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DAFTAR PUSTAKA

Abreu, A., Schmid, J.-P., & Piepoli, M. (2020). The ESC Handbook of Cardiovascular Rehabilitation, First Edit. ed. New York : Oxford University Press.

Achttien, R.J., Staal, J.B., van der Voort, S., Kemps, H.M.C., Koers, H., Jongert, M.W.A., *et al.* (2013). Exercise-based cardiac rehabilitation in patients with coronary heart disease: A practice guideline. *Netherlands Hear. J.* 21 : 429–438. Available at: https://doi.org/10.1007/s12471-013-0467-y

ACSM (2021). ACSM's Guidelines for Exercise Testing and Prescription, 11th ed. Indianapolis : ACSM.

Adam, C.A., Erskine, J., Akinci, B., Kambic, T., Conte, E., Manno, G., *et al.* (2025). Exercise Training and Cardiac Rehabilitation in Patients After Percutaneous Coronary Intervention : Comprehensive Assessment and Prescription 1–19.

Ades, P.A., Keteyian, S.J., Wright, J.S., Hamm, L.F., Lui, K., & ... (2017). Increasing cardiac rehabilitation participation from 20% to 70%: a road map from the Million Hearts Cardiac Rehabilitation Collaborative. *Mayo Clin. ...*.

Ades, P.A., Keteyian, S.J., Wright, J.S., Hamm, L.F., Lui, K., Newlin, K., *et al.* (2022a). Increasing Cardiac Rehabilitation Participation From 20% to 70%: A Road Map From the Million Hearts Cardiac Rehabilitation Collaborative. *Mayo Clin. Proc.* 92 : 234–242. Available at: https://doi.org/10.1016/j.mayocp.2016.10.014

Ades, P.A., Khadanga, S., Savage, P.D., & Gaalema, D.E. (2022b). Enhancing Participation in Cardiac Rehabilitation: Focus on Underserved Populations. *Prog. Cardiovasc. Dis.* 70 : 102–110. Available at: https://doi.org/10.1016/j.pcad.2022.01.003

Albert, N.M., Barnason, S., Deswal, A., Hernandez, A., Kociol, R., Lee, E., *et al.* (2015). Transitions of Care in Heart Failure A Scientific Statement From the American Heart Association 384–409. Available at: https://doi.org/10.1161/HHF.0000000000000006

Ambrosetti, M., Abreu, A., Corrà, U., Davos, C.H., Hansen, D., Frederix, I., *et al.* (2021). Secondary prevention through comprehensive cardiovascular rehabilitation: From knowledge to implementation. 2020 update. A position paper from the Secondary Prevention and Rehabilitation Section of the European Association of Preventive Cardiology. *Eur. J. Prev. Cardiol.* 28 : 460 – 495. Available at: https://doi.org/10.1177/2047487320913379

American Thoracic Society (2002). ATS Statement : Guidelines for the Six-Minute Walk Test. *Am J Respir Crit Care Med* 166 : 111–117. Available at: https://doi.org/10.1164/rccm.166/1/111

Anderson, L., Sharp, G.A., Norton, R.J., Dalal, H., Dean, S.G., Jolly, K., *et al.* (2017). Home-based versus centre-based cardiac rehabilitation. *Cochrane database Syst. Rev.* 6. Available at: https://doi.org/10.1002/14651858.CD007130.PUB4

Anderson, L., Thompson, D.R., Oldridge, N., Zwisler, A.-D., Rees, K., Martin, N., *et al.* (2016). Exercise-based cardiac rehabilitation for coronary heart disease. *Cochrane Database Syst. Rev.* Available at: https://doi.org/10.1002/14651858.CD001800.pub3

UNIVERSITAS GADJAH MADA
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Antoniou, V., Davos, C.H., Kapreli, E., Batalik, L., Panagiotakos, D.B., & Pepera, G. (2022). Effectiveness of Home-Based Cardiac Rehabilitation, Using Wearable Sensors, as a Multicomponent, Cutting-Edge Intervention: A Systematic Review and Meta-Analysis. *J. Clin. Med.* 11. Available at: https://doi.org/10.3390/JCM11133772

Antoniou, V., Kapreli, E., Davos, C.H., Batalik, L., & Pepera, G. (2024). Safety and long-term outcomes of remote cardiac rehabilitation in coronary heart disease patients: A systematic review. *Digit. Heal.* 10. Available at: https://doi.org/10.1177/20552076241237661

Arena, R., Myers, J., Williams, M.A., Gulati, M., Kligfield, P., Balady, G.J., *et al.* (2007). Assessment of Functional capacity in Clinical and Research Settings: A Scientific Statement From the American Heart Association committee on Exercise, Rehabilitation, and Prevention of the Council on Clinical Cardiology and the council on cardiovascular N. *Circulation* 116 : 329–343. Available at: https://doi.org/10.1161/CIRCULATIONAHA.106.184461

Bakhshayeh, S., Sarbaz, M., Kimiafar, K., Vakilian, F., & Eslami, S. (2021). Barriers to Participation in Center-Based Cardiac Rehabilitation Programs and Patients' Attitude Toward Home-Based Cardiac Rehabilitation Programs. *Physiother. Theory Pract.* 37 : 158–168. Available at: https://doi.org/10.1080/09593985.2019.1620388

Bakhshayesh, S., Gholoobi, A., Moulaei, K., Khoshrounejad, F., Mazaheri Habibi, M.R., Ebnehoseini, Z., *et al.* (2025). From hospital to home: a comprehensive platform supporting cardiac rehabilitation post-revascularization. *BMC Med. Inform. Decis. Mak.* 25. Available at: https://doi.org/10.1186/s12911-025-03079-4

Balady, G.J., Williams, M.A., Ades, P.A., Bittner, V., Comoss, P., Foody, J.A.M., *et al.* (2007). Core components of cardiac rehabilitation/secondary prevention programs: 2007 Update - A Scientific Statement From the American Heart Association Exercise, Cardiac Rehabilitation, and Prevention Committee, the Council on Clinical Cardiology; the Councils . *Circulation* 115 : 2675–2682. Available at: https://doi.org/10.1161/CIRCULATIONAHA.106.180945

