

Review of: "Outcomes of Rezūm Water Vapor Therapy for Benign Prostate Obstruction with One-Year Follow-Up: Largest Real-World Data from Türkiye"

Carmelo Quattrone¹

¹ University of Campania "Luigi Vanvitelli"

Potential competing interests: No potential competing interests to declare.

Dear authors, thank you for your interesting work. However, there are some issues to be discussed before a possible publication.

1. The author should clarify whether they used the median (IQR) or mean value (\pm SD) in their statistical analysis.
2. The entire manuscript needs to be thoroughly revised by a native English speaker.
3. In the Materials and Methods section, the authors should specify whether the 5-item or 15-item version of the International Index of Erectile Function (IIEF) was used in the study.
4. I strongly recommend the introduction of specific paragraphs in the Materials and Methods section, such as one dedicated to patient enrolment. This section should clearly present the inclusion and exclusion criteria.
5. The authors should clarify whether the patients were receiving medical therapy for BPH-related LUTS (alfa-blockers, 5-ARI, combination therapy, etc.) prior to the surgical intervention.
6. The authors are encouraged to summarize all data and p-values in tables.
7. *"The mechanism of this system involves allowing convective thermal energy to pass through the interstitium of the transitional zone of the prostate, leading to disruption of the cell membrane, cell death, and necrosis"*. The authors should include this sentence in the Materials and Methods paragraph of the article, within a "surgical details" section.
8. Inclusion criteria: Q max \geq 15. Are the authors certain of that?
9. The authors should clarify how they determined the prostate volume before the surgery. Did they use suprapubic ultrasonography or transrectal ultrasound (TRUS)?
10. The authors discuss Rezūm, presenting it as a minimally invasive surgical technique (MIST), and then emphasize that 77% of patients underwent general anaesthesia. Is this data correct? General anaesthesia is a significant level of anaesthesia for a procedure that can typically be performed under conscious sedation. Please clarify this point.

In conclusion, this study is an interesting one that describes the advantages of Rezūm, but it needs improvements.