

DAFTAR PUSTAKA

- American Heart Association. (2014). *Adult Basic Life Support : 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care*. Circulation 2010.
- Barrese, V., & Taglialatela, M. (2013). New advances in beta-blocker therapy in heart failure. *Frontiers in Physiology*, 4. <https://doi.org/10.3389/fphys.2013.00323>
- Bavishi, C., Chatterjee, S., Ather, S., Patel, D., & Messerli, F. H. (2015). Beta-blockers in heart failure with preserved ejection fraction: A meta-analysis. *Heart Failure Reviews*, 20(2), 193–201. <https://doi.org/10.1007/s10741-014-9453-8>
- Briasoulis, A., Palla, M., & Afonso, L. (2015). Meta-Analysis of the Effects of Carvedilol Versus Metoprolol on All-Cause Mortality and Hospitalizations in Patients With Heart Failure. *The American Journal of Cardiology*, 115(8), 1111–1115. <https://doi.org/10.1016/j.amjcard.2015.01.545>
- Burnett, H., Earley, A., Voors, A. A., Senni, M., McMurray, J. J. V., Deschaseaux, C., & Cope, S. (2017). Thirty Years of Evidence on the Efficacy of Drug Treatments for Chronic Heart Failure With Reduced Ejection Fraction: A Network Meta-Analysis. *Circulation: Heart Failure*, 10(1). <https://doi.org/10.1161/CIRCHEARTFAILURE.116.003529>
- Casu, G., San Francesco Nuoro Hospital, Nuoro, Italy, Merella, P., & San Francesco Nuoro Hospital, Nuoro, Italy. (2015). Diuretic Therapy in Heart Failure – Current Approaches. *European Cardiology Review*, 10(1), 42. <https://doi.org/10.15420/ecr.2015.10.01.42>
- Chatterjee, S., Biondi-Zocca, G., Abbate, A., D'Ascenzo, F., Castagno, D., Van Tassell, B., Mukherjee, D., & Lichstein, E. (2013). Benefits of blockers in patients with heart failure and reduced ejection fraction: Network meta-analysis. *BMJ*, 346(jan16 1), f55–f55. <https://doi.org/10.1136/bmj.f55>
- Cleland, J. G. F., Bunting, K. V., Flather, M. D., Altman, D. G., Holmes, J., Coats, A. J. S., Manzano, L., McMurray, J. J. V., Ruschitzka, F., van Veldhuisen, D. J., von

- Lueder, T. G., Böhm, M., Andersson, B., Kjekshus, J., Packer, M., Rigby, A. S., Rosano, G., Wedel, H., Hjalmarson, Å., ... Beta-blockers in Heart Failure Collaborative Group. (2018). Beta-blockers for heart failure with reduced, mid-range, and preserved ejection fraction: An individual patient-level analysis of double-blind randomized trials. *European Heart Journal*, 39(1), 26–35. <https://doi.org/10.1093/eurheartj/ehx564>
- Dahl Aarvik, M., Sandven, I., Dondo, T. B., Gale, C. P., Ruddox, V., Munkhaugen, J., Atar, D., & Otterstad, J. E. (2019). Effect of oral β -blocker treatment on mortality in contemporary post-myocardial infarction patients: A systematic review and meta-analysis. *European Heart Journal - Cardiovascular Pharmacotherapy*, 5(1), 12–20. <https://doi.org/10.1093/ehjcvp/pvy034>
- DiNicolantonio, J. J., Lavie, C. J., Fares, H., Menezes, A. R., & O'Keefe, J. H. (2013). Meta-Analysis of Carvedilol Versus Beta 1 Selective Beta-Blockers (Atenolol, Bisoprolol, Metoprolol, and Nebivolol). *The American Journal of Cardiology*, 111(5), 765–769. <https://doi.org/10.1016/j.amjcard.2012.11.031>
- Düngen, H.-D., Apostolović, S., Inkrot, S., Tahirović, E., Töpper, A., Mehrhof, F., Prettin, C., Putniković, B., Nešković, A. N., Krotin, M., Sakač, D., Lainščak, M., Edelmann, F., Wachter, R., Rau, T., Eschenhagen, T., Doechner, W., Anker, S. D., Waagstein, F., ... on behalf of the CIBIS-ELD investigators and Project Multicentre Trials in the Competence Network Heart Failure. (2011). Titration to target dose of bisoprolol vs. carvedilol in elderly patients with heart failure: The CIBIS-ELD trial. *European Journal of Heart Failure*, 13(6), 670–680. <https://doi.org/10.1093/eurjhf/hfr020>
- Etminan, M., Jafari, S., Carleton, B., & FitzGerald, J. M. (2012). Beta-blocker use and COPD mortality: A systematic review and meta-analysis. *BMC Pulmonary Medicine*, 12(1), 48. <https://doi.org/10.1186/1471-2466-12-48>
- Ford, I., Robertson, M., Komajda, M., Böhm, M., Borer, J. S., Tavazzi, L., & Swedberg, K. (2015). Top ten risk factors for morbidity and mortality in patients with chronic systolic heart failure and elevated heart rate: The SHIFT Risk Model.