Batalik, L., Dosbaba, F., Hartman, M., Konecny, V., Batalikova, K., & Spinar, J. (2021). Long-term exercise effects after cardiac telerehabilitation in patients with coronary artery disease: 1-year follow-up results of the randomized study. *Eur. J. Phys. Rehabil. Med.* 57 : 807–814. Available at: https://doi.org/10.23736/s1973-9087.21.06653-3

Beatty, A.L., Bradley, S.M., Maynard, C., & McCabe, J.M. (2017). Referral to Cardiac Rehabilitation after Percutaneous Coronary Intervention, Coronary Artery Bypass Surgery, and Valve Surgery. *Circ. Cardiovasc. Qual. Outcomes* 10. Available at: https://doi.org/10.1161/CIRCOUTCOMES.116.003364

Beatty, A.L., Brown, T.M., Corbett, M., Diersing, D., Keteyian, S.J., Mola, A., *et al.* (2021). Million Hearts Cardiac Rehabilitation Think Tank: Accelerating New Care Models. *Circ. Cardiovasc. Qual. Outcomes* 14 : E008215. Available at: https://doi.org/10.1161/CIRCOUTCOMES.121.008215

Beatty, A.L., Schiller, N.B., & Whooley, M.A. (2012). Six-minute walk test as a prognostic tool in stable coronary heart disease: data from the Heart and Soul Study. *Arch Intern Med.* 172 : 1–7. Available at: https://doi.org/10.1001/archinternmed.2012.2198.Six-minute

UNIVERSITAS GADJAH MADA
Pengembangan Program Telerehabilitasi Kardiovaskular Berbasis Latihan di Rumah pada Pasien Pasca Intervensi Koroner Perkutan
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Beckie, T.M. (2019). Utility of Home-Based Cardiac Rehabilitation for Older Adults. *Clin Geriatr Med* 35 : 499–516. Available at: https://doi.org/https://doi.org/10.1016/j.cger.2019.07.003

Borchers, P., Pfisterer, D., Scherpf, M., Voigt, K., & Bergmann, A. (2023). Needs- and user-oriented development of contactless camera-based telemonitoring in heart disease–Results of an acceptance survey from the Home-based Healthcare Project (feasibility project). *PLoS One* 18 : 1–12. Available at: https://doi.org/10.1371/journal.pone.0282527

Boyd, K., Bond, R., Vertesi, A., Dogan, H., & Magee, J. (2019). How People Judge the Usability of a Desktop Graphic User Interface at Different Time Points: Is there Evidence for Memory Decay, Recall Bias or Temporal Bias? *Interact. Comput.* 31 : 221–230. Available at: https://doi.org/10.1093/iwc/iwz019

Brouwers, R.W.M., Kraal, J.J., Traa, S.C.J., Spee, R.F., Oostveen, L.M.L.C., & Kemps, H.M.C. (2017). Effects of cardiac telerehabilitation in patients with coronary artery disease using a personalised patient-centred web application: protocol for the SmartCare-CAD randomised controlled trial. *BMC Cardiovasc. Disord.* 17 : 46. Available at: https://doi.org/10.1186/s12872-017-0477-6

Byrne, R.A., Rossello, X., Coughlan, J.J., Barbato, E., Berry, C., Chieffo, A., *et al.* (2023). 2023 ESC Guidelines for the management of acute coronary syndromes. *Eur. Heart J.* 44 : 3720–3826. Available at: https://doi.org/10.1093/eurheartj/ehad191

Cahalin, L.P., Mathier, M.A., Semigran, M.J., Dec, G.W., & Disalvo, T.G. (1996). The Six-Minute Walk Test Predicts Peak Oxygen Uptake and Survival in Patients With Advanced Heart Failure. *Chest* 110 : 325–332. Available at: https://doi.org/10.1378/chest.110.2.325

Carter, S.N. (2019). The Integration of Mobile Health In Cardiac Rehabilitation and Secondary Prevention of Coronary Heart Disease. search.proquest.com.

Cavalheiro, A.H., Silva Cardoso, J., Rocha, A., Moreira, E., & Azevedo, L.F. (2021). Effectiveness of Tele-rehabilitation Programs in Heart Failure: A Systematic Review and Meta-analysis. *Heal. Serv. Insights* 14. Available at: https://doi.org/10.1177/11786329211021668

Chakrabarti, S. (2014). What's in a name? Compliance, adherence and concordance in chronic psychiatric disorders. *World J. Psychiatry* 4 : 30. Available at: https://doi.org/10.5498/wjp.v4.i2.30

Chatzitofis, A., Monaghan, D., Mitchell, E., Honohan, F., Zarpalas, D., O'Connor, N.E., *et al.* (2015). HeartHealth: A cardiovascular disease home-based rehabilitation system, in: *Procedia Computer Science*. pp. 340–347. Available at: https://doi.org/10.1016/j.procs.2015.08.352

Chindhy, S., Taub, P.R., Lavie, C.J., & Shen, J. (2020). Current challenges in cardiac rehabilitation: strategies to overcome social factors and attendance barriers. *Expert Rev. Cardiovasc. Ther.* 18 : 777–789. Available at: https://doi.org/10.1080/14779072.2020.1816464

Chowdhury, M., Heald, F.A., Turk-Adawi, K., Supervia, M., Babu, A.S., Radi, B., *et al.* (2021). Availability and delivery of cardiac rehabilitation in South-East Asia: How

UNIVERSITAS GADJAH MADA
Pengembangan Program Telerehabilitasi Kardiovaskular Berbasis Latihan di Rumah pada Pasien Pasca Intervensi Koroner Perkutan
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

does it compare globally? *WHO South-East Asia J. public Heal.* 10 : 57–65. Available at: https://doi.org/10.4103/WHO-SEAJPH.WHO-SEAJPH_62_21

da Silva, A.K.F., Barbosa, M.P. da C. de R., Bernardo, A.F.B., Vanderlei, F.M., Pacagnelli, F.L., & Vanderlei, L.C.M. (2014). Cardiac risk stratification in cardiac rehabilitation programs: a review of protocols. *Brazilian J. Cardiovasc. Surg.* 29 : 255–265. Available at: https://doi.org/10.5935/1678-9741.20140067

