



What Cannot be Missed: Must-read Papers, 2018

The most important papers on arrhythmias and electrophysiology published in 2018, selected by the editors of *Arrhythmia and Electrophysiology Review* (AER). ■

Clinical Practice

1. Marrouche NF, Brachmann J, Andresen D, et al. Catheter ablation for atrial fibrillation with heart failure. *N Engl J Med* 2018;1;378:417–27. <https://doi.org/10.1056/NEJMoa1707855>; PMID:29385358.
2. Packer DL, Mark DB, Robb RA, et al. Effect of catheter ablation vs antiarrhythmic drug therapy on mortality, stroke, bleeding, and cardiac arrest among patients with atrial fibrillation: the CABANA randomized clinical trial. *JAMA* 2019. <https://doi.org/10.1001/jama.2019.0693>; PMID: 30874766; epub ahead of press.
3. Vaseghi M, Hu TY, Tung R, et al. Outcomes of catheter ablation of ventricular tachycardia based on etiology in nonischemic heart disease: an international ventricular tachycardia ablation center collaborative study. *JACC Clin Electrophysiol* 2018;4:1141–50. <https://doi.org/10.1016/j.jacep.2018.05.007>
4. Etheridge SP, Escudero CA, Blaufox AD, et al. Life-threatening event risk in children with Wolff-Parkinson-White syndrome: a multicenter international study. *JACC Clin Electrophysiol*. 2018;4:433–44. <https://doi.org/10.1016/j.jacep.2017.10.009>; PMID:30067481.
5. Parkash R, Nault I, Rivard L, et al. Effect of baseline antiarrhythmic drug on outcomes with ablation in ischemic ventricular tachycardia: a VANISH substudy (Ventricular Tachycardia Ablation versus Escalated Antiarrhythmic Drug Therapy in Ischemic Heart Disease). *Circ Arrhythm Electrophysiol* 2018;11:e005663. <https://doi.org/10.1161/CIRCEP.117.005663>; PMID: 29305400.
6. Abdelrahman M, Subzposh FA, Beer D, et al. Clinical outcomes of His bundle pacing compared to right ventricular pacing. *J Am Coll Cardiol* 2018;71(20):2319–30. <https://doi.org/10.1016/j.jacc.2018.02.048>; PMID: 29535066.
7. Sharma PS, Naperkowski A, Bauch TD, et al. Permanent His bundle pacing for cardiac resynchronization therapy in patients with heart failure and right bundle branch block. *Circ Arrhythm Electrophysiol* 2018;11:e006613. <https://doi.org/10.1161/CIRCEP.118.006613>; PMID: 30354292.
8. Shah AD, Morris MA, Hirsh DS, et al. Magnetic resonance imaging safety in nonconditional pacemaker and defibrillator recipients: a meta-analysis and systematic review. *Heart Rhythm* 2018;15(7):1001–8. <https://doi.org/10.1016/j.hrthm.2018.02.019>; PMID:29458192.
9. Dickstein K, Normand C, Auricchio A, et al. CRT Survey II: a European Society of Cardiology survey of cardiac resynchronisation therapy in 11 088 patients – who is doing what to whom and how? *Eur J Heart Fail* 2018;20(6):1039–51. <https://doi.org/10.1002/ejhf.1142>; PMID:29457358.
10. König S, Ueberham L, Schuler E, et al. In-hospital mortality of patients with atrial arrhythmias: insights from the German-wide Helios hospital network of 161 502 patients and 34 025 arrhythmia-related procedures. *Eur Heart J* 2018;39:3947–57. <https://doi.org/10.1093/eurheartj/ehy528>; PMID:30165430.
11. Holmqvist F, Kesek M, Englund A, et al. A decade of catheter ablation of cardiac arrhythmias in Sweden: ablation practices and outcomes. *Eur Heart J*. 2019;40(10):820–30. <https://doi.org/10.1093/eurheartj/ehy709>; PMID: 30452631.
12. Katritsis DG, John RM, Latchamsetty R, et al. Left septal slow pathway ablation for atrioventricular nodal reentrant tachycardia. *Circ Arrhythm Electrophysiol* 2018;11:e005907. <https://doi.org/10.1161/CIRCEP.117.005907>; PMID:29540373.
13. Lin YS, Chen YL, Chen TH, et al. Comparison of clinical outcomes among patients with atrial fibrillation or atrial flutter stratified by CHA2DS2-VASc score. *JAMA Netw Open* 2018;1:e180941. <https://doi.org/10.1001/jamanetworkopen.2018.0941>; PMID:30646091.

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