International Journal of Cardiology, 184, 163–169.
<https://doi.org/10.1016/j.ijcard.2015.02.001>

Heidenreich, P. A., Bozkurt, B., Aguilar, D., Allen, L. A., Byun, J. J., Colvin, M. M., Deswal, A., Drazner, M. H., Dunlay, S. M., Evers, L. R., Fang, J. C., Fedson, S. E., Fonarow, G. C., Hayek, S. S., Hernandez, A. F., Khazanie, P., Kitchenson, M. M., Lee, C. S., Link, M. S., ... Yancy, C. W. (2022). 2022 AHA/ACC/HFSA Guideline for the Management of Heart Failure: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. *Circulation*, 145(18).
<https://doi.org/10.1161/CIR.0000000000001063>

Hori, M., Nagai, R., Izumi, T., & Matsuzaki, M. (2014). Efficacy and safety of bisoprolol fumarate compared with carvedilol in Japanese patients with chronic heart failure: Results of the randomized, controlled, double-blind, Multistep Administration of bisoprolol IN Chronic Heart Failure II (MAIN-CHF II) study. *Heart and Vessels*, 29(2), 238–247. <https://doi.org/10.1007/s00380-013-0340-3>

Huang, B.-T., Huang, F.-Y., Zuo, Z.-L., Liao, Y.-B., Heng, Y., Wang, P.-J., Gui, Y.-Y., Xia, T.-L., Xin, Z.-M., Liu, W., Zhang, C., Chen, S.-J., Pu, X.-B., Chen, M., & Huang, D.-J. (2015). Meta-Analysis of Relation Between Oral β -Blocker Therapy and Outcomes in Patients With Acute Myocardial Infarction Who Underwent Percutaneous Coronary Intervention. *The American Journal of Cardiology*, 115(11), 1529–1538. <https://doi.org/10.1016/j.amjcard.2015.02.057>

Kemp, C. D., & Conte, J. V. (2012). The pathophysiology of heart failure. *Cardiovascular Pathology*, 21(5), 365–371.
<https://doi.org/10.1016/j.carpath.2011.11.007>

Koda-Kimble, M. A., & Alldredge, B. K. (Eds.). (2013). *Applied therapeutics: The clinical use of drugs* (10th ed). Wolters Kluwer/Lippincott Williams & Wilkins.