Daly, J., Sindone, A.P., Thompson, D.R., Hancock, K., Chang, E., & Davidson, P. (2002). Barriers to Participation In and Adherence to cardiac Rehabilitation Programs: A Critical Literature Review. *Prog. Cardiovasc. Nurs.* 17 : 8–17. Available at: https://doi.org/10.1111/j.0889-7204.2002.00614.x

Dibben, G.O., Faulkner, J., Oldridge, N., Rees, K., Thompson, D.R., Zwisler, A.D., *et al.* (2023). Exercise-based cardiac rehabilitation for coronary heart disease: a meta-analysis. *Eur. Heart J.* 44 : 452–469. Available at: https://doi.org/10.1093/eurheartj/ehac747

Drwal, K.R., Wakefield, B.J., Forman, D.E., Wu, W.-C., Haraldsson, B., & El Accaoui, R.N. (2021). Home-Based Cardiac Rehabilitation: EXPERIENCE from the VETERANS AFFAIRS. *J. Cardiopulm. Rehabil. Prev.* 41 : 93–99. Available at: https://doi.org/10.1097/HCR.0000000000000594

Dwiputra, B., Santoso, A., Purwowiyoto, B.S., Radi, B., Ambari, A.M., Desandri, D.R., *et al.* (2023). Smartphone-Based Cardiac Rehabilitation Program Improves Functional Capacity in Coronary Heart Disease Patients: A Systematic Review and Meta-Analysis. *Glob. Heart* 18 : 42. Available at: https://doi.org/10.5334/gh.1253

Epstein, E., Rosander, A., Pazargadi, A., & Taub, P. (2020). Cardiac Rehab for Functional Improvement. *Curr. Heart Fail. Rep.* 17 : 161–170. Available at: https://doi.org/10.1007/s11897-020-00462-2

Eser, P., Pini, M., Vetsch, T., Marcin, T., Berni, S., Burri, R., *et al.* (2026). Comparison of patient characteristics and health outcomes between self-selected centre- based cardiac rehabilitation and hybrid cardiac telerehabilitation : a prospective cohort study. *Eur. J. Prev. Cardiol.* 33 : 829–838. Available at: https://doi.org/10.1093/eurjpc/zwaf107

Eshahn, N.F., & Bond, A.E. (2009). Cardiac rehabilitation programme for coronary heart disease patients: An integrative literature review. *Int. J. Nurs. Pract.* 15 : 131–139. Available at: https://doi.org/10.1111/j.1440-172X.2009.01738.x

Frederix, I., Caiani, E.G., Dendale, P., Anker, S., Bax, J., Böhm, A., *et al.* (2019). ESC e-Cardiology Working Group Position Paper: Overcoming challenges in digital health implementation in cardiovascular medicine. *Eur. J. Prev. Cardiol.* 26 : 1166–1177. Available at: https://doi.org/10.1177/2047487319832394

Fukuoka, Y., Beatty, A.L., & Whooley, M.A. (2013). Using mobile technology for cardiac rehabilitation: A review and framework for development and evaluation. *J. Am. Heart Assoc.* 2 : 1–8. Available at: https://doi.org/10.1161/jaha.113.000568

Ge, C., Ma, J., Xu, Y., Shi, Y.J., Zhao, C.H., Gao, L., *et al.* (2019). Predictors of adherence to home-based cardiac rehabilitation program among coronary artery disease outpatients in China. *J. Geriatr. Cardiol.* 16 : 749–755. Available at:

UNIVERSITAS GADJAH MADA
Pengembangan Program Telerehabilitasi Kardiovaskular Berbasis Latihan di Rumah pada Pasien Pasca Intervensi Koroner Perkutan
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https://doi.org/10.11909/J.ISSN.1671-5411.2019.10.003

Główczyńska, R., Piotrowicz, E., Szalewska, D., Piotrowicz, R., Kowalik, I., Pencina, M.J., *et al.* (2021). Effects of hybrid comprehensive telerehabilitation on cardiopulmonary capacity in heart failure patients depending on diabetes mellitus: subanalysis of the TELEREH-HF randomized clinical trial. *Cardiovasc. Diabetol.* 20 : 106. Available at: https://doi.org/10.1186/s12933-021-01292-9

Golbus, J.R., Lopez-Jimenez, F., Barac, A., Cornwell, W.K., Dunn, P., Forman, D.E., *et al.* (2023). Digital Technologies in Cardiac Rehabilitation: A Science Advisory From the American Heart Association. *Circulation* 148 : 95–107. Available at: https://doi.org/10.1161/CIR.0000000000001150

Grace, S.L., Midence, L., Oh, P., Brister, S., Chessex, C., Stewart, D.E., *et al.* (2016). Cardiac Rehabilitation Program Adherence and Functional Capacity Among Women: A Randomized Controlled Trial. *Mayo Clin. Proc.* 91 : 140–148. Available at: https://doi.org/10.1016/j.mayocp.2015.10.021

Gremeaux, V., Troisgros, O., Benaïm, S., Hannequin, A., Laurent, Y., Casillas, J.-M., *et al.* (2011). Determining the minimal clinically important difference for the six-minute walk test and the 200-meter fast-walk test during cardiac rehabilitation program in coronary artery disease patients after acute coronary syndrome. *Arch. Phys. Med. Rehabil.* 92 : 611–9. Available at: https://doi.org/10.1016/j.apmr.2010.11.023

Griffo, R., Ambrosetti, M., Tramarin, R., Fattirolli, F., Temporelli, P.L., Vestri, A.R., *et al.* (2013). Effective secondary prevention through cardiac rehabilitation after coronary revascularization and predictors of poor adherence to lifestyle modification and medication. Results of the ICAROS Survey. *Int. J. Cardiol.* 167 : 1390–1395. Available at: https://doi.org/10.1016/j.ijcard.2012.04.069

