**![A picture containing food

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**29th September 2021 Cardiac Rehab Notes**

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* The National Audit of Cardiac Rehabilitation Quality and Outcomes Report 2018 [Link](https://www.bhf.org.uk/informationsupport/publications/statistics/national-audit-of-cardiac-rehabilitation-quality-and-outcomes-report-2018)
* BACPR scientific statement: British standards and core components for cardiovascular disease prevention and rehabilitation[Link](http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.982.8360&rep=rep1&type=pdf)
* McHale, S., Astin, F., Neubeck, L., Dawkes, S. and Hanson, C.L., 2020. A systematic review and thematic synthesis exploring how a previous experience of physical activity influences engagement with cardiac rehabilitation. European Journal of Cardiovascular Nursing, 19(1), pp.31-43. [Link](https://pure.hud.ac.uk/en/publications/a-systematic-review-and-thematic-synthesis-exploring-how-a-previo)
* Taylor, R.S., Sagar, V.A., Davies, E.J., Briscoe, S., Coats, A.J., Dalal, H., Lough, F., Rees, K., Singh, S.J. and Mordi, I.R., 2014. Exercise‐based rehabilitation for heart failure. Cochrane database of systematic reviews, (4). [Link](https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD003331.pub4/full)
* Price, K.J., Gordon, B.A., Bird, S.R. and Benson, A.C., 2016. A review of guidelines for cardiac rehabilitation exercise programmes: is there an international consensus?. European journal of preventive cardiology, 23(16), pp.1715-1733. [Link](https://journals.sagepub.com/doi/abs/10.1177/1474515119882549)
* Long, L., Mordi, I.R., Bridges, C., Sagar, V.A., Davies, E.J., Coats, A.J., Dalal, H., Rees, K., Singh, S.J. and Taylor, R.S., 2019. Exercise‐based cardiac rehabilitation for adults with heart failure. Cochrane Database of Systematic Reviews, (1). [Link](https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD003331.pub5/full)
* Long, L., Anderson, L., Gandhi, M., Dewhirst, A., Bridges, C. and Taylor, R., 2019. Exercise-based cardiac rehabilitation for stable angina: systematic review and meta-analysis. Open heart, 6(1), p.e000989. [Link](https://openheart.bmj.com/content/6/1/e000989.abstract)
* Narici, M., De Vito, G., Franchi, M., Paoli, A., Moro, T., Marcolin, G., Grassi, B., Baldassarre, G., Zuccarelli, L., Biolo, G. and Di Girolamo, F.G., 2020. Impact of sedentarism due to the COVID-19 home confinement on neuromuscular, cardiovascular and metabolic health: Physiological and pathophysiological implications and recommendations for physical and nutritional countermeasures. *European Journal of Sport Science*, pp.1-22. [Link](https://www.tandfonline.com/doi/pdf/10.1080/17461391.2020.1761076)
* BRAITH, R.W., WELSCH, M.A., MILLS JR, R.M., KELLER, J.W. and POLLOCK, M.L., 1998. Resistance exercise prevents glucocorticoid-induced myopathy in heart transplant recipients. Medicine & Science in Sports & Exercise, 30(4), pp.483-489. [Link](https://journals.lww.com/em-news/00005768-199804000-00003.fulltext)
* Cornelissen, V.A., Fagard, R.H., Coeckelberghs, E. and Vanhees, L., 2011. Impact of resistance training on blood pressure and other cardiovascular risk factors: a meta-analysis of randomized, controlled trials. Hypertension, 58(5), pp.950-958.[Link](https://www.ahajournals.org/doi/pdf/10.1161/HYPERTENSIONAHA.111.177071)
* Anayo, L., Rogers, P., Long, L., Dalby, M. and Taylor, R., 2019. Exercise-based cardiac rehabilitation for patients following open surgical aortic valve replacement and transcatheter aortic valve implant: a systematic review and meta-analysis. Open heart, 6(1), p.e000922. [Link](https://openheart.bmj.com/content/6/1/e000922)

