

List of CHRS Members Lead Very High Impact Publications

1. Verma A, Birnie DH, Jiang C, et al. [Antithrombotic Therapy after Successful Catheter Ablation for Atrial Fibrillation](#). N Engl J Med. 2026;394(4):323-332.
2. Joza J, Philippon F, Chew DS, et al. [Current Challenges in Cardiac Device Management: Guidance for Practicing Clinicians: A Canadian Journal of Cardiology White Paper](#). CanJ.Cardiol. 2026;42(1):101-135.
3. Rivard L, Khairy P, Talajic M, et al. [Anticoagulation to prevent ischemic stroke and neurocognitive impairment in atrial fibrillation: the BRAIN-AF randomized clinical trial](#). Nat.Med. 2026;32(1):297-305.
4. Sapp JL, Tang ASL, Parkash R, et al. [Catheter Ablation or Antiarrhythmic Drugs for Ventricular Tachycardia](#). N.Engl.J.Med. 2025;392(8):737-747.
5. Andrade JG, Joza J, Chew DS, et al. [The Canadian Cardiovascular Society/Canadian Heart Rhythm Society Comprehensive Guidelines for the Selection, Implantation, and Management of Patients With Cardiac Implantable Electronic Devices](#). Can.J. Cardiol. 2026;42(1):1-68.
6. Demonceaux M, Benseba J, Ruiz M, et al. [Right Ventricular Remodeling in Complex Congenital Heart Disease](#). CanJ.Cardiol. 2025;41(6):1067-1080.
7. Aydin A, Golian M, Klein A, et al. [Iodinated Adhesive Drapes for Repeat Cardiac Implantable Device Implantation: A Randomized Clinical Trial](#). JAMA.Cardiol. 2025;10(10):1016-1023.
8. Sang C, Liu Q, Lai Y, et al. [Pulmonary Vein Isolation With Optimized Linear Ablation vs Pulmonary Vein Isolation Alone for Persistent AF: The PROMPT-AF Randomized Clinical Trial](#). JAMA. 2025;333(5):381-389.
9. Jolly SS, d'Entremont MA, Pitt B, et al. [Routine Spironolactone in Acute Myocardial Infarction](#). N.Engl.J.Med. 2025;392(7):643-652.
10. Andrade JG, Virani A, Staunton A, et al. [Navigating the Landscape of Medical Device Advisories: A Special Report From the Canadian Heart Rhythm Society Device Advisory Committee](#). CanJ.Cardiol. 2024;40(11):2106-2116.
11. Knops RE, Lloyd MS, Roberts PR, et al. [A Modular Communicative Leadless Pacing-Defibrillator System](#). N.Engl.J.Med. 2024;391(15):1402-1412.
12. Oraii A, McIntyre WF, Parkash R, et al. [Atrial Fibrillation Ablation in Heart Failure With Reduced vs Preserved Ejection Fraction: A Systematic Review and Meta-Analysis](#). JAMA.Cardiol. 2024;9(6):545-555.

