DAFTAR PUSTAKA

Arrigo, M., Jessup, M., Mullens, W., Reza, N., Shah, A. M., Sliwa, K., & Mebazaa, A. (2020). Acute heart failure. *Nature Reviews Disease Primers 2020 6:1*, *6*(1), 1–15. https://doi.org/10.1038/s41572-020-0151-7

Baggish, A. L., van Kimmenade, R. R. J., & Januzzi, J. L. (2008). The Differential Diagnosis of an Elevated Amino-Terminal Pro-B-Type Natriuretic Peptide Level. *American Journal of Cardiology*, *101*(3 SUPPL.). https://doi.org/10.1016/j.amjcard.2007.11.019

Cao, Z., Jia, Y., & Zhu, B. (2019). BNP and NT-proBNP as diagnostic biomarkers for cardiac dysfunction in both clinical and forensic medicine. In *International Journal of Molecular Sciences* (Vol. 20, Issue 8). MDPI AG. https://doi.org/10.3390/ijms20081820

Carpenito, M., Fanti, D., Mega, S., Benfari, G., Bono, M. C., Rossi, A., Ribichini, F. L., & Grigioni, F. (2021). The Central Role of Left Atrium in Heart Failure. In *Frontiers in Cardiovascular Medicine* (Vol. 8). Frontiers Media SA. https://doi.org/10.3389/fcvm.2021.704762

Das, S. R., Abdullah, S. M., Leonard, D., Drazner, M. H., Khera, A., McGuire, D. K., & de Lemos, J. A. (2008). Association Between Renal Function and Circulating Levels of Natriuretic Peptides (from the Dallas Heart Study). *American Journal of Cardiology*, *102*(10), 1394–1398. https://doi.org/10.1016/j.amjcard.2008.07.018

Dinarti, L. K., Hartopo, A. B., Anggrahini, D. W., Sadewa, A. H., Setianto, B. Y., & Wahab, A. S. (2020). Profile of Endothelin-1, Nitric Oxide, and Prostacyclin Levels in Pulmonary Arterial Hypertension Related to Uncorrected Atrial Septal Defect: Results from a Single Center Study in Indonesia. *Cardiology Research and Practice*, *2020*. https://doi.org/10.1155/2020/7526508

Dokainish, H., Teo, K., Zhu, J., Roy, A., AlHabib, K. F., ElSayed, A., Palileo-Villaneuva, L., Lopez-Jaramillo, P., Karaye, K., Yusoff, K., Orlandini, A., Sliwa, K., Mondo, C., Lanas, F., Prabhakaran, D., Badr, A., Elmaghawry, M., Damasceno, A., Tibazarwa, K., … Mondo, C. (2017). Global mortality variations in patients with heart failure: results from the International Congestive Heart Failure (INTER-CHF) prospective cohort

study. *The Lancet Global Health*, *5*(7), e665–e672. https://doi.org/10.1016/S2214-109X(17)30196-1

Dunn, M. E., Manfredi, T. G., Agostinucci, K., Engle, S. K., Powe, J., King, N. M. P., Rodriguez, L. A., Gropp, K. E., Gallacher, M., Vetter, F. J., More, V., Shimpi, P., Serra, D., & Colton, H. M. (2017). Serum Natriuretic Peptides as Differential Biomarkers Allowing for the Distinction between Physiologic and Pathologic Left Ventricular Hypertrophy. *Toxicologic Pathology*, *45*(2), 344–352. https://doi.org/10.1177/0192623316634231

Falco, L., Martucci, M. L., Valente, F., Verrengia, M., Pacileo, G., & Masarone, D. (2023). Pathophysiology-Based Management of Acute Heart Failure. *Clinics and Practice*, *13*(1), 206–218. https://doi.org/10.3390/clinpract13010019

Farmakis, D., & Filippatos, G. (2021). Acute heart failure: epidemiology, classification, and pathophysiology. In M. Tobaro, P. Vranckx, E. Bonnefoy, S. Price, & C. Vrints (Eds.), *The ESC Textbook of Intensive and Acute Cardiovascular Care* (3rd ed., pp. 603–616). Oxford University Press. https://doi.org/10.1093/med/9780198849346.001.0001

Ha Manh, T., Do Anh, D., & Le Viet, T. (2023). Effect of body mass index on N-terminal pro-brain natriuretic peptide values in patients with heart failure. *Egyptian Heart Journal*, *75*(1). https://doi.org/10.1186/s43044-023-00401-1

Hall, C. (2004). Essential biochemistry and physiology of (NT-pro)BNP. In *European Journal of Heart Failure* (Vol. 6, Issue 3, pp. 257–260). https://doi.org/10.1016/j.ejheart.2003.12.015

Hoshida, S., Tachibana, K., Shinoda, Y., Minamisaka, T., Yamada, T., Higuchi, Y., Nakagawa, Y., Abe, H., Fuji, H., Yasumura, Y., Hikoso, S., Nakatani, D., & Sakata, Y. (2021). Left atrial pressure overload and prognosis in elderly patients with heart failure and preserved ejection fraction: A prospective multicenter observational study. *BMJ Open*, *11*(9). https://doi.org/10.1136/bmjopen-2020-044605