Hartopo, A.B., Arso, I.A., Ambari, A.M., Dwiputra, B., & Radi, B. (2022). Exercise-based cardiac rehabilitation adaptation protocol during Covid-19 pandemic achieved similar results as compared to non-pandemic usual practice: a single center experience. *J. Med. Sci. (Berkala Ilmu Kedokteran)* 54 : 369–375. Available at: https://doi.org/10.19106/jmedsci005404202207

Hasenfuß, G. (2018). Secondary prevention of cardiovascular diseases: current state of the art. *Kardiol. Pol.* 76 : 1671–1679. Available at: https://doi.org/10.5603/KP.a2018.0198

Heiby, E.M., Lukens, C.L., & Frank, M.R. (2005). The Health Compliance Model-II. *Behav. Anal. Today* 6 : 27–42. Available at: https://doi.org/10.1037/h0100050

Heindl, B., Ramirez, L., Joseph, L., Clarkson, S., Thomas, R., & Bittner, V. (2022). Hybrid cardiac rehabilitation – The state of the science and the way forward. *Prog. Cardiovasc. Dis.* 70 : 175–182. Available at: https://doi.org/10.1016/j.pcad.2021.12.004

Hidayati, E., Suharti, A., Adha, Z., & Yusviani, H. (2021). Gambaran Kapasitas Fungsional Jantung-Paru pada Pasien COVID-19 Derajat Sedang di Ruang Isolasi. *Semin. Nas. Penelit. LPPM UMJ* 6 : 1–8.

Interaction Design Foundation (2024). Design Thinking (DT) [WWW Document]. *Interact. Des. Found.* URL https://www.interaction-

UNIVERSITAS GADJAH MADA
Pengembangan Program Telerehabilitasi Kardiovaskular Berbasis Latihan di Rumah pada Pasien Pasca Intervensi Koroner Perkutan
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design.org/literature/topics/design-thinking

Irawan, H., & Syah, I. (2017). Evaluation of implementation of enterprise resource planning information system with DeLone and McLean model approach. *2017 5th Int. Conf. Inf. Commun. Technol. ICoIC7 2017* 0. Available at: https://doi.org/10.1109/ICoICT.2017.8074721

Jin, H., Wei, Q., Chen, L., Sun, Q., Zhang, Y., Wu, J., *et al.* (2014). Obstacles and alternative options for cardiac rehabilitation in Nanjing, China: an exploratory study. *BMC Cardiovasc. Disord.* 14 : 20. Available at: https://doi.org/10.1186/1471-2261-14-20

Jin, K., Khonsari, S., Gallagher, R., Gallagher, P., Clark, A.M., Freedman, B., *et al.* (2019). Telehealth interventions for the secondary prevention of coronary heart disease: A systematic review and meta-analysis. *Eur. J. Cardiovasc. Nurs.* 18 : 260–271. Available at: https://doi.org/10.1177/1474515119826510

Keteyian, S.J., Ades, P.A., Beatty, A.L., Gavic-Ott, A., Hines, S., Lui, K., *et al.* (2022). A Review of the Design and Implementation of a Hybrid Cardiac Rehabilitation Program. *J. Cardiopulm. Rehabil. Prev.* 42 : 1–9. Available at: https://doi.org/10.1097/HCR.0000000000000634

Keteyian, S.J., Grimshaw, C., Ehrman, J.K., Kerrigan, D.J., Abdul-Nour, K., Lanfear, D.E., *et al.* (2024). The iATTEND Trial: A Trial Comparing Hybrid Versus Standard Cardiac Rehabilitation. *Am. J. Cardiol.* 221 : 94–101. Available at: https://doi.org/10.1016/j.amjcard.2024.04.034

Khadanga, S., Savage, P.D., Gaalema, D.E., & Ades, P.A. (2021). Predictors of Cardiac Rehabilitation Participation: Opportunitie to Increase Enrollment. *J Cardiopulm Rehabil Prev.* 41 : 322–327. Available at: https://doi.org/10.1097/HCR.0000000000000573.Predictors

Kim, J.-S., Kim, G.S., Kang, S.-M., & Chu, S.H. (2021). Symptom experience as a predictor of cardiac rehabilitation education programme attendance after percutaneous coronary intervention: A prospective questionnaire survey. *Eur. J. Cardiovasc. Nurs.* 20 : 183–191. Available at: https://doi.org/10.1177/1474515120940534

Knudsen, M. V, Petersen, A.K., Angel, S., Hjortdal, V.E., Maindal, H.T., & Laustsen, S. (2020). Tele-rehabilitation and hospital-based cardiac rehabilitation are comparable in increasing patient activation and health literacy: A pilot study. *Eur. J. Cardiovasc. Nurs.* 19 : 376–385. Available at: https://doi.org/10.1177/1474515119885325

Kulik, A., Ruel, M., Jneid, H., Ferguson, T.B., Hiratzka, L.F., Ikonomidis, J.S., *et al.* (2015). Secondary prevention after coronary artery bypass graft surgery: A scientific statement from the American Heart Association. *Circulation* 131 : 927–964. Available at: https://doi.org/10.1161/CIR.0000000000000182

Levander, X.A., VanDerSchaaf, H., Barragán, V.G., Choxi, H., Hoffman, A., Morgan, E., *et al.* (2024). The Role of Human-Centered Design in Healthcare Innovation: a Digital Health Equity Case Study. *J. Gen. Intern. Med.* 39 : 690–695. Available at: https://doi.org/10.1007/s11606-023-08500-0

Lewis, J.R., & Sauro, J. (2009). The factor structure of the system usability scale, in:

