side effects of carbamazepine and patient compliance issues). The authors present the case of a 54-year-old patient with hemicranias and hypersensitivity on the right side of the face, who spoke with his mouth almost closed. After 12 sessions of ozone therapy (subcutaneous infiltrations), the pain gradually disappeared, assessed by VAS (visual analogue scale), and other symptoms improved significantly. In addition, the authors emphasize that ozone therapy has disadvantages, characterized by allergic reactions, flu-like or digestive symptoms and, in rare cases, respiratory or neurological complications. However, ozone therapy remains an alternative treatment method to the classical one. The manuscript highlights the physiological and biochemical mechanisms of ozone therapy, confirming its potential effectiveness in pain treatment. This article can be published as it sheds light on an alternative treatment method that can be useful for all patients with trigeminal neuralgia, especially for those who are resistant to treatment.

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