TCRN RESEARCH COMPILATION

**Peer Reviewed Journal Articles**

1. Devrome AN, Aggarwal S, McMurtry MS, et al. Cardiac rehabilitation in people with peripheral arterial disease: A higher risk population that benefits from completion. *Int J Cardiol*. 2019;285:108-114.
2. Arena R, McNeil A, Lavie CJ, et al. Assessing the value of moving more—the integral role of qualified health professionals. *Curr Probl Cardiol*. 2018;43(4):138-153.
3. Arena R, Ozemek C, Laddu D, et al. Applying precision medicine to healthy living for the prevention and treatment of cardiovascular disease. *Curr Probl Cardiol*. 2018;43(12):448-483.
4. Laddu D, Ozemek C, Lamb B, et al. Factors associated with cardiorespiratory fitness at completion of cardiac rehabilitation: identification of specific patient features requiring attention. *Can J Cardiol*. 2018;34(7):925-932.
5. Rouleau CR, King-Shier KM, Tomfohr-Madsen LM, Aggarwal SG, Arena R, Campbell TS. A qualitative study exploring factors that influence enrollment in outpatient cardiac rehabilitation. *Disabil Rehabil*. 2018;40(4):469-478.
6. Rouleau CR, King-Shier KM, Tomfohr-Madsen LM, et al. The evaluation of a brief motivational intervention to promote intention to participate in cardiac rehabilitation: A randomized controlled trial. *Patient Educ Couns*. 2018;101(11):1914-1923.
7. Williamson TM, Rouleau CR, Aggarwal SG, Arena R, Campbell TS. Bridging the intention-behavior gap for cardiac rehabilitation participation: the role of perceived barriers [published online ahead of print date]. *Disabil Rehabil*. 2018.
8. Rouleau CR, Toivonen K, Aggarwal S, Arena R, Campbell TS. The association between insomnia symptoms and cardiovascular risk factors in patients who complete outpatient cardiac rehabilitation. *Sleep Med*. 2017;32.
9. Aggarwal S, Moore RD, Arena R, et al. Rehabilitation therapy in peripheral arterial disease. *Can J Cardiol*. 2016;32(10):S374-S381.
10. Horsley KJ, Rouleau CR, Garland SN, et al. Insomnia symptoms and heart rate recovery among patients in cardiac rehabilitation. *J Behav Med*. 2016;39(4):642-651.
11. Armstrong MJ, Sigal RJ, Arena R, et al. Cardiac rehabilitation completion is associated with reduced mortality in patients with diabetes and coronary artery disease. *Diabetologia*. 2015;58(4):691-698.
12. Colbert JD, Martin BJ, Haykowsky MJ, et al. Cardiac rehabilitation referral, attendance and mortality in women. *Eur J Prev Cardiol*. 2015;22(8):979-986.
13. Leggett LE, Hauer T, Martin BJ, et al. Optimizing value from cardiac rehabilitation a cost-utility analysis comparing age, sex, and clinical subgroups. *Mayo Clin Proc*. 2015;90(8):1011-1020.
14. Ramadi A, Haennel RG, Stone JA, et al. The sustainability of exercise capacity changes in home versus center-based cardiac rehabilitation. *J Cardiopulm Rehabil Prev*. 2015;35(1):21-28.
15. Rouleau CR, Horsley KJ, Morse E, Aggarwal S, Bacon SL, Campbell TS. The association between insomnia symptoms and mood changes during exercise among patients enrolled in cardiac rehabilitation. *J Cardiopulm Rehabil Prev*. 2015;35(6):409-416.
16. Rouleau CR, Lavoie KL, Bacon SL, Vallis M, Corace K, Campbell TS. Training healthcare providers in motivational communication for promoting physical activity and exercise in cardiometabolic health settings: Do we know what we are doing? *Curr Cardiovasc Risk Rep*. 2015;9(29).
17. Armstrong MJ, Martin BJ, Arena R, et al. Patients with diabetes in cardiac rehabilitation: attendance and exercise capacity. *Med Sci Sport Exerc*. 2014;46(5):845-850.
18. Martin BJ, Aggarwal S, Stone JA, et al. Cardiac rehabilitation improves outcomes in patients with acute heart failure post myocardial infarction: Analysis of a large, single-center cohort. *Exp Clin Cardiol*. 2014;20(8):2206-2237.
19. Myers J, Forman DE, Balady GJ, et al. Supervision of exercise testing by nonphysicians: A scientific statement from the American Heart Association. *Circulation*. 2014;130(12):1014-1027.