UNIVERSITAS GADJAH MADA
Pengembangan Program Telerehabilitasi Kardiovaskular Berbasis Latihan di Rumah pada Pasien Pasca Intervensi Koroner Perkutan
Wantiyah, Prof. Dr. dr. Budi Yuli Setianto, Sp.PD., K-KV, Sp.JP(K); Dr. Sri Setiyarini, S.Kp., M.Kes.; Prof. dr. Anggoro
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Kurosu, M. (Ed.), *Human Centered Design. HCD 2009. Lecture Notes in Computer Science*. pp. 94–103, San Diego, CA, USA : Springer, Berlin, Heidelberg. Available at: https://doi.org/10.1007/978-3-642-02806-9_12

Li, X., Zhao, L., Xu, T., Shi, G., Li, J., Shuai, W., *et al.* (2023). Cardiac telerehabilitation under 5G internet of things monitoring: a randomized pilot study. *Sci. Rep.* 13 : 1–10. Available at: https://doi.org/10.1038/s41598-023-46175-z

Lima, A.P., Nascimento, I.O., Oliveira, A.C.A., Martins, T.H.S., Pereira, D.A.G., Britto, R.R., *et al.* (2019). Home-Based Cardiac Rehabilitation in Brazil ' s Public Health Care : Protocol for a Randomized Controlled Trial. *JMIR Res. Protoc.* 8 : 1–9. Available at: https://doi.org/10.2196/13901

Limonti, F., Gigliotti, A., Gravante, F., & Ramacciati, N. (2024). The Impact of Cardiac Telerehabilitation on Health-Related Quality of Life in Patients Undergoing Percutaneous Coronary Intervention (PCI): A Systematic Review Protocol. *Nurs. Reports* 14 : 3984–3992. Available at: https://doi.org/10.3390/nursrep14040291

Liu, J., Wang, L., Fang, H., Wang, X., Wu, L., & Zhang, J. (2022). Home-based cardiac rehabilitation A review of bibliometric studies and visual analysis of CiteSpace (2012–2021) 49.

Lukfaz (2017). Dr. Triono: Penelitian yang Etis Harus Memenuhi 3 Prinsip, 7 Standar, dan Sesuai Pedoman CIOMS-WHO [WWW Document]. *IKM UNNES*. URL https://ikm.unnes.ac.id/dr-triono-penelitian-yang-etis-harus-memenuhi-3-prinsip-7-standar-dan-sesuai-pedoman-cioms-who/ (accessed 2.20.24).

Mampuya, W.M. (2012). Cardiac rehabilitation past, present and future: an overview. *Cardiovasc. Diagn. Ther.* 2 : 38–49. Available at: https://doi.org/10.3978/j.issn.2223-3652.2012.01.02

Maulana, S., Trisyani, Y., Mirwanti, R., Amirah, S., Kohar, K., Priyatmoko Putri, A.I., *et al.* (2022). The Potential of Cardiac Telerehabilitation as Delivery Rehabilitation Care Model in Heart Failure during COVID-19 and Transmissible Disease Outbreak: A Systematic Scoping Review of the Latest RCTs. *Medicina (Kaunas).* 58. Available at: https://doi.org/10.3390/medicina58101321

McAlister, F.A., Parikh, H., Lee, D.S., & Wijeysundera, H.C. (2023). Review Health Care Implications of the COVID-19 Pandemic for the Cardiovascular Practitioner. *Can. J. Cardiol.* 1–10. Available at: https://doi.org/10.1016/j.cjca.2022.11.014

McDonagh, S., Dalal, H., Moore, S., Ce, C., Sg, D., Jolly, K., *et al.* (2023). Home-based versus centre-based cardiac rehabilitation (Review). *Cochrane Database Syst. Rev. 2023,* 10. Available at: https://doi.org/10.1002/14651858.CD007130.pub5.www.cochranelibrary.com

McDonagh, T.A., Metra, M., Adamo, M., Gardner, R.S., Baumbach, A., Böhm, M., *et al.* (2022). 2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure: Developed by the Task Force for the diagnosis and treatment of acute and chronic heart failure of the European Society of Cardiology (ESC). With the special contributi. *Eur. J. Heart Fail.* 24 : 4–131. Available at: https://doi.org/10.1002/ejhf.2333

McGregor, G., Powell, R., Begg, B., Birkett, S.T., Nichols, S., Ennis, S., *et al.* (2023).

UNIVERSITAS GADJAH MADA
Pengembangan Program Telerehabilitasi Kardiovaskular Berbasis Latihan di Rumah pada Pasien Pasca Intervensi Koroner Perkutan
Wantiyah, Prof. Dr. dr. Budi Yuli Setianto, Sp.PD., K-KV, Sp.JP(K); Dr. Sri Setiyarini, S.Kp., M.Kes.; Prof. dr. Anggoro
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

High-intensity interval training in cardiac rehabilitation: a multi-centre randomized controlled trial. *Eur. J. Prev. Cardiol.* 30 : 745 – 755. Available at: https://doi.org/10.1093/eurjpc/zwad039

McMahon, S.R., Ades, P.A., & Thompson, P.D. (2017). The role of cardiac rehabilitation in patients with heart disease. *Trends Cardiovasc Med.* 27 : 420–425. Available at: https://doi.org/10.1016/j.tcm.2017.02.005.The

Mir, T.H. (2023). Adherence Versus Compliance. *Healthc. J. Med.* 4 : 219–220. Available at: https://doi.org/https://doi.org/10.36518/2689-0216.1513

Mons, U., Hahmann, H., & Brenner, H. (2014). A reverse J-shaped association of leisure time physical activity with prognosis in patients with stable coronary heart disease: Evidence from a large cohort with repeated measurements. *Heart* 100 : 1043–1049. Available at: https://doi.org/10.1136/heartjnl-2013-305242

Myers, J., Prakash, M., Froelicher, V., Do, D., Partington, S., & Atwood, J.E. (2002). Exercise Capacity and Mortality among Men Referred for Exercise Testing. *N. Engl. J. Med.* 346 : 793–801.

