















- left ventricular assist device and after heart transplantation: an outlook for permanent assisting? *J Am Coll Cardiol* 2001;37:1794-9.
8. Stiller K. Physiotherapy in intensive care: an updated systematic review. *Chest* 2013;144:825-47.
  9. Wahab R, Yip NH, Chandra S, et al. The implementation of an early rehabilitation program is associated with reduced length of stay: a multi-ICU study. *J Intensive Care Soc* 2016;17:2-11.
  10. Scheiderer R, Belden C, Schwab D, et al. Exercise guidelines for inpatients following ventricular assist device placement: a systematic review of the literature. *Cardiopulm Phys Ther J* 2013;24:35-42.
  11. Lamotte MX, Chimenti S, Deboeck G, et al. Left ventricular assist device: exercise capacity evolution and rehabilitation added value. *Acta Cardiol* 2018;73:248-55.
  12. Mancini DM, Walter G, Reichek N, et al. Contribution of skeletal muscle atrophy to exercise intolerance and altered muscle metabolism in heart failure. *Circulation* 1992;85:1364-73.
  13. George I, Xydas S, Mancini DM, et al. Effect of clenbuterol on cardiac and skeletal muscle function during left ventricular assist device support. *J Heart Lung Transplant* 2006;25:1084-90.
  14. Nguyen E, Stein J. Functional outcomes of adults with left ventricular assist devices receiving inpatient rehabilitation. *PM R* 2013;5:99-103.
  15. Anderson L, Thompson DR, Oldridge N, et al. Exercise-based cardiac rehabilitation for coronary heart disease. *Cochrane Database Syst Rev* 2016;(1):CD001800.
  16. Ben Gal T, Piepoli MF, Corrà U, et al. Exercise programs for LVAD supported patients: a snapshot from the ESC affiliated countries. *Int J Cardiol* 2015;201:215-9.
  17. Racca V, Castiglioni P, Panzarino C, et al. End-stage heart failure: two surgical approaches with different rehabilitative outcomes. *PLoS One* 2017;12:e0185717.
  18. Ambrosetti M, Doherty P, Faggiano P, et al. Characteristics of structured physical training currently provided in cardiac patients: insights from the Exercise Training in Cardiac Rehabilitation (ETCR) Italian survey. *Monaldi Arch Chest Dis* 2017;87:778.
  19. Jung MH, Houston B, Russell SD, Gustafsson F. Pump speed modulations and sub-maximal exercise tolerance in left ventricular assist device recipients: a double-blind, randomized trial. *J Heart Lung Transplant* 2015;34:36-41.
  20. Mettauer B, Geny B, Lonsdorfer-Wolf E, et al. Exercise training with a heart device: a hemodynamic, metabolic, and hormonal study. *Med Sci Sports Exerc* 2001;33:2-8.
  21. Balachandran S, Lee A, Royse A, et al. Upper limb exercise prescription following cardiac surgery via median sternotomy: a web survey. *J Cardiopulm Rehabil Prev* 2014;34:390-5.
  22. Tuyl LJ, Mackney JH, Johnston CL. Management of sternal precautions following median sternotomy by physical therapists in Australia: a web-based survey. *Phys Ther* 2012;92:83-97.
  23. Katijjahbe MA, Denehy L, Granger CL, et al. The sternal management accelerated recovery trial (S.M.A.R.T.) - standard restrictive versus an intervention of modified sternal precautions following cardiac surgery via median sternotomy: study protocol for a randomised controlled trial. *Trials* 2017;18:290.
  24. Adams J, Cline MJ, Hubbard M, et al. A new paradigm for post-cardiac event resistance exercise guidelines. *Am J Cardiol* 2006;97:281-6.
  25. Ueno A, Tomizawa Y. Cardiac rehabilitation and artificial heart devices. *J Artif Organs* 2009;12:90-7.
  26. Compostella L, Russo N, Setzu T, et al. A practical review for cardiac rehabilitation professionals of continuous-flow left ventricular assist devices: historical and current perspectives. *J Cardiopulm Rehabil Prev* 2015;35:301-11.
  27. Fattirolli F, Bonacchi M, Bugasser C, et al. Cardiac rehabilitation of patients with left ventricular assist device as destination therapy. *Monaldi Arch Chest Dis* 2009;72:190-9.
  28. Jung MH, Gustafsson F. Exercise in heart failure patients supported with a left ventricular assist device. *J Heart Lung Transplant* 2015;34:489-496.
  29. Compostella L, Polastri M, Lamotte M, Bellotto F, Antoine M. Physiotherapy and rehabilitation management in adult LVAD patients. In: Montalto A, Loforte A, Musumeci F, Krabatsch T, Laughter MS, editors. *Mechanical circulatory support in end-stage heart failure. A practical guide.* Cham; Springer: 2017. p. 412-414.
  30. Bruce CR, Kostick KM, Delgado ED, et al. Reasons why eligible candidates decline left ventricular assist device placement. *J Card Fail* 2015;21:835-9.
  31. Teochari AC, Michalopoulos G, Oikonomou EK, et al. Heart transplantation versus left ventricular assist devices as destination therapy or bridge to transplantation for 1-year mortality: a systematic review and meta-analysis. *Ann Cardiothorac Surg* 2018;7:3-11.
  32. Reineke DC, Mohacsi PJ. New role of ventricular assist devices as bridge to transplantation: European perspective. *Curr Opin Organ Transplant* 2017;22:225-30.