

Comments on: Pulsed radiofrequency treatment of the Gasserian ganglion for trigeminal neuralgia – a retrospective study (PROGRESS)

We have read the article entitled ‘Pulsed radiofrequency treatment of the Gasserian ganglion for trigeminal neuralgia: a retrospective study (PROGRESS)’, for which we congratulate its authors for their results and recommendations.¹

As the authors mentioned in the manuscript, Zipu *et al* published 149 patients who underwent pulsed radiofrequency of the gasserian ganglion (PRFGG)² with a median follow-up time of 71.0 months, noting that those patients who did not improve initially, had the PRFGG procedure repeated increasing the initial output voltage and subsequently improved.^{3,4}

On the other hand, the results of the work of Fang *et al* compared high voltage PRFGG (71.90+7.39 V) versus standard voltage PRFGG, concluding that the results at 1 year of follow-up were better with high voltage PRFGG.⁵

As the authors explained, PRFGG is a non-ablative, minimally invasive technique with great potential in treating trigeminal neuralgia. Taking into account the results of the previously mentioned studies, we know that voltage output and time are factors that can modify the outcome of

the patient with trigeminal neuralgia for whom PRFGG is performed.

In this study, the authors do not mention the voltage used in the patients, which is very important for the follow-up of the results. We kindly ask the authors for that information to clarify and strengthen this excellent article.

All of the above would generate more value for the PRFGG technique, of which we hope to have more studies that make the evidence more robust in patients suffering from trigeminal neuralgia.

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