**Vibration Training**

* Figueroa, A., Gil, R., Wong, A., Hooshmand, S., Park, S.Y., Vicil, F. and Sanchez-Gonzalez, M.A., 2012. Whole-body vibration training reduces arterial stiffness, blood pressure and sympathovagal balance in young overweight/obese women. Hypertension Research, 35(6), pp.667-672. [Link](https://www.nature.com/articles/hr201215)
* Yule, C.E., Stoner, L., Hodges, L.D. and Cochrane, D.J., 2016. Does short-term whole-body vibration training affect arterial stiffness in chronic stroke? A preliminary study. Journal of physical therapy science, 28(3), pp.996-1002. [Link](https://www.jstage.jst.go.jp/article/jpts/28/3/28_jpts-2015-901/_pdf)
* Zornoff, L. and Minicucci, M.F., 2019. Is There a Role For Whole Body Vibration in Protecting Cardiovascular Disease?. Arquivos brasileiros de cardiologia, 112(1), pp.38-39. [Link](https://www.scielo.br/scielo.php?pid=S0066-782X2019000100038&script=sci_arttext)
* Chaves, J.R., Borges, D.L., Fortes, J.V.S., Vale, T.F.S., Borges, M.G.B., Silva, L.M., de Sá-Caputo, D.C. and Bernardo-Filho, M., 2018. Study of the effect of whole body vibration exercise in cardiac surgery postoperative care: a protocol proposition. Brazilian Journal of Health and Biomedical Sciences, 17(100), pp.7-11.[Link](http://revista.hupe.uerj.br/?handler=artigo&e=100&o=2&lang=en)