20. Martin BJ, Arena R, Haykowsky M, et al. Cardiovascular fitness and mortality after contemporary cardiac rehabilitation. *Mayo Clin Proc*. 2013;88(5):455-463.
21. Campbell TS, Stevenson A, Arena R, et al. An investigation of the benefits of stress management within a cardiac rehabilitation population. *J Cardiopulm Rehabil Prev*. 2012;32(5):296-304.
22. Martin BJ, Aggarwal SG, Stone JA, et al. Obesity negatively impacts aerobic capacity improvements both acutely and 1-year following cardiac rehabilitation. *Obesity*. 2012;20(12):2377-2383.
23. Martin BJ, Hauer T, Arena R, et al. Cardiac rehabilitation attendance and outcomes in coronary artery disease patients. *Circulation*. 2012;126:677-687.
24. Aggarwal S, Arena R, Cuda L, et al. The independent effect of traditional cardiac rehabilitation and the LEARN program on weight loss: a comparative analysis. *J Cardiopulm Rehabil Prev*. 2012;32(1):48-52.
25. Stone JA, Arena R, Hauer T, Martin BJ, Austford LD, Aggarwal S. Long-term retention of aerobic fitness improvements following participation in cardiac rehabilitation. *Int J Cardiol*. 2011;150(3):355-356.
26. Parker K, Stone JA, Arena R, et al. An early cardiac access clinic significantly improves cardiac rehabilitation participation and completion rates in low-risk st-elevation myocardial infarction patients. *Can J Cardiol*. 2011;27:619-627.

**Conference Abstracts**

1. Williamson TM, Arena R, Aggarwal S, Rouleau CR, Campbell TS. Does patient education influence knowledge, attitudes, and exercise participation among coronary artery disease patients in a cardiac rehabilitation program? [Abstract]. *Psychosomatic Medicine*. 2019;81(4):A28.
2. Rouleau CR, Arena R, Austford L, Roman MA, Aggarwal S. The feasibility and potential clinical benefit of chronic obstructive pulmonary disease screening in patients entering cardiac rehabilitation. Poster presented at: *Tine Haworth Cardiovascular Research Day*; March 2019; Calgary, AB.
3. Liu H, Wilton SB, Southern D, et al. Automated referral to cardiac rehabilitation following coronary artery bypass grafting is associated with limited improvements in program completion: A large cohort study [Abstract]. *International Journal of Population Data Science*. 2018;3(3):104.
4. Williamson TM, Rouleau CR, Aggarwal SG, Arena R, Campbell TS. Protocol for the Impact of Patient Education in Cardiac Rehabilitation (IMPART) Study: A prospective observational examination of knowledge, attitudes, and cardiac rehabilitation attendance. Poster presented at: *International Behavioral Trials Network (IBTN) Conference*; May 2018; Montreal, QC.
5. Williamson TM, Rouleau CR, Aggarwal S, Arena R, Campbell TS. The moderating role of perceived barriers in predicting the impact of intention on cardiac rehabilitation participation [Abstract]. *Ann Behav Med*. 2018;52(Suppl 1):S31.
6. Giannoccaro J, Rouleau CR, Campbell TS, et al. A preliminary mixed-methods study of barriers to follow-up care among coronary artery disease patients after completion of outpatient cardiac rehabilitation [Abstract]. *J Cardiopulm Rehabil Prev*. 2017;37(6):457.
7. Rouleau CR, King-Shier KM, Tomfohr-Madsen LM, et al. Results from a randomized feasibility trial of motivational interviewing to promote participation in outpatient cardiac rehabilitation [Abstract]. *J Cardiopulm Rehabil Prev*. 2017;37(6):455.
8. Williamson TM, Rouleau CR, Aggarwal S, Arena R, Campbell TS. Bridging the gap between intention and cardiac rehabilitation enrolment: An examination of the moderating role of perceived barriers and social support [Abstract]. *Can Psychol*. 2017;58(1a):58.
9. Ramadi A, Buijs DM, Threlfall TG, et al. Long-term physical activity behavior after completion of traditional versus fast-track cardiac rehabilitation [Abstract]. *J Cardiovasc Nurs*. 2016;31(6):E1-E7.
10. Rouleau CR, Tomfohr-Madsen, LM, King-Shier K, Bacon SL, Aggarwal S, Campbell TS. The UPBeAT Study: Protocol for the evaluation of a brief motivational intervention to promote enrolment in outpatient cardiac rehabilitation [Abstract]. *Heal Fit J Canada*. 2016;9(2):14.