Pagliari, C., Isernia, S., Rapisarda, L., Borgnis, F., Lazzeroni, D., Bini, M., *et al.* (2024). Different Models of Cardiac Telerehabilitation for People with Coronary Artery Disease: Features and Effectiveness: A Systematic Review and Meta-Analysis. *J. Clin. Med.* 13. Available at: https://doi.org/10.3390/jcm13123396

PERKI (2019). Panduan Rehabilitasi Kardiovaskular, Edisi Pert. ed. Indonesia : Perhimpunan Dokter Spesialis Kardiovaskular Indonesia (PERKI).

Pesce de Souza, F., Massierer, D., Anand Raje, U., Tansey, C.M., Boruff, J., & Janaudis-Ferreira, T. (2020). Exercise interventions in solid organ transplant candidates: A systematic review. *Clin. Transplant.* 34 : e13900. Available at: https://doi.org/10.1111/ctr.13900

Piepoli, M.F., Hoes, A.W., Agewall, S., Albus, C., Brotons, C., Catapano, A.L., *et al.* (2016). 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 representativ. *Eur. J. Prev. Cardiol.* 23 : NP1–NP96. Available at: https://doi.org/10.1177/2047487316653709

Piotrowicz, E., Piepoli, M.F., Jaarsma, T., & ... (2016). Telerehabilitation in heart failure patients: The evidence and the pitfalls. *Int. J. Cardiol.* 220 : 408–413.

Poortaghi, S., Baghernia, A., Golzari, S.E., Safayian, A., & Atri, S.B. (2013). The effect of home-based cardiac rehabilitation program on self efficacy of patients referred to cardiac rehabilitation center. *BMC Res. Notes* 6 : 4–7. Available at: https://doi.org/10.1186/1756-0500-6-287

Prabhu, N. V, Maiya, A.G., & Prabhu, N.S. (2020). Impact of Cardiac Rehabilitation on Functional Capacity and Physical Activity after Coronary Revascularization: A Scientific Review. *Cardiol. Res. Pract.* 2020. Available at: https://doi.org/10.1155/2020/1236968

Rakhmawati, A., Achmad, I.N., Hartopo, A.B., Anggrahini, D.W., Arso, I.A., Emoto, N., *et al.* (2020). Exercise Program Improves Functional Capacity and Quality of Life in

UNIVERSITAS GADJAH MADA
Pengembangan Program Telerehabilitasi Kardiovaskular Berbasis Latihan di Rumah pada Pasien Pasca Intervensi Koroner Perkutan
Wantiyah, Prof. Dr. dr. Budi Yuli Setianto, Sp.PD., K-KV, Sp.JP(K); Dr. Sri Setiyarini, S.Kp., M.Kes.; Prof. dr. Anggoro
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Uncorrected Atrial Septal Defect-Associated Pulmonary Arterial Hypertension: A Randomized-Control Pilot Study. *Ann. Rehabil. Med.* 44 : 468–480. Available at: https://doi.org/10.5535/ARM.20100

Rathore, S., Kumar, B., Tehrani, S., Khanra, D., Duggal, B., & Chandra Pant, D. (2020). Cardiac rehabilitation: Appraisal of current evidence and utility of technology aided home-based cardiac rehabilitation. *Indian Heart J.* 72 : 491–499. Available at: https://doi.org/10.1016/j.ihj.2020.08.013

Rawstorn, J.C., Gant, N., Meads, A., Warren, I., & Maddison, R. (2016). Remotely delivered exercise-based cardiac rehabilitation: Design and content development of a novel mHealth platform. *JMIR mHealth uHealth* 4. Available at: https://doi.org/10.2196/mhealth.5501

Rawstorn, J.C., Gant, N., Rolleston, A., Whittaker, R., Stewart, R., Benatar, J., *et al.* (2018). End Users Want Alternative Intervention Delivery Models: Usability and Acceptability of the REMOTE-CR Exercise-Based Cardiac Telerehabilitation Program. *Arch. Phys. Med. Rehabil.* 99 : 2373–2377. Available at: https://doi.org/10.1016/j.apmr.2018.06.027

Reed, J.L., Terada, T., Cotie, L.M., Tulloch, H.E., Leenen, F.H., Mistura, M., *et al.* (2022). The effects of high-intensity interval training, Nordic walking and moderate-to-vigorous intensity continuous training on functional capacity, depression and quality of life in patients with coronary artery disease enrolled in cardiac rehabilitation: A r. *Prog. Cardiovasc. Dis.* 70 : 73–83. Available at: https://doi.org/10.1016/j.pcad.2021.07.002

Richie, D. (2016). What Is The Difference Between Adherence Versus Compliance In Patient Behavior? *Pod. Today* 7–9.

Ritchey, M.D., Maresh, S., McNeely, J., Shaffer, T., Jackson, S.L., Keteyian, S.J., *et al.* (2020). Tracking cardiac rehabilitation participation and completion among Medicare beneficiaries to inform the efforts of a national initiative. *Circ. Cardiovasc. Qual. Outcomes* 42 : 1–11. Available at: https://doi.org/10.1161/CIRCOUTCOMES.119.005902

Roosink, M., van Gemert-Pijnen, L., Verdaasdonk, R., & Kelders, S.M. (2024). Assessing health technology implementation during academic research and early-stage development: support tools for awareness and guidance: a review. *Front. Digit. Heal.* 6. Available at: https://doi.org/10.3389/fdgth.2024.1386998

Ruano-Ravina, A., Pena-Gil, C., Abu-Assi, E., Raposeiras, S., van 't Hof, A., Meindersma, E., *et al.* (2016). Participation and adherence to cardiac rehabilitation programs. A systematic review. *Int. J. Cardiol.* 223 : 436–443. Available at: https://doi.org/10.1016/j.ijcard.2016.08.120

Sari, D.M., & Wijaya, L.C.G. (2021). Cardiac rehabilitation via telerehabilitation in COVID-19 pandemic situation. *Egypt. Hear. J.* 73. Available at: https://doi.org/10.1186/s43044-021-00156-7

Schoonenboom, J., & Johnson, R.B. (2017). How to Construct a Mixed Methods Research Design 107–131. Available at: https://doi.org/10.1007/s11577-017-0454-1