Konishi, M., Haraguchi, G., Kimura, S., Inagaki, H., Kawabata, M., Hachiya, H., Hirao, K., & Isobe, M. (2010). Comparative Effects of Carvedilol vs Bisoprolol for

- Severe Congestive Heart Failure. *Circulation Journal*, 74(6), 1127–1134.
<https://doi.org/10.1253/circj.CJ-09-0989>
- Kotecha, D., Chudasama, R., Lane, D. A., Kirchhof, P., & Lip, G. Y. H. (2016). Atrial fibrillation and heart failure due to reduced versus preserved ejection fraction: A systematic review and meta-analysis of death and adverse outcomes. *International Journal of Cardiology*, 203, 660–666.
<https://doi.org/10.1016/j.ijcard.2015.10.220>
- Kotecha, D., Flather, M. D., Altman, D. G., Holmes, J., Rosano, G., Wikstrand, J., Packer, M., Coats, A. J. S., Manzano, L., Böhm, M., van Veldhuisen, D. J., Andersson, B., Wedel, H., von Lueder, T. G., Rigby, A. S., Hjalmarson, Å., Kjekshus, J., & Cleland, J. G. F. (2017). Heart Rate and Rhythm and the Benefit of Beta-Blockers in Patients With Heart Failure. *Journal of the American College of Cardiology*, 69(24), 2885–2896.
<https://doi.org/10.1016/j.jacc.2017.04.001>
- Kotecha, D., Holmes, J., Krum, H., Altman, D. G., Manzano, L., Cleland, J. G. F., Lip, G. Y. H., Coats, A. J. S., Andersson, B., Kirchhof, P., von Lueder, T. G., Wedel, H., Rosano, G., Shibata, M. C., Rigby, A., & Flather, M. D. (2014). Efficacy of β blockers in patients with heart failure plus atrial fibrillation: An individual-patient data meta-analysis. *The Lancet*, 384(9961), 2235–2243.
[https://doi.org/10.1016/S0140-6736\(14\)61373-8](https://doi.org/10.1016/S0140-6736(14)61373-8)
- Krum, H., van Veldhuisen, D. J., Funck-Brentano, C., Vanoli, E., Silke, B., Erdmann, E., Follath, F., Ponikowski, P., Goulder, M., Meyer, W., Lechat, P., Willenheimer, R., & behalf of the CIBIS III Investigators. (2011). Effect on Mode of Death of Heart Failure Treatment Started with Bisoprolol Followed by Enalapril, Compared to the Opposite Order: Results of the Randomized CIBIS III Trial: Mode of Death in CIBIS III. *Cardiovascular Therapeutics*, 29(2), 89–98. <https://doi.org/10.1111/j.1755-5922.2010.00185.x>
- Ladage, D., Schwinger, R. H. G., & Brixius, K. (2013). Cardio-Selective Beta-Blocker: Pharmacological Evidence and Their Influence on Exercise Capacity: Cardio-

- Selective Beta-Blocker. *Cardiovascular Therapeutics*, 31(2), 76–83.
<https://doi.org/10.1111/j.1755-5922.2011.00306.x>
- Lin, T.-Y., Chen, C.-Y., & Huang, Y.-B. (2017). Evaluating the effectiveness of different beta-adrenoceptor blockers in heart failure patients. *International Journal of Cardiology*, 230, 378–383.
<https://doi.org/10.1016/j.ijcard.2016.12.098>
- Lund, L. H., Benson, L., Dahlström, U., Edner, M., & Friberg, L. (2014). Association Between Use of β -Blockers and Outcomes in Patients With Heart Failure and Preserved Ejection Fraction. *JAMA*, 312(19), 2008.
<https://doi.org/10.1001/jama.2014.15241>
- Masarone, D., Martucci, M. L., Errigo, V., & Pacileo, G. (2021). The Use of β -Blockers in Heart Failure with Reduced Ejection Fraction. *Journal of Cardiovascular Development and Disease*, 8(9), 101. <https://doi.org/10.3390/jcdd8090101>
- Mulder, B. A., Damman, K., Van Veldhuisen, D. J., Van Gelder, I. C., & Rienstra, M. (2017). Heart rate and outcome in heart failure with reduced ejection fraction: Differences between atrial fibrillation and sinus rhythm—A CIBIS II analysis. *Clinical Cardiology*, 40(9), 740–745. <https://doi.org/10.1002/clc.22725>
- Mulder, B. A., van Veldhuisen, D. J., Crijns, H. J. G. M., Böhm, M., Cohen-Solal, A., Babalis, D., Roughton, M., Flather, M. D., Coats, A. J. S., & Van Gelder, I. C. (2012). Effect of nebivolol on outcome in elderly patients with heart failure and atrial fibrillation: Insights from SENIORS. *European Journal of Heart Failure*, 14(10), 1171–1178. <https://doi.org/10.1093/eurjhf/hfs100>
- Okamoto, H., Hori, M., Matsuzaki, M., Tsutsui, H., Yamazaki, T., Nagai, R., Yoshikawa, T., Fujio, Y., Nonen, S., Azuma, J., Izumi, T., Ohashi, Y., & Kitabatake, A. (2013). Minimal dose for effective clinical outcome and predictive factors for responsiveness to carvedilol: Japanese chronic heart failure (J-CHF) study. *International Journal of Cardiology*, 164(2), 238–244.
<https://doi.org/10.1016/j.ijcard.2012.11.051>