13. Sapp JL, Sivakumaran S, Redpath CJ, et al. [Long-Term Outcomes of Resynchronization-Defibrillation for Heart Failure](#). *N.Engl.J.Med.* 2024;390(3):212-220.
14. Shurrab M, Austin PC, Jackevicius CA, et al. [Comparative effectiveness and safety of apixaban and rivaroxaban in older patients with atrial fibrillation: A population-based cohort study](#). *Heart.Rhythm.* 2024;21(12):2397-2406.
15. McIntyre WF, Benz AP, Becher N, et al. [Direct Oral Anticoagulants for Stroke Prevention in Patients With Device-Detected Atrial Fibrillation: A Study-Level Meta-Analysis of the NOAH-AFNET 6 and ARTESiA Trials](#). *Circulation.* 2024;149(13):981-988.
16. Healey JS, Lopes RD, Granger CB, et al. [Apixaban for Stroke Prevention in Subclinical Atrial Fibrillation](#). *N.Engl.J.Med.* 2024;390(2):107-117.
17. Johnson LS, Mente A, Joseph P, et al. [Sodium Intake and Incident Atrial Fibrillation in Individuals With Vascular Disease](#). *JAMA.Netw.Open.* 2024;7(7):e2421589.
18. Conen D, Ke Wang M, Popova E, et al. [Effect of colchicine on perioperative atrial fibrillation and myocardial injury after non-cardiac surgery in patients undergoing major thoracic surgery \(COP-AF\): an international randomised trial](#). *Lancet.* 2023;402(10413):1627-1635.
19. Wilkoff BL, Filippatos G, Leclercq C, et al. [Adaptive versus conventional cardiac resynchronisation therapy in patients with heart failure \(AdaptResponse\): a global, prospective, randomised controlled trial](#) [published correction appears in *Lancet.* 2023 Sep 30;402(10408):1132.
20. Boursalie S, MacIntyre C, Sapp JL, et al. [Disparities in Referral and Utilization of Implantable Cardioverter-Defibrillators for Primary Prevention of Sudden Cardiac Death](#). *Can.J.Cardiol.* 2023;39(11):1610-1616.
21. Andrade JG, Deyell MW, Macle L, et al. [Progression of Atrial Fibrillation after Cryoablation or Drug Therapy](#). *N.Engl.J.Med.* 2023;388(2):105-116.
22. Han HC, Wang J, Birnie DH, et al. [Association of the Timing and Extent of Cardiac Implantable Electronic Device Infections With Mortality](#). *JAMA.Cardiol.* 2023;8(5):484-491.
23. Nair GM, Birnie DH, Nery PB, et al. [Standard vs Augmented Ablation of Paroxysmal Atrial Fibrillation for Reduction of Atrial Fibrillation Recurrence: The AWARE Randomized Clinical Trial](#). *JAMA.Cardiol.* 2023;8(5):475-483.

24. Janzen ML, Davies B, Laksman ZWM, et al. [Management of Inherited Arrhythmia Syndromes: A HiRO Consensus Handbook on Process of Care](#). *CJC.Open*. 2023;5(4):268-284.
25. Force ZM, Parkash R, Tang A, et al. [Health Security Perceptions: Initial Psychometric Analysis of the Construct of Health Security in Chronic Illness Among Patients With a Cardiac Device](#). *CJC.Open*. 2023;5(9):704-708.
26. Boivin-Proulx LA, Ieroncig F, Demers SP, et al. [Antithrombotic Management and Outcomes of Anterior ST-Elevation Myocardial Infarction With New-Onset Wall Motion Abnormalities in Men and Women](#). *CJC.Open*. 2023;6(2Part B):362-369. Published 2023 Nov 17.
27. Knops RE, Reddy VY, Ip JE, et al. [A Dual-Chamber Leadless Pacemaker](#). *N.Engl.J. Med*. 2023;388(25):2360-2370.
28. Greene A, Sapp J, Hirsch G, et al. [Cardiovascular Outcomes in Nova Scotia During the Early Phase of the COVID-19 Pandemic](#). *CJC.Open*. 2022;4(3):324-336.
29. Chew DS, Li Y, Cowper PA, et al. [Cost-Effectiveness of Catheter Ablation Versus Antiarrhythmic Drug Therapy in Atrial Fibrillation: The CABANA Randomized Clinical Trial](#). *Circulation*. 2022;146(7):535-547
30. Friedman P, Murgatroyd F, Boersma LVA, et al. [Efficacy and Safety of an Extravascular Implantable Cardioverter-Defibrillator](#). *N.Engl.J.Med*. 2022;387(14):1292-1302. doi:10.1056/NEJMoa2206485
31. Whitlock RP, Belley-Cote EP, Paparella D, et al. [Left Atrial Appendage Occlusion during Cardiac Surgery to Prevent Stroke](#). *N.Engl.J.Med*. 2021;384(22):2081-2091.
32. Andrade JG, Wells GA, Deyell MW, et al. [Cryoablation or Drug Therapy for Initial Treatment of Atrial Fibrillation](#). *N.Engl.J.Med*. 2021;384(4):305-315.
33. Stiell IG, Eagles D, Nemnom MJ, et al. [Adverse Events Associated With Electrical Cardioversion in Patients With Acute Atrial Fibrillation and Atrial Flutter](#). *Can.J. Cardiol*. 2021;37(11):1775-1782.
34. Yee R, Karim SS, Bashir J, et al. [Canadian Heart Rhythm Society Task Force Report on Physician Training and Maintenance of Competency for Cardiovascular Implantable Electronic Device Therapies: Executive Summary](#). *Can.J.Cardiol*. 2021;37(11):1857-1860.
35. Gladstone DJ, Wachter R, Schmalstieg-Bahr K, et al. [Screening for Atrial Fibrillation in the Older Population: A Randomized Clinical Trial](#). *JAMA.Cardiol*. 2021;6(5):558-567.