**Training**

* Harwood, A., Ingle, L., Chetter, I. and Doherty, P., The BASES Expert Statement on Exercise Training for People with Intermittent Claudication due to Peripheral Arterial Disease. [Link](https://www.bases.org.uk/imgs/autumn_2018_7601_bas_expert_statement__v2_569.pdf)
* Butler, T., Kerley, C.P., Altieri, N., Alvarez, J., Green, J., Hinchliffe, J., Stanford, D. and Paterson, K., 2020. Optimum nutritional strategies for cardiovascular disease prevention and rehabilitation (BACPR). Heart, 106(10), pp.724-731. [Link](https://heart.bmj.com/content/heartjnl/106/10/724.full.pdf)
* Hannan, A.L., Hing, W., Simas, V., Climstein, M., Coombes, J.S., Jayasinghe, R., Byrnes, J. and Furness, J., 2018. High-intensity interval training versus moderate-intensity continuous training within cardiac rehabilitation: a systematic review and meta-analysis. Open access journal of sports medicine, 9, p.1. [Link](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5790162/)
* Hollings, M., Mavros, Y., Freeston, J. and Fiatarone Singh, M., 2017. The effect of progressive resistance training on aerobic fitness and strength in adults with coronary heart disease: a systematic review and meta-analysis of randomised controlled trials. European journal of preventive cardiology, 24(12), pp.1242-1259. [Link](https://d1wqtxts1xzle7.cloudfront.net/53968866/Hollings_2017_European_Journal_Preventive_Cardiology.pdf?1500969831=&response-content-disposition=inline%3B+filename%3DThe_effect_of_progressive_resistance_tra.pdf&Expires=1592480092&Signature=ePcK2CcJBvpSA7ad0U9RMCVhstzjgU~NmIbwGE1ISM~WDXIBmpWgwNQZOWufsf9Pyn~vlqh6TtJQMtlbKxJmst7Nca82ezyIr~zg9W5Pj-0KEBQQ9qS~xwBsTsu~cm8b3HIMp63lE3y6Qs-4z7c1tEM-mmOhOh8H4ESBzgsl42Jm5uRn~8hATzsfPctqT0CMAx53C5pwWLcyGQOGTpciq0yo6HshlH2RCw15UoWUebyYR2mHmt2AHUrUD5OyKcuB9PsUA2Ro9zn-vYzeZ6b7cqrYvP4mXJQHDsRXDfZbFPuZsQhXeiAVnwH-OCz6IkU3L8sMyoMknIR1jenjQ3yn~Q__&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA)
* van Halewijn, G., Deckers, J., Tay, H.Y., van Domburg, R., Kotseva, K. and Wood, D., 2017. Lessons from contemporary trials of cardiovascular prevention and rehabilitation: A systematic review and meta-analysis. International Journal of Cardiology, 232, pp.294-303. [Link](https://www.sciencedirect.com/science/article/pii/S0167527316346162)
* Gomes-Neto, M., Duraes, A.R., Reis, H.F.C.D., Neves, V.R., Martinez, B.P. and Carvalho, V.O., 2017. High-intensity interval training versus moderate-intensity continuous training on exercise capacity and quality of life in patients with coronary artery disease: A systematic review and meta-analysis. European Journal of Preventive Cardiology, 24(16), pp.1696-1707. [Link](https://www.researchgate.net/profile/Micheli_Bernardone_Saquetto/publication/282128234_Impact_of_Exercise_Training_in_Aerobic_Capacity_and_Pulmonary_Function_in_Children_and_Adolescents_After_Congenital_Heart_Disease_Surgery_A_Systematic_Review_with_Meta-analysis/links/56093e5708ae576ce63df070.pdf)
* Gomes-Neto, M., Duraes, A.R., Reis, H.F.C.D., Neves, V.R., Martinez, B.P. and Carvalho, V.O., 2017. High-intensity interval training versus moderate-intensity continuous training on exercise capacity and quality of life in patients with coronary artery disease: A systematic review and meta-analysis. European Journal of Preventive Cardiology, 24(16), pp.1696-1707. [Link](https://www.researchgate.net/profile/Mansueto_Neto/publication/319213975_High-intensity_interval_training_versus_moderate-intensity_continuous_training_on_exercise_capacity_and_quality_of_life_in_patients_with_coronary_artery_disease_A_systematic_review_and_meta-analysis/links/599d8e570f7e9b892bb3e09a/High-intensity-interval-training-versus-moderate-intensity-continuous-training-on-exercise-capacity-and-quality-of-life-in-patients-with-coronary-artery-disease-A-systematic-review-and-meta-analysis.pdf)
* Buckingham, S.A., Taylor, R.S., Jolly, K., Zawada, A., Dean, S.G., Cowie, A., Norton, R.J. and Dalal, H.M., 2016. Home-based versus centre-based cardiac rehabilitation: abridged Cochrane systematic review and meta-analysis. Open Heart, 3(2), p.e000463. [Link](https://openheart.bmj.com/content/3/2/e000463?utm_campaign=oh&utm_source=trendmd&utm_medium=cpc&utm_content=consumer&utm_term=1-A)