Sérvio, T.C., Britto, R.R., de Melo Ghisi, G.L., da Silva, L.P., Silva, L.D.N., Lima,

UNIVERSITAS GADJAH MADA
Pengembangan Program Telerehabilitasi Kardiovaskular Berbasis Latihan di Rumah pada Pasien Pasca Intervensi Koroner Perkutan
Wantiyah, Prof. Dr. dr. Budi Yuli Setianto, Sp.PD., K-KV, Sp.JP(K); Dr. Sri Setiyarini, S.Kp., M.Kes.; Prof. dr. Anggoro
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

M.M.O., *et al.* (2019). Barriers to cardiac rehabilitation delivery in a low-resource setting from the perspective of healthcare administrators, rehabilitation providers, and cardiac patients. *BMC Health Serv. Res.* 19 : 615. Available at: https://doi.org/10.1186/s12913-019-4463-9

Sharfina, Z., & Santoso, H.B. (2016). An Indonesian Adaptation of the System Usability Scale (SUS), in: *2016 International Conference on Advanced Computer Science and Information Systems (ICACSIS)*. pp. 145–148, Malang, Indonesia : . Available at: https://doi.org/10.1109/ICACSIS.2016.7872776.

Shimbo, M., Amiya, E., & Komuro, I. (2023). Telemonitoring during Exercise Training in Cardiac Telerehabilitation: A Review. *Rev. Cardiovasc. Med.* 24. Available at: https://doi.org/10.31083/j.rcm2404104

Simon, M., Korn, K., Cho, L., Blackburn, G.G., & Raymond, C. (2018). Cardiac rehabilitation: A class 1 recommendation. *Cleve. Clin. J. Med.* 85 : 551–558. Available at: https://doi.org/10.3949/ccjm.85a.17037

Snoek, J.A., Prescott, E.I., van der Velde, A.E., Eijsvogels, T.M.H., Mikkelsen, N., Prins, L.F., *et al.* (2021). Effectiveness of Home-Based Mobile Guided Cardiac Rehabilitation as Alternative Strategy for Nonparticipation in Clinic-Based Cardiac Rehabilitation Among Elderly Patients in Europe: a Randomized Clinical Trial. *JAMA Cardiol.* 6 : 463-468. Available at: https://doi.org/10.1001/jamacardio.2020.5218

Stefanakis, M., Batalik, L., Antoniou, V., & Pepera, G. (2022). Safety of home-based cardiac rehabilitation: A systematic review. *Hear. Lung* 55 : 117–126. Available at: https://doi.org/10.1016/j.hrtlng.2022.04.016

Tadas, S., & Coyle, D. (2020). Barriers to and Facilitators of Technology in Cardiac Rehabilitation and Self-Management: Systematic Qualitative Grounded Theory Review. *J. Med. Internet Res.* 22 : e18025–e18025. Available at: https://doi.org/10.2196/18025

Taylor, C., Tsakirides, C., Moxon, J., Moxon, J.W., Dudfield, M., Witte, K., *et al.* (2017). Exercise dose and all-cause mortality within extended cardiac rehabilitation: A cohort study. *Open Hear.* 4. Available at: https://doi.org/10.1136/openhrt-2017-000623

Taylor, R.S., Dalal, H., Jolly, K., Moxham, T., & Zawada, A. (2010). Home-based versus centre-based cardiac rehabilitation. *Cochrane Database Syst. Rev.* Available at: https://doi.org/10.1002/14651858.cd007130.pub2

Taylor, R.S., Dalal, H.M., & McDonagh, S.T.J. (2022). The role of cardiac rehabilitation in improving cardiovascular outcomes. *Nat. Rev. Cardiol.* 19 : 180–194. Available at: https://doi.org/10.1038/S41569-021-00611-7

Thatipelli, S., Arun, A., Chung, P., Etemadi, M., Heller, J.A., Kwiat, D., *et al.* (2016). Review of existing brace adherence monitoring methods to assess adherence. *J. Prosthetics Orthot.* 28 : 126–135. Available at: https://doi.org/10.1097/JPO.0000000000000106

Thomas, R.J., Beatty, A.L., Beckie, T.M., Brewer, L.C., Brown, T.M., Forman, D.E., *et al.* (2019). Home-based cardiac rehabilitation: A scientific statement from the American association of cardiovascular and pulmonary rehabilitation, the American Heart

UNIVERSITAS GADJAH MADA
Pengembangan Program Telerehabilitasi Kardiovaskular Berbasis Latihan di Rumah pada Pasien Pasca Intervensi Koroner Perkutan
Wantiyah, Prof. Dr. dr. Budi Yuli Setianto, Sp.PD., K-KV, Sp.JP(K); Dr. Sri Setiyarini, S.Kp., M.Kes.; Prof. dr. Anggoro
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Association, and the American college of cardiology. *J. Cardiopulm. Rehabil. Prev.* 39 : 208–225. Available at: https://doi.org/10.1097/HCR.0000000000000447

Thompson, W.R. (2010). ACSM'S Guidelines for Exercise Testing and Prescription EIGHTH EDITION, 8th ed. Lippincott Williams & Wilkins at.

Thorne, S. (2013). Interpretive Description: Qualitative Research for Applied Practice, Second Edi. ed, Routledge International Handbook of Qualitative Nursing Research. New York : Routledge. Available at: https://doi.org/10.4324/9780203409527

Tiksnadi, B.B., Ambari, A.M., & Adriana, M. (2019). Uji Jalan 6 Menit (UJ6M) pada Pasien Pasca Sindrom Koroner Akut. *Indones. J. Cardiol.* 40 : 222–231. Available at: https://doi.org/10.30701/ijc.v40i1.913

Tovin, M., & Wormley, M. (2023). Mixed Methods Reporting in Rehabilitation & Health Science s (MMR-RHS) Mixed Methods Reporting in Rehabilitation & Health Science s (MMR-RHS).