36. McIntyre WF, Wang MK, Conen D. [Balancing the Risks and Benefits of Oral Anticoagulant Use in Patients With Postoperative Atrial Fibrillation](#). *CanJ.Cardiol.* 2021;37(6):938.e11.
37. Andrade JG, Aguilar M, Atzema C, et al. [The 2020 Canadian Cardiovascular Society/Canadian Heart Rhythm Society Comprehensive Guidelines for the Management of Atrial Fibrillation](#). *CanJ.Cardiol.* 2020;36(12):1847-1948.
38. Samuel M, Khairy P, Mongeon FP, et al. [Pulmonary Vein Stenosis After Atrial Fibrillation Ablation: Insights From the ADVICE Trial](#). *CanJ.Cardiol.* 2020;36(12):1965-1974.
39. Andrade JG, Wells GA, Deyell MW, et al. [Cryoablation or Drug Therapy for Initial Treatment of Atrial Fibrillation](#). *N Engl J Med.* 2021;384(4):305-315.
40. Kawada S, Chakraborty P, Downar E, et al. [The Role of Ablation in Prevention of Recurrent Implantable Cardioverter Defibrillator Shocks in Patients With Tetralogy of Fallot](#). *CJC.Open.* 2021;3(5):619-626. Published 2021 Jan 28.
41. Connolly SJ, Eikelboom JW, Bosch J, et al. [Rivaroxaban with or without aspirin in patients with stable coronary artery disease: an international, randomised, double-blind, placebo-controlled trial](#). *Lancet.* 2018;391(10117):205-218.
42. Sapp JL, Wells GA, Parkash R, et al. [Ventricular Tachycardia Ablation versus Escalation of Antiarrhythmic Drugs](#). *N Engl J Med.* 2016;375(2):111-121.
43. Healey JS, Oldgren J, Ezekowitz M, et al. [Occurrence of death and stroke in patients in 47 countries 1 year after presenting with atrial fibrillation: a cohort study](#). *Lancet.* 2016;388(10050):1161-1169.
44. Verma A, Jiang CY, Betts TR, et al. [Approaches to catheter ablation for persistent atrial fibrillation](#). *N Engl J Med.* 2015;372(19):1812-1822.
45. Morillo CA, Marin-Neto JA, Avezum A, et al. [Randomized Trial of Benznidazole for Chronic Chagas' Cardiomyopathy](#). *N Engl J Med.* 2015;373(14):1295-1306.
46. Healey JS, Hohnloser SH, Glikson M, et al. [Cardioverter defibrillator implantation without induction of ventricular fibrillation: a single-blind, non-inferiority, randomised controlled trial \(SIMPLE\)](#). *Lancet.* 2015;385(9970):785-791.
47. Morillo CA, Verma A, Connolly SJ, et al. [Radiofrequency ablation vs antiarrhythmic drugs as first-line treatment of paroxysmal atrial fibrillation \(RAAFT-2\): a randomized trial](#). *JAMA.* 2014;311(7):692-700.
48. Eikelboom JW, Connolly SJ, Brueckmann M, et al. [Dabigatran versus warfarin in patients with mechanical heart valves](#). *N Engl J Med.* 2013; 369(13):1206-1214.