Hsu, D. T., & Pearson, G. D. (2009). Heart Failure in Children. *Circulation: Heart Failure*, *2*(1), 63–70. https://doi.org/10.1161/CIRCHEARTFAILURE.108.820217

Inker, L. A., Eneanya, N. D., Coresh, J., Tighiouart, H., Wang, D., Sang, Y., Crews, D. C., Doria, A., Estrella, M. M., Froissart, M., Grams, M. E., Greene, T., Grubb, A., Gudnason, V., Gutiérrez, O. M., Kalil, R., Karger, A. B., Mauer, M., Navis, G., … Levey, A. S. (2021). New Creatinine- and Cystatin C–Based Equations to Estimate GFR without Race. *New England Journal of Medicine*, *385*(19), 1737–1749. https://doi.org/10.1056/nejmoa2102953

Janjua, S. I., Younas, M., Haroon, Z. H., Anwar, M., Munir, M. U., & Yasmeen, F. (2023). Clinical Utility of N-Terminal Prohormone B-Type Natriuretic Peptide Levels in Patients of Type 2 Diabetes Mellitus with Heart Failure. *Pakistan Armed Forces Medical Journal*, *73*(1), 215–218. https://doi.org/10.51253/pafmj.v73i1.9305

Jiamsripong, P., Honda, T., Reuss, C. S., Hurst, R. T., Chaliki, H. P., Grill, D. E., Schneck, S. L., Tyler, R., Khandheria, B. K., & Lester, S. J. (2008). Three methods for evaluation of left atrial volume. *European Journal of Echocardiography*, *9*(3), 351–355. https://doi.org/10.1016/j.euje.2007.05.004

Kadappu, K. K., Boyd, A., Eshoo, S., Haluska, B., Yeo, A. E. T., Marwick, T. H., & Thomas, L. (2012). Changes in left atrial volume in diabetes mellitus: More than diastolic dysfunction? *European Heart Journal Cardiovascular Imaging*, *13*(12), 1016–1023. https://doi.org/10.1093/ehjci/jes084

Kang, S. H., Park, J. J., Choi, D. J., Yoon, C. H., Oh, I. Y., Kang, S. M., Yoo, B. S., Jeon, E. S., Kim, J. J., Cho, M. C., Chae, S. C., Ryu, K. H., & Oh, B. H. (2015). Prognostic value of NT-proBNP in heart failure with preserved versus reduced EF. *Heart*, *101*(23), 1881–1888. https://doi.org/10.1136/heartjnl-2015-307782

Katayama, T., Fujiwara, N., & Tsuruya, Y. (2010). Factors contributing to left atrial enlargement in adults with normal left ventricular systolic function. *Journal of Cardiology*, *55*(2), 196–204. https://doi.org/10.1016/j.jjcc.2009.10.008

Kim, H., Jun, D. W., Cho, Y. K., Nam, C. W., Han, S. W., Hur, S. H., Kim, Y. N., & Kim, K. B. (2008). The correlation of left atrial volume index to the level of N-terminal pro-BNP in heart failure with a preserved ejection fraction. *Echocardiography*, *25*(9), 961–967. https://doi.org/10.1111/j.1540-8175.2008.00717.x

Kurmani, S., & Squire, I. (2017). Acute Heart Failure: Definition, Classification and Epidemiology. In *Current Heart Failure Reports* (Vol. 14, Issue 5, pp. 385–392). Current Science Inc. https://doi.org/10.1007/s11897-017-0351-y

Lang, R. M., Badano, L. P., Mor-Avi, V., Afilalo, J., Armstrong, A., Ernande, L., Flachskampf, F. A., Foster, E., Goldstein, S. A., Kuznetsova, T., Lancellotti, P., Muraru, D., Picard, M. H., Rietzschel, E. R., Rudski, L., Spencer, K. T., Tsang, W., & Voigt, J. U. (2015). Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. *European Heart Journal - Cardiovascular Imaging*, *16*(3), 233–271. https://doi.org/10.1093/EHJCI/JEV014

Lim, T. K., Ashrafian, H., Dwivedi, G., Collinson, P. O., & Senior, R. (2006). Increased left atrial volume index is an independent predictor of raised serum natriuretic peptide in patients with suspected heart failure but normal left ventricular ejection fraction: Implication for diagnosis of diastolic heart failure. *European Journal of Heart Failure*, *8*(1), 38–45. https://doi.org/10.1016/j.ejheart.2005.05.008

Linssen, G. C. M., Damman, K., Hillege, H. L., Navis, G., Van Veldhuisen, D. J., & Voors, A. A. (2009). Urinary N-terminal prohormone brain natriuretic peptide excretion in patients with chronic heart failure. *Circulation*, *120*(1), 35–41. https://doi.org/10.1161/CIRCULATIONAHA.108.824581

