

Answer Regarding P Wave Index and Atrial Fibrillation Recurrence

Dear colleagues,

Thank you for your letter titled "P wave index and atrial fibrillation recurrence"¹ containing your valuable comments and contributions to our research. Your comments will contribute to the evaluation of the results of our study.

In the present study, we aimed to evaluate the place of a novel index, which we named P wave duration-to-amplitude ratio (PWDAR) in predicting the recurrence of atrial fibrillation (AF).² It is possible that the extent of atrial conduction may change after AF ablation, and consequently, the P wave morphology may also change. Therefore, recalculating this newly defined index after long-term follow-up and evaluating its effect on AF recurrence may be the subject of a new study.

P wave indices based on P wave duration are generally measured using the maximum (longest) duration on a 12-lead ECG (Electrocardiography).³ However, a derivation in which we can clearly evaluate the P wave amplitude has not been suggested. In our study, the amplitude of the P wave in the 12-lead ECG and the EP system was measured more clearly in the DII lead. We think that further studies on this new index (PWDAR) that we have defined will provide standardization of the measurements.

Declaration of Interests: The authors declare that they have no competing interest.

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LETTER TO THE EDITOR AUTHOR'S REPLY

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