- Ozaydin, M., Yucel, H., Kocyigit, S., Adali, M. K., Aksoy, F., Kahraman, F., Uysal, B. A., Erdogan, D., Varol, E., & Dogan, A. (2016). Nebivolol versus Carvedilol or Metoprolol in Patients Presenting with Acute Myocardial Infarction Complicated by Left Ventricular Dysfunction. *Medical Principles and Practice*, 25(4), 316–322. <https://doi.org/10.1159/000446184>
- Pearse, S. G., & Cowie, M. R. (2014). Heart failure: Classification and pathophysiology. *Medicine*, 42(10), 556–561. <https://doi.org/10.1016/j.mpmed.2014.07.012>
- Ponikowski, P., Spoletini, I., Coats, A. J. S., Piepoli, M. F., & Rosano, G. M. C. (2019). Heart rate and blood pressure monitoring in heart failure. *European Heart Journal Supplements*, 21(Supplement_M), M13–M16. <https://doi.org/10.1093/eurheartj/suz217>
- Ramdhani, A., Ramdhani, M. A., & Amin, A. S. (2014). Writing a Literature Review Research Paper: A step-by-step approach. *International Journal of Basic and Applied Science*, 03(01), 10.
- Rienstra, M., Damman, K., Mulder, B. A., Van Gelder, I. C., McMurray, J. J. V., & Van Veldhuisen, D. J. (2013). Beta-Blockers and Outcome in Heart Failure and Atrial Fibrillation. *JACC: Heart Failure*, 1(1), 21–28. <https://doi.org/10.1016/j.jchf.2012.09.002>
- Ruiz, G., Andrey, J. L., Puerto, J. L., Escobar, M. A., Romero, S. P., Aranda, R., Pedrosa, M. J., & Gomez, F. (2016). Prognosis of heart failure with preserved ejection fraction treated with β -blockers: A propensity matched study in the community. *International Journal of Cardiology*, 222, 594–602. <https://doi.org/10.1016/j.ijcard.2016.07.292>
- Safi, S., Korang, S. K., Nielsen, E. E., Sethi, N. J., Feinberg, J., Gluud, C., & Jakobsen, J. C. (2017). Beta-blockers for heart failure. *Cochrane Database of Systematic Reviews*. <https://doi.org/10.1002/14651858.CD012897>