11. Toivonen K, Rouleau CR, Campbell TS. Insomnia symptoms and health-related quality of life among individuals enrolled in cardiac rehabilitation [Abstract]. *Psychosom Med*. 2016;78:A83.
12. Rouleau CR, King-Shier KM, Stone JA, Aggarwal S, Arena R, Campbell TS. A qualitative investigation of decisions about cardiac rehabilitation enrolment in patients with acute coronary syndrome [Abstract]. *J Cardiopulm Rehabil Prev*. 2015;35(5):370.
13. Armstrong MJ, Sigal RJ, Hauer TL, et al. Cardiac rehabilitation completion is associated with reduced mortality in diabetic subjects with coronary artery disease [Abstract]. *Circulation*. 2012;126(Suppl 21):A16447.
14. Corcelli A, Martin BJ, Hauer T, et al. The effect of cardiac rehabilitation on heart rate recovery differs according to sex [Abstract]. *J Cardiopulm Rehabil Prev*. 2012;32:S306.
15. Marra B, Martin BJ, Hauer T, et al. Change in blood lipid profile immediately following cardiac rehabilitation and at one year follow-up [Abstract]. *J Cardiopulm Rehabil Prev*. 2012;32(5):S310.
16. Martin BJ, Hauer T, Austford LD, et al. Cardiac rehabilitation is associated with reduced mortality and hospitalization in subjects with congestive heart failure [Abstract]. *Circulation*. 2012;126(Suppl 21):A18183.
17. Martin BJ, Hauer T, Austford LD, et al. Referral to cardiac rehabilitation: a quality indicator associated with reduced mortality [Abstract]. *Can J Cardiol*. 2012;28(Suppl 5):S219.
18. Martin BJ, Hauer T, Austford LD, et al. Referral to cardiac rehabilitation: quality indicator associated with reduced mortality [Abstract]. *Circulation*. 2012;126(Suppl 21):A19130.
19. Martin BJ, Hauer T, Haykowsky M, et al. Cardiac rehabilitation is associated with reduced mortality and hospitalization in subjects with congestive heart failure [Abstract]. *Can J Cardiol*. 2012;58(Suppl 5):S290-291.
20. Martin BJ, Hauer T, Knudtson ML, et al. Lack of impact of automated referral on attendance at cardiac rehabilitation among coronary artery bypass grafting patients: The Calgary experience [Abstract]. *Circulation*. 2012;28(Suppl 5):S124-125.
21. Martin BJ, Hauer T, Knudtson ML, et al. Obesity and cardiac rehabilitation: a differential association with referral and attendance in women versus men [Abstract]. *Can J Cardiol*. 2012;28(Suppl 5):S217.
22. Martin BJ, Haykowsky M, Hauer T, et al. Cardiac rehabilitation in the elderly: an under referred population that does not attend. *Circulation*. 2012;126(Suppl 21):A19178.
23. Martin BJ, Southern DA, Quan H, et al. South Asian ethnicity is associated with reduced rates of referral to cardiac rehabilitation [Abstract]. *Can J Cardiol*. 2012;28(5):S167.
24. Martin BJ, Haykowsky M, Hauer T, et al. Cardiac rehabilitation in the elderly: an under referred population that does not attend [Abstract]. *Can J Cardiol*. 2012;28(5):S392.
25. Martin BJ, Arena R, Hauer T, Austford LD, Aggarwal S, Stone JA. The prognostic importance of metabolic syndrome in a large cardiac rehabilitation cohort [Abstract]. *Circulation*.2011;124:A11349.
26. Martin BJ, Arena R, Hauer T, Austford LD, Aggarwal S, Stone JA. Cardiovascular fitness and mortality following contemporary cardiac rehabilitation [Abstract]. *Circulation*.2011;124: A13845.
27. Hauer T, Cuda L, Austford L, Arena R, Stone J, Aggarwal S. The independent effect of traditional cardiac rehabilitation and the LEARN program on weight loss: a comparative analysis [Abstract]. *Med Sci Sports Exerc*. 2011;43(Suppl 1), 113.
28. Martin BJ, Arena R, Hauer T, Aggarwal S, Stone J. Cardiovascular fitness and mortality following contemporary cardiac rehabilitation [Abstract]. *Can J Cardiol*. 2011;27(5):S110.
29. Martin BJ, Arena R, Hauer T, Stone JA, Aggarwal S. Higher body mass index is negatively associated with aerobic capacity improvements one year following participation in cardiac rehabilitation [Abstract]. *Can J Cardiol*. 2011;27(5):S111.
