









What Cannot be Missed: Important Publications on Electrophysiology in 2023

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A list of the most important articles on arrhythmia published in 2023.

1. Healey JS, Lopes RD, Granger CB, et al. Apixaban for stroke prevention in subclinical atrial fibrillation. *N Engl J Med* 2024;390:107–17. <https://doi.org/10.1056/NEJMoa2310234>; PMID: 37952132.
2. Kirchhof P, Toennis T, Goette A, et al. Anticoagulation with edoxaban in patients with atrial high-rate episodes. *N Engl J Med* 2023;389:1167–79. <https://doi.org/10.1056/NEJMoa2303062>; PMID: 37622677.
3. Sohns C, Fox H, Marrouche NF, et al. Catheter ablation in end-stage heart failure with atrial fibrillation. *N Engl J Med* 2023;389:1380–9. <https://doi.org/10.1056/NEJMoa2306037>; PMID: 37634135.
4. Knops RE, Reddy VY, Ip JE, et al. A dual-chamber leadless pacemaker. *N Engl J Med* 2023;388:2360–70. <https://doi.org/10.1056/nejmoa2300080>; PMID: 37212442.
5. Reddy VY, Gerstenfeld EP, Natale A, et al. Pulsed field or conventional thermal ablation for paroxysmal atrial fibrillation. *N Engl J Med* 2023;389:1660–71. <https://doi.org/10.1056/nejmoa2307291>; PMID: 37634148.
6. Sau A, Kapadia S, Al-Aidarous S, et al. Temporal trends and lesion sets for persistent atrial fibrillation ablation: a meta-analysis with trial sequential analysis and meta-regression. *Circ Arrhythm Electrophysiol* 2023;16:e011861. <https://doi.org/10.1161/circep.123.011861>; PMID: 37589197.
7. Tan MC, Rattanawong P, Karikalan S, et al. Causes of early mortality after catheter ablation of atrial fibrillation. *Circ Arrhythm Electrophysiol* 2023;16:e011365. <https://doi.org/10.1161/circep.122.011365>; PMID: 37082954.
8. Tilz RR, Schmidt V, Purerfellner H, et al. A worldwide survey on incidence, management, and prognosis of oesophageal fistula formation following atrial fibrillation catheter ablation: the POTTER-AF study. *Eur Heart J* 2023;44:2458–69. <https://doi.org/10.1093/eurheartj/ehad250>; PMID: 37062040.
9. Al-Kaisey AM, Parameswaran R, Bryant C, et al. Impact of catheter ablation on cognitive function in atrial fibrillation: a randomized control trial. *JACC Clin Electrophysiol* 2023;9:1024–34. <https://doi.org/10.1016/j.jacep.2023.02.020>; PMID: 37227345.
10. Benali K, Khairy P, Hammache N, et al. Procedure-related complications of catheter ablation for atrial fibrillation. *J Am Coll Cardiol* 2023;81:2089–99. <https://doi.org/10.1016/j.jacc.2023.03.418>; PMID: 37225362.
11. Lip GYH, Proietti M, Potpara T, et al. Atrial fibrillation and stroke prevention: 25 years of research at EP Europace journal. *Europace* 2023;25:euaad226. <https://doi.org/10.1093/europace/euaad226>; PMID: 37622590.
12. Katritsis DG, Anderson RH. New insights into the mechanisms of fast and slow conduction in the atrioventricular node. *Heart Rhythm* 2023;20:627–630. <https://doi.org/10.1016/j.hrthm.2022.08.025>; PMID: 36049588.
13. Higuchi S, Gerstenfeld EP, Hsia HH, et al. Novel approaches for the diagnosis of concealed nodo-ventricular and His-ventricular pathways. *Circ Arrhythm Electrophysiol* 2023;16:e011771. <https://doi.org/10.1161/circep.122.011771>; PMID: 37082968.
14. Aboud AA, Davogustto G, Adeola O, et al. Substrate mapping alters ventricular tachycardia inducibility. *Circ Arrhythm Electrophysiol* 2023;16:e010889. <https://doi.org/10.1161/circep.122.010889>; PMID: 36602818.
15. Waldmann V, Bessière F, Gardey K, et al. Systematic electrophysiological study prior to pulmonary valve replacement in tetralogy of Fallot: a prospective multicenter study. *Circ Arrhythm Electrophysiol* 2023;16:e011745. <https://doi.org/10.1161/circep.122.011745>; PMID: 37170812.
16. Kiani S, Sayegh MN, Ibrahim R, et al. The feasibility and safety of flecainide use among patients with varying degrees of coronary disease. *JACC Clin Electrophysiol* 2023;9:1172–80. <https://doi.org/10.1016/j.jacep.2022.12.021>; PMID: 36898953.
17. Friedman DJ, Al-Khatib SM, Dalgaard F, et al. Cardiac resynchronization therapy improves outcomes in patients with intraventricular conduction delay but not right bundle branch block: a patient level meta-analysis of randomized controlled trials. *Circulation* 2023;147:812–23. <https://doi.org/10.1161/circulationaha.122.062124>; PMID: 36700426.
18. Vijayaraman P, Sharma PS, Cano Ó, et al. Comparison of left bundle

- branch area pacing and biventricular pacing in candidates for resynchronization therapy. *J Am Coll Cardiol* 2023;82:228–41. <https://doi.org/10.1016/j.jacc.2023.05.006>; PMID: 37220862.
19. Gaita F, Cerrato N, Giustetto C, et al. Asymptomatic patients with Brugada ECG pattern: long-term prognosis from a large prospective study *Circulation* 2023;148:1543–55. <https://doi.org/10.1161/circulationaha.123.064689>; PMID: 37830188.
20. Pokorney SD, Zepel L, Greiner MA, et al. Lead extraction and mortality among patients with cardiac implanted electronic device infection. *JAMA Cardiol* 2023;8:1165–73. <https://doi.org/10.1001/jamacardio.2023.3379>; PMID: 37851461. 