

## Reply to Letter to the Editor: "Does Single Nerve Conduction Study Enough to Say Transradial Angiography Is Safe for Peripheral Nerve Damages or Not?"

To the Editors,

We thank the authors<sup>1</sup> for their interest and valuable comments on our article "Electrophysiological Assessment of Paresthesia in Patients Following Radial Angiography: A Prospective Study".<sup>2</sup> None of the patients included in our study had a history of previous trauma, surgery, or contracture. The absence of a statistically significant difference in nerve conduction studies between the angiographed side and the non-angiographed side in patients with diabetic polyneuropathy was considered valuable for our study. Patients who presented to the outpatient clinic with complaints of paresthesia were included in the study.

Due to the lengthy application time of the McGill Pain Questionnaire in current outpatient clinic conditions, its practical use is limited. Instead, the Visual Analog Scale was used to assess patients' pain levels.

Small fiber neuropathies can occur due to various causes, including systemic diseases, toxic exposures, and metabolic conditions.<sup>3</sup> However, in cases of nerve damage caused by traumatic factors such as nerve transection, it can be detected through electrophysiological nerve conduction studies from the early stages.<sup>4</sup>

For this reason, we can confirm that the patients included in our study did not have nerve damage. However, due to the lack of studies on this subject, we think conducting further research with larger study groups would be more beneficial.

**Declaration of Interests:** The authors have no conflicts of interest to declare.

**Funding:** The authors declare that this study received no financial support.

### REFERENCES

1. Dandinoğlu T, Kaya E. Does a single nerve conduction study enough to say transradial angiography is safe for peripheral nerve damages or not? *Anatol J Cardiol.* 2025;29(3):148-149.
2. Eğılmez Sarıkaya C, Salkın FÖ, Sarıkaya C. Electrophysiological assessment of paresthesia in patients following radial angiography: a prospective study. *Anatol J Cardiol.* 2024;28(7):363-366. [CrossRef]
3. Finsterer J, Scorza FA. Small fiber neuropathy. *Acta Neurol Scand.* 2022;145(5):493-503. [CrossRef]
4. Kamble N, Shukla D, Bhat D. Peripheral nerve injuries: electrophysiology for the neurosurgeon. *Neurol India.* 2019;67(6):1419-1422. [CrossRef]



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### LETTER TO THE EDITOR REPLY

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**Cite this article as:** Eğılmez Sarıkaya C, Özge Salkın F, Sarıkaya C. Reply to letter to the editor: "Does a single nerve conduction study enough to say transradial angiography is safe for peripheral nerve damages or not?" *Anatol J Cardiol.* 2025;29(3):150.

DOI:10.14744/AnatolJCardiol.2025.5163