30. Martin BJ, Hauer T, Arena R, Stone JA, Aggarwal S. Cardiac rehabilitation following cardiac surgery: Patient characteristics, participation rate and outcomes [Abstract]. *Can J Cardiol*. 2011;27(5):S127.
31. Martin BJ, Arena R, Hauer T, Aggarwal S, Stone JA. The prognostic importance of metabolic syndrome in a large cardiac rehabilitation cohort [Abstract]. *J Cardiopulm Rehabil Prev*. 2011;31:E3.
32. Martin BJ, Arena R, Hauer T, Aggarwal S, Stone JA. Prognostic comparison of estimated aerobic capacity and percent-predicted values in men and women completing cardiac rehabilitation [Abstract]. *J Cardiopulm Rehabil Prev*. 2011;31:E3.
33. Stone JA, Arena RA, Campbell T, Hauer T, Aggarwal SA. Women display greater benefit from cardiac rehabilitation on symptoms of anxiety and depressed mood [Abstract]. *Eur J Cardiovasc Prev Rehabil.* 2011;18(Suppl 1):196.
34. Martin BJ, Hauer T, Lewin A, et al. Cardiac rehabilitation is associated with especially improved outcomes in women and the elderly: results from a large cohort study of coronary artery disease patients [Abstract]. *Circulation.* 2010;122: A9033.
35. Martin BJ, Hauer T, Lewin AM, et al. The impact of cardiac rehabilitation on outcomes in patients with coronary artery disease: Focus on women and the elderly [Abstract]. *Can J Cardiol*. 2010;26:52D.
36. Parker KL, Hauer T, Arena R, et al. The effect of participation in an early discharge clinic on cardiac rehabilitation attendance and outcome in current cigarette smokers suffering a STEMI [Abstract]. *Can J Cardiol*. 2009; 25(suppl SB).
37. Threlfall TG, Hauer T, Arena R, et al. Early participation in cardiac rehabilitation exercise programming further improves aerobic capacity post myocardial infarction [Abstract]. *Med Sci Sports Exerc*. 2009; 41(Suppl 1).
38. Parker K, Hauer T, Arena R, et al. Attendance in an early discharge clinic with symptom limited maximal exercise testing is safe and improves cardiac rehabilitation participation among low-risk STEMI patients [Abstract]. *Eur J Cardiov Prev R.* 2009;16 (Suppl 1):S51-S53.
39. Parker K, Hauer T, Arena R, et al. A new clinical care paradigm improves cardiac rehabilitation enrollment in post myocardial infarction patients: targeting the care gap following hospital discharge [Abstract]. Eur J Cardiovasc Nurs. 2009;8(Suppl 1): S11.
40. Stone JA, Hauer T, Aggarwal SA, Meldrum D, Austford L, Arena R. Retention of gains in exercise capacity one year following completion of cardiac rehabilitation [Abstract]. *J Cardiopulm Rehabil Prev*. 2008;28(5):339-340.
41. Hauer T, Stone JA, Arena R. Change in SF-12 subscores following cardiac rehabilitation [Abstract]. *J Cardiopulm Rehabil Prev*. 2007;27(5):326.
42. Hauer T, Stone JA, Arena R. Cardiac rehabilitation significantly improves aerobic exercise capacity in patients of advanced age [Abstract]. *J Cardiopulm Rehabil Prev*. 2007;27(5):327.
43. Hauer T, Austford L, Stone JA, Arena R. Influence of gender on the improvement in exercise capacity following cardiac rehabilitation [Abstract]. *Med Sci Sports Exerc.* 2007;39(5):S282–S283.
44. Stone JA, Hauer T, Aggarwal S, Meldrum DAN, Austford L. Telephone versus letter mediated patient recruitment in cardiac rehabilitation: time for a change? [Abstract]. *Eur J Cardiovasc Prev Rehabil*. 2007;14(1 Suppl):S78-S104.
45. Stone JA, Hauer T, Aggarwal S, et al. Is on-site medical supervision of cardiac rehabilitation necessary? [Abstract]. *Eur J Cardiovasc Prev Rehabil*. 2007;14(1 Suppl):S78-S104.
46. Logan TL, Ceri PM, Falconer TM, Krake SM, Haennel RG. The cardiovascular responses to simulated activities of daily living [Abstract]. *J Cardiopulm Rehabil Prev*. 1998;18(5):383.
47. Falconer TM, Logan TL, Stone JA, Haennel RG. The safety and efficacy of resistance training in stable heart failure patients [Abstract]. *J Cardiopulm Rehabil Prev*. 1998;18(5):351.