Trache, D., Șerbănoiu, L.I., Bistriceanu, M.I.A., Olteanu, G., Andronic, O., Călin, L., *et al.* (2025). Cardiac Telerehabilitation After Heart Attack Using E-Learning Platforms and Monitoring Cardiovascular Risk Factors: A Narrative Review of the Literature. *Med.* 61 : 1–18. Available at: https://doi.org/10.3390/medicina61040635

Tryfonos, A., Green, D.J., & Dawson, E.A. (2019). Effects of Catheterization on Artery Function and Health : When Should Patients Start Exercising Following Their Coronary Intervention ? *Sport. Med.* 49 : 397–416. Available at: https://doi.org/10.1007/s40279-019-01055-3

Tüner, H., Polat, F., Alıç, E., Kaya, A.N., Çakmak, Ç.B., Coşkun, F., *et al.* (2025). Effectiveness of Cardiac Rehabilitation in Enhancing Adherence and Improving Clinical Outcomes Post-Acute Coronary Syndrome: A Randomized Controlled Trial. *Clin. Cardiol.* 48. Available at: https://doi.org/10.1002/clc.70160

Turk-Adawi, K., Sarrafzadegan, N., & Grace, S.L. (2014). Global availability of cardiac rehabilitation. *Nat. Rev. Cardiol.* 11 : 586–596. Available at: https://doi.org/10.1038/nrcardio.2014.98

Utarini, A. (2022). Tak Kenal Maka Tak Sayang Penelitian Kualitatif Dalam Pelayanan Kesehatan. Yogyakarta : Gadjah Mada University Press.

Viitanen, J. (2011). Contextual inquiry method for user-centred clinical IT system design. *Stud. Health Technol. Inform.* 169 : 965–969. Available at: https://doi.org/10.3233/978-1-60750-806-9-965

Wantiyah, W., Hartopo, A.B., Setiyarini, S., & Setianto, B.Y. (2026). Home-Based Exercise Cardiac Telerehabilitation on Adherence and Functional Capacity for Patients After Percutaneous Coronary Intervention in Indonesia : Protocol for a Quasi-Experimental Study. *JMIR Res. Protoc.* 15. Available at: https://doi.org/10.2196/81067

WHO (2024). Cardiovascular diseases [WWW Document]. *World Heal. Organ.* URL https://www.who.int/health-topics/cardiovascular-diseases#tab=tab_1 (accessed 2.9.24).

WHO (2021). Cardiovascular diseases (CVDs) [WWW Document]. *World Health*. URL

UNIVERSITAS GADJAH MADA
Pengembangan Program Telerehabilitasi Kardiovaskular Berbasis Latihan di Rumah pada Pasien Pasca Intervensi Koroner Perkutan
Wantiyah, Prof. Dr. dr. Budi Yuli Setianto, Sp.PD., K-KV, Sp.JP(K); Dr. Sri Setiyarini, S.Kp., M.Kes.; Prof. dr. Anggoro
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

https://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-(cvds) (accessed 2.9.24).

Wise, R.A., & Brown, C.D. (2005). Minimal clinically important differences in the six-minute walk test and the incremental shuttle walking test. *COPD J. Chronic Obstr. Pulm. Dis.* 2 : 125–129. Available at: https://doi.org/10.1081/COPD-200050527

Wongvibulsin, S., Habeos, E.E., Huynh, P.P., Xun, H., Shan, R., Porosnicu Rodriguez, K.A., *et al.* (2021). Digital Health Interventions for Cardiac Rehabilitation: Systematic Literature Review. *J. Med. Internet Res.* 23 : e18773–e18773. Available at: https://doi.org/10.2196/18773

Woodgate, J., & Brawley, L.R. (2008). Self-efficacy for Exercise in Cardiac Rehabilitation. *J. Health Psychol.* 13 : 366–387. Available at: https://doi.org/10.1177/1359105307088141

Xia, C., Zheng, Y., Ji, L., & Liu, H. (2024). Comparative effectiveness of different interventions on adherence to exercise - based CR among patients after percutaneous coronary intervention : a network meta - analysis of randomized controlled trials. *BMC Nurs.* 23 : 1–12. Available at: https://doi.org/10.1186/s12912-024-02561-0

Xia, T. li, Huang, F. yang, Peng, Y., Huang, B. tao, Pu, X. bo, Yang, Y., *et al.* (2018). Efficacy of Different Types of Exercise-Based Cardiac Rehabilitation on Coronary Heart Disease: a Network Meta-analysis. *J. Gen. Intern. Med.* 33 : 2201–2209. Available at: https://doi.org/10.1007/s11606-018-4636-y

Xie, X., Chen, Q., & Liu, H. (2022). Barriers to hospital-based phase 2 cardiac rehabilitation among patients with coronary heart disease in China: a mixed-methods study. *BMC Nurs.* 21. Available at: https://doi.org/10.1186/s12912-022-01115-6

Zahedi, M., & Shirmohammadi, M. (2022). The Effect of Cardiac Rehabilitation on Left and Right Ventricular Function in Post Primary PCI Patients. *Ann. Med. Surg.* 79 : 104093. Available at: https://doi.org/https://doi.org/10.1016/j.amsu.2022.104093

Zhong, W., Fu, C., Xu, L., Sun, X., Wang, S., He, C., *et al.* (2023a). Effects of Home-Based Cardiac Telerehabilitation Programs in Patients Undergoing Percutaneous Coronary Intervention: a Systematic Review and Meta-Analysis. *BMC Cardiovasc. Disord.* 23 : 101. Available at: https://doi.org/10.1186/s12872-023-03120-2

Zhong, W., Liu, R., Cheng, H., Xu, L., Wang, L., He, C., *et al.* (2023b). Longer-Term Effects of Cardiac Telerehabilitation on Patients With Coronary Artery Disease: Systematic Review and Meta-Analysis. *JMIR mHealth uHealth* 11 : 1–17. Available at: https://doi.org/10.2196/46359

Zutz, A., Ignaszewski, A., Bates, J., & ... (2007). Utilization of the internet to deliver cardiac rehabilitation at a distance: a pilot study. *Telemed. e-Health*. Available at: https://doi.org/10.1089/tmj.2006.0051