49. Birnie DH, Healey JS, Wells GA, et al. [Pacemaker or defibrillator surgery without interruption of anticoagulation](#). N Engl J Med. 2013;368(22):2084-2093.
50. Healey JS, Connolly SJ, Gold MR, et al. [Subclinical atrial fibrillation and the risk of stroke](#). N Engl J Med. 2012;366(2):120-129.
51. Investigators AI, Yusuf S, Healey JS, et al. [Irbesartan in patients with atrial fibrillation](#). N Engl J Med. 2011;364(10):928-938.
52. Connolly SJ, Eikelboom J, Joyner C, et al. [Apixaban in patients with atrial fibrillation](#). N Engl J Med. 2011;364(9):806-817.
53. Connolly SJ, Camm AJ, Halperin JL, et al. [Dronedaronone in high-risk permanent atrial fibrillation](#). N Engl J Med. 2011;365(24):2268-2276.
54. Tang AS, Wells GA, Talajic M, et al. [Cardiac-resynchronization therapy for mild-to-moderate heart failure](#). N Engl J Med. 2010;363(25):2385-2395.
55. Connolly SJ, Ezekowitz MD, Yusuf S, Reilly PA, Wallentin L, Randomized Evaluation of Long-Term Anticoagulation Therapy I. [Newly identified events in the RE-LY trial](#). N Engl J Med. 2010;363(19):1875-1876.
56. Investigators A, Connolly SJ, Pogue J, et al. [Effect of clopidogrel added to aspirin in patients with atrial fibrillation](#). N Engl J Med. 2009;360(20):2066-2078.
57. Connolly SJ, Ezekowitz MD, Yusuf S, et al. [Dabigatran versus warfarin in patients with atrial fibrillation](#). N Engl J Med. 2009;361(12):1139-1151.
58. Investigators AWGotA, Connolly S, Pogue J, et al. [Clopidogrel plus aspirin versus oral anticoagulation for atrial fibrillation in the Atrial fibrillation Clopidogrel Trial with Irbesartan for prevention of Vascular Events \(ACTIVE W\): a randomised controlled trial](#). Lancet. 2006;367(9526):1903-1912.
59. Gould PA, Krahn AD, Canadian Heart Rhythm Society Working Group on Device A. [Complications associated with implantable cardioverter-defibrillator replacement in response to device advisories](#). JAMA. 2006;295(16):1907-1911.
60. Gollob MH, Jones DL, Krahn AD, et al. [Somatic mutations in the connexin 40 gene \(GJA5\) in atrial fibrillation](#). N Engl J Med. 2006;354(25):2677-2688.
61. Connolly SJ, Dorian P, Roberts RS, et al. [Comparison of beta-blockers, amiodarone plus beta-blockers, or sotalol for prevention of shocks from implantable cardioverter defibrillators: the OPTIC Study: a randomized trial](#). JAMA. 2006;295(2):165-171.

62. Hohnloser SH, Kuck KH, Dorian P, et al. [Prophylactic use of an implantable cardioverter-defibrillator after acute myocardial infarction.](#) N Engl J Med. 2004;351(24):2481-2488.
63. Connolly SJ, Sheldon R, Thorpe KE, et al. [Pacemaker therapy for prevention of syncope in patients with recurrent severe vasovagal syncope: Second Vasovagal Pacemaker Study \(VPS II\): a randomized trial.](#) JAMA. 2003;289(17):2224-2229.
64. Gollob MH, Green MS, Tang AS, et al. [Identification of a gene responsible for familial Wolff-Parkinson-White syndrome.](#) N Engl J Med. 2001;344(24):1823-1831.
65. Cairns JA, Connolly SJ, Roberts R, Gent M. [Randomised trial of outcome after myocardial infarction in patients with frequent or repetitive ventricular premature depolarisations: CAMIAT.](#) Canadian Amiodarone Myocardial Infarction Arrhythmia Trial Investigators. Lancet. 1997;349(9053):675-682.