* Cornelis, J., Beckers, P., Taeymans, J., Vrints, C. and Vissers, D., 2016. Comparing exercise training modalities in heart failure: a systematic review and meta-analysis. International journal of cardiology, 221, pp.867-876. [Link](https://www.sciencedirect.com/science/article/pii/S0167527316314589)
* Taylor, R.S., Long, L., Mordi, I.R., Madsen, M.T., Davies, E.J., Dalal, H., Rees, K., Singh, S.J., Gluud, C. and Zwisler, A.D., 2019. Exercise-based rehabilitation for heart failure: Cochrane systematic review, meta-analysis, and trial sequential analysis. JACC: Heart Failure, 7(8), pp.691-705. [Link](https://heartfailure.onlinejacc.org/content/7/8/691.abstract)
* Patel, H., Alkhawam, H., Madanieh, R., Shah, N., Kosmas, C.E. and Vittorio, T.J., 2017. Aerobic vs anaerobic exercise training effects on the cardiovascular system. World journal of cardiology, 9(2), p.134. [Link](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5329739/)
* Kachur, S., Chongthammakun, V., Lavie, C.J., De Schutter, A., Arena, R., Milani, R.V. and Franklin, B.A., 2017. Impact of cardiac rehabilitation and exercise training programs in coronary heart disease. Progress in cardiovascular diseases, 60(1), pp.103-114. [Link](https://espace.library.uq.edu.au/data/UQ_684081/UQ684081_OA.pdf?dsi_version=7138b76b3eaf1330150d3c5651b1b84a&Expires=1592477067&Key-Pair-Id=APKAJKNBJ4MJBJNC6NLQ&Signature=doq~asaLLf0oh9MAj9ARf1gqu8V0CmF9UHJSSBvu4P1bufgX0PXYsbqjSuPQHgvmYd3SlPswq5Ufwa0snjv9zMEHQoPKs0QUs9Z0-qUPD3dK8qFDFtLpsUqKXxq8sp7ncx8~elY4smYXzpjjGFhcTzBhCra-MOyHsBPsUBxdbvbTf8DasgpxY4LkuQvsyKy6MQuCiDy31YyI6r1GVwRWxz9nA7JGmHe6b4wW051UY1Pd1Y720-s52VEZAmOH~wY~CRpu53VZKj8t~sj6HDxXLbfavOdpfOIhU3s8uBWMEYT5B0qYDU8D6831kxsoW4JUrMMIHfYS1LQX~0RH5C1ppw__)
* Casonatto, J., Goessler, K.F., Cornelissen, V.A., Cardoso, J.R. and Polito, M.D., 2016. The blood pressure-lowering effect of a single bout of resistance exercise: a systematic review and meta-analysis of randomised controlled trials. European journal of preventive cardiology, 23(16), pp.1700-1714. [Link](https://www.researchgate.net/profile/Juliano_Casonatto/publication/306037781_The_blood_pressure-lowering_effect_of_a_single_bout_of_resistance_exercise_A_systematic_review_and_meta-analysis_of_randomised_controlled_trials/links/5ae07617a6fdcc29359102b6/The-blood-pressure-lowering-effect-of-a-single-bout-of-resistance-exercise-A-systematic-review-and-meta-analysis-of-randomised-controlled-trials.pdf)
* Ingle, L. and Carroll, S., 2020. Cardiac rehabilitation and exercise training. [Link](http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.833.3677&rep=rep1&type=pdf)
* Price, K.J., Gordon, B.A., Bird, S.R. and Benson, A.C., 2016. A review of guidelines for cardiac rehabilitation exercise programmes: is there an international consensus?. European Journal of Preventive Cardiology, 23(16), pp.1715-1733. [Link](https://journals.sagepub.com/doi/pdf/10.1177/2047487316657669)
* Gohlke, H., 2017. General Principles of Nutrition Support in Cardiac Rehabilitation. In Cardiac Rehabilitation Manual (pp. 31-72). Springer, Cham. [Link](https://www.semanticscholar.org/paper/General-Principles-of-Nutrition-Support-in-Cardiac-Gohlke/b4bcd1d68ecc1b6200127ba64f0ce14cc838cc66)
* Lacroix, S., Cantin, J. and Nigam, A., 2017. Contemporary issues regarding nutrition in cardiovascular rehabilitation. Annals of physical and rehabilitation medicine, 60(1), pp.36-42. [Link](file:////Users/grantralston/Desktop/Desk%20Top%20Folders/WRIGHT%20FOUNDATION%20CIC/WF%20Day%20Notes/Lacroix,%20S.,%20Cantin,%20J.%20and%20Nigam,%20A.,%202017.%20Contemporary%20issues%20regarding%20nutrition%20in%20cardiovascular%20rehabilitation.%20Annals%20of%20physical%20and%20rehabilitation%20medicine,%2060(1),%20pp.36-42.)

**Miscellaneous Studies**

* Rawstorn, J.C., Gant, N., Direito, A., Beckmann, C. and Maddison, R., 2016. Telehealth exercise-based cardiac rehabilitation: a systematic review and meta-analysis. Heart, 102(15), pp.1183-1192. [Link](http://efsma.eu/images/pdf/references/eph_and_cardiovascular_system/Rawstorn-et-al-2016-Telehealth-exercise-based-cardiac-rehabilitation-a-systematic-review-and-meta-analysis.pdf)