

# Review of: "Efficacy of the Electrocardiographic P-Wave Indices (PWIs) in Predicting Atrial High-Rate Episodes (AHREs) With Cardiac Implantable Electronic Devices (CIEDs)"

Antonio Cevese<sup>1</sup>

<sup>1</sup> University of Verona

Potential competing interests: No potential competing interests to declare.

This paper presents a review of relatively recent (2010-2022) literature on ECG-based P-wave indices related to atrial high-rate episodes, with special mention of patients with cardiac implantable electronic devices. Overall, the paper, although correctly written, is rather boring; e.g., the sequence of words "atrial fibrillation, atrial flutter, and other atrial arrhythmias" is repeated 8 times, which is quite useless. The distinction among different indices, either based on superficial ECG or indwelling devices, is not clear. Figures and tables do not add much information to the text. Quantitative analysis of the outcomes is lacking. Indication for clinical interventions is very general and pretty trivial, even because when referred to electronic-device-holding patients, it ought to take into account current therapy that certainly the patients underwent. The conclusion does not address an index to be preferred, inviting further research and implementation of A.I., which everybody might guess by himself to be the best solution.