- Silverman, D. N., Plante, T. B., Infeld, M., Callas, P. W., Juraschek, S. P., Dougherty, G. B., & Meyer, M. (2019). Association of β -Blocker Use With Heart Failure Hospitalizations and Cardiovascular Disease Mortality Among Patients With Heart Failure With a Preserved Ejection Fraction: A Secondary Analysis of the TOPCAT Trial. *JAMA Network Open*, 2(12), e1916598. <https://doi.org/10.1001/jamanetworkopen.2019.16598>
- Toyoda, S., Haruyama, A., Inami, S., Arikawa, T., Saito, F., Watanabe, R., Sakuma, M., Abe, S., Nakajima, T., Tanaka, A., Node, K., & Inoue, T. (2020). Effects of carvedilol vs bisoprolol on inflammation and oxidative stress in patients with chronic heart failure. *Journal of Cardiology*, 75(2), 140–147. <https://doi.org/10.1016/j.jcc.2019.07.011>
- Tsujimoto, T., & Kajio, H. (2018). Beta-blocker use and cardiovascular event risk in patients with heart failure with preserved ejection fraction. *Scientific Reports*, 8(1), 9556. <https://doi.org/10.1038/s41598-018-27799-y>
- Tsutsui, H., Momomura, S., Masuyama, T., Saito, Y., Komuro, I., Murohara, T., Kinugawa, S., & on behalf of CIBIS-J Investigators. (2019). Tolerability, Efficacy, and Safety of Bisoprolol vs. Carvedilol in Japanese Patients With Heart Failure and Reduced Ejection Fraction — The CIBIS-J Trial —. *Circulation Journal*, 83(6), 1269–1277. <https://doi.org/10.1253/circj.CJ-18-1199>
- Turgeon, R. D., Kolber, M. R., Loewen, P., Ellis, U., & McCormack, J. P. (2019). Higher versus lower doses of ACE inhibitors, angiotensin-2 receptor blockers and beta-blockers in heart failure with reduced ejection fraction: Systematic review and meta-analysis. *PLOS ONE*, 14(2), e0212907. <https://doi.org/10.1371/journal.pone.0212907>
- Virgadamo, S. (2015). Digoxin: A systematic review in atrial fibrillation, congestive heart failure and post myocardial infarction. *World Journal of Cardiology*, 7(11), 808. <https://doi.org/10.4330/wjc.v7.i11.808>

- Xu, T., Huang, Y., Zhou, H., Bai, Y., Huang, X., Hu, Y., Xu, D., Zhang, Y., & Zhang, J. (2019). β -blockers and risk of all-cause mortality in patients with chronic heart failure and atrial fibrillation—A meta-analysis. *BMC Cardiovascular Disorders*, 19(1), 135. <https://doi.org/10.1186/s12872-019-1079-2>
- Yamamoto, K., Origasa, H., Hori, M., & on behalf of the J-DHF Investigators. (2013). Effects of carvedilol on heart failure with preserved ejection fraction: The Japanese Diastolic Heart Failure Study (J-DHF). *European Journal of Heart Failure*, 15(1), 110–118. <https://doi.org/10.1093/eurjhf/hfs141>
- Yancy, C. W., Jessup, M., Bozkurt, B., Butler, J., Casey, D. E., Drazner, M. H., Fonarow, G. C., Geraci, S. A., Horwich, T., Januzzi, J. L., Johnson, M. R., Kasper, E. K., Levy, W. C., Masoudi, F. A., McBride, P. E., McMurray, J. J. V., Mitchell, J. E., Peterson, P. N., Riegel, B., ... Wilkoff, B. L. (2013). 2013 ACCF/AHA Guideline for the Management of Heart Failure: Executive Summary. *Journal of the American College of Cardiology*, 62(16), 1495–1539. <https://doi.org/10.1016/j.jacc.2013.05.020>
- Zheng, S. L., Chan, F. T., Nabeboccus, A. A., Shah, A. M., McDonagh, T., Okonko, D. O., & Ayis, S. (2018). Drug treatment effects on outcomes in heart failure with preserved ejection fraction: A systematic review and meta-analysis. *Heart*, 104(5), 407–415. <https://doi.org/10.1136/heartjnl-2017-311652>
- Ziff, O. J., Samra, M., Howard, J. P., Bromage, D. I., Ruschitzka, F., Francis, D. P., & Kotecha, D. (2020). Beta-blocker efficacy across different cardiovascular indications: An umbrella review and meta-analytic assessment. *BMC Medicine*, 18(1), 103. <https://doi.org/10.1186/s12916-020-01564-3>