











- tients With Heart Failure: New Perspectives in Exercise Training[J]. Card Fail Rev, 2016, 2(1):63-68.
- [2] Anderson L, Thompson DR, Oldridge N, et al. Exercise-based cardiac rehabilitation for coronary heart disease[J]. Cochrane Database Syst Rev, 2016, (1): CD001800.
- [3] Thomas RJ, Beatty AL, Beckie TM, et al. Home-Based Cardiac Rehabilitation: A Scientific Statement From the American Association of Cardiovascular and Pulmonary Rehabilitation, the American Heart Association, and the American College of Cardiology[J]. Circulation, 2019, 140(1):e69-e89.
- [4] Carvalho VO, Bocchi EA, Guimarães GV. The Borg scale as an important tool of self-monitoring and self-regulation of exercise prescription in heart failure patients during hydrotherapy. A randomized blinded controlled trial[J]. Circ J, 2009, 73(10):1871-1876.
- [5] Rector TS, Cohn JN. Assessment of patient outcome with the Minnesota Living with Heart Failure questionnaire: reliability and validity during a randomized, double-blind, placebo-controlled trial of pimobendan. Pimobendan Multicenter Research Group [J]. Am Heart J, 1992, 124(4):1017-1025.
- [6] Chun KH, Kang SM. Cardiac Rehabilitation in Heart Failure[J]. Int J Heart Fail, 2021, 3(1):1-14.
- [7] 壮可,丁筱雪,张云梅,等.射血分数降低的心力衰竭患者舒张功能不全与运动耐量的关系[J].临床心血管病杂志,2020,36(2):148-152.
- [8] Volterrani M, Iellamo F. Cardiac Rehabilitation in Patients With Heart Failure: New Perspectives in Exercise Training[J]. Card Fail Rev, 2016, 2(1):63-68.
- [9] Kamiya K, Sato Y, Takahashi T, et al. Multidisciplinary Cardiac Rehabilitation and Long-Term Prognosis in Patients With Heart Failure[J]. Circ Heart Fail, 2020, 13(10):e006798.
- [10] Bozkurt B, Fonarow GC, Goldberg LR, et al. Cardiac Rehabilitation for Patients With Heart Failure: JACC Expert Panel[J]. J Am Coll Cardiol, 2021, 77(11): 1454-1469.
- [11] 司金萍,李骁,刘莹.射血分数改善型心力衰竭的研究进展[J]临床心血管病杂志,2020,36(3):296-300.
- [12] Ge C, Ma J, Xu Y, et al. Predictors of adherence to home-based cardiac rehabilitation program among coronary artery disease outpatients in China[J]. J Geriatr Cardiol, 2019, 16(10):749-755.
- [13] Piepoli MF, Hoes AW, Agewall S, et al. 2016 European Guidelines on cardiovascular disease prevention in clinical practice: The Sixth Joint Task Force of the European Society of Cardiology and Other Societies on Cardiovascular Disease Prevention in Clinical Practice (constituted by representatives of 10 societies and by invited experts) Developed with the special contribution of the European Association for Cardiovascular Prevention & Rehabilitation(EACPR)[J]. Eur Heart J, 2016, 37(29):2315-2381.
- [14] Hambrecht R, Niebauer J, Fiehn E, et al. Physical training in patients with stable chronic heart failure: effects on cardiorespiratory fitness and ultrastructural abnormalities of leg muscles[J]. J Am Coll Cardiol, 1995, 25(6):1239-1249.
- [15] Besnier F, Labrunée M, Pathak A, et al. Exercise training-induced modification in autonomic nervous system: An update for cardiac patients[J]. Ann Phys Rehabil Med, 2017, 60(1):27-35.
- [16] Smart N, Marwick TH. Exercise training for patients with heart failure: a systematic review of factors that improve mortality and morbidity [J]. Am J Med, 2004, 116(10):693-706.
- [17] Keteyian SJ. Exercise training in congestive heart failure: risks and benefits[J]. Prog Cardiovasc Dis, 2011, 53(6):419-428.
- [18] Pandey A, Parashar A, Kumbhani D, et al. Exercise training in patients with heart failure and preserved ejection fraction: meta-analysis of randomized control trials[J]. Circ Heart Fail, 2015, 8(1):33-40.
- [19] Taylor RS, Sagar VA, Davies EJ, et al. Exercise-based rehabilitation for heart failure[J]. Cochrane Database Syst Rev, 2014, (4):CD003331.
- [20] Morris JH, Chen L. Exercise Training and Heart Failure: A Review of the Literature [J]. Card Fail Rev, 2019, 5(1):57-61.
- [21] Leggio M, Fusco A, Loretta C, et al. Effects of exercise training in heart failure with preserved ejection fraction: an updated systematic literature review[J]. Heart Fail Rev, 2020, 25(5):703-711.
- [22] Bjarnason-Wehrens B, Nebel R, Jensen K, et al. Exercise-based cardiac rehabilitation in patients with reduced left ventricular ejection fraction: The Cardiac Rehabilitation Outcome Study in Heart Failure (CROS-HF): A systematic review and meta-analysis [J]. Eur J Prev Cardiol, 2020, 27(9):929-952.
- [23] 杨萍,丁澍,刘培晶,等.血管紧张素受体脑啡肽酶抑制剂治疗伴射血分数降低的心力衰竭的安全性和有效性观察[J].临床心血管病杂志,2020,36(3):257-261.
- [24] 廖梦阳,袁璟,廖玉华.鸟苷酸环化酶刺激剂联合RAS阻滞剂开启心力衰竭治疗新途径[J].临床心血管病杂志,2021,37(8):687-691.

(收稿日期:2022-03-06)