McDonagh, T. A., Metra, M., Adamo, M., Baumbach, A., Böhm, M., Burri, H., Čelutkiene, J., Chioncel, O., Cleland, J. G. F., Coats, A. J. S., Crespo-Leiro, M. G., Farmakis, D., Gardner, R. S., Gilard, M., Heymans, S., Hoes, A. W., Jaarsma, T., Jankowska, E. A., Lainscak, M., … Koskinas, K. C. (2021). 2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. In *European Heart Journal* (Vol. 42, Issue 36, pp. 3599–3726). Oxford University Press. https://doi.org/10.1093/eurheartj/ehab368

Melenovsky, V., Hwang, S. J., Redfield, M. M., Zakeri, R., Lin, G., & Borlaug, B. A. (2015). Left atrial remodeling and function in advanced heart failure with preserved or reduced ejection fraction. *Circulation: Heart Failure*, *8*(2), 295–303. https://doi.org/10.1161/CIRCHEARTFAILURE.114.001667

Molnár, A. Á., Sánta, A., Pásztor, D. T., & Merkely, B. (2023). Atrial Cardiomyopathy in Valvular Heart Disease: From Molecular Biology to Clinical Perspectives. In *Cells* (Vol. 12, Issue 13). Multidisciplinary Digital Publishing Institute (MDPI). https://doi.org/10.3390/cells12131796

Mumpuni, H., Adhi Kusumastuti, D., Purnasidha Bagaswoto, H., & Yuli Setianto, B. (2020). Epidemiology, Aetiology and Risk Profile of Heart Failure in a Tertiary Referral Hospital: a Report from the Sardjito Heart Failure Registry. *ACI (Acta Cardiologia Indonesiana*, *7*(1), 7–12.

Nadruz, W., Gonçalves, A., Claggett, B., Querejeta Roca, G., Shah, A. M., Cheng, S., Heiss, G., Ballantyne, C. M., & Solomon, S. D. (2016). Influence of cigarette smoking on cardiac biomarkers: the Atherosclerosis Risk in Communities (ARIC) Study. *European Journal of Heart Failure*, *18*(6), 629–637. https://doi.org/10.1002/ejhf.511

Nauli, S. E., Prima Putri, V. K., Arifianto, H., Prameswari, H. S., Lubis, A. C., Zulkarnain, E., Hasanah, D. Y., Dewi Yamin, P. P., Dewi, T. I., & . I. (2023). Heart Failure With Preserved Ejection Fraction: Current Status of Daily Clinical Practice in Indonesia. *Cureus*. https://doi.org/10.7759/cureus.38086

Nistri, S., Galderisi, M., Ballo, P., Olivotto, I., D'Andrea, A., Pagliani, L., Santoro, A., Papesso, B., Innelli, P., Cecchi, F., & Mondillo, S. (2011). Determinants of echocardiographic left atrial volume: Implications for normalcy. *European Journal of Echocardiography*, *12*(11), 826–833. https://doi.org/10.1093/ejechocard/jer137

Patel, D. A., Lavie, C. J., Milani, R. V, Shah, S., & Gilliland, Y. (2009). Clinical Implications of Left Atrial Enlargement: A Review. *The Ochsner Journal*, 191–196. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3096293/

Prastaro, M., Paolillo, S., Savarese, G., Dellegrottaglie, S., Scala, O., Ruggiero, D., Gargiulo, P., Marciano, C., Parente, A., Cecere, M., Musella, F., Chianese, D., Scopacasa, F., & Perrone-Filardi, P. (2011). N-terminal pro-B-type natriuretic peptide and left atrial function in patients with congestive heart failure and severely reduced ejection fraction. *European Journal of Echocardiography*, *12*(7), 506–513. https://doi.org/10.1093/ejechocard/jer070

Rabkin, S. W., & Nouraei, H. (2022). Atrial Fibrillation In Heart Failure With Preserved Ejection Fraction. *Journal of Atrial Fibrillation*, *15*(1), 19–24. https://doi.org/10.1016/j.jchf.2016.10.005

Richards, A. M. (2015). 2015 - Biomarkers in Acute Heart Failure – Cardiac And Kidney. *Cardiac Failure Review*, *1*(2), 107–111. https://doi.org/doi: 10.15420/cfr.2015.1.2.107

Sriwiyati, K., Nasihun, T., & Abduh, M. S. (2019). The Effects of Hypertension Stages on N-Terminal-Pro Brain Natriuretic Peptide. *Jurnal Sains Medika*, *10*(1), 5–11. http://jurnal.unissula.ac.id/index.php/sainsmedika

Sudigdo Sastroasmoro, & Sofyan lsmael. (2014). *Dasar-dasar Metodologi Penelitian Klinis Edisi ke-5* (5th ed.). CV. Sagung Seto.

Tamura, H., Watanabe, T., Nishiyama, S., Sasaki, S., Arimoto, T., Takahashi, H., Shishido, T., Miyashita, T., Miyamoto, T., Nitobe, J., Hirono, O., & Kubota, I. (2011). Increased left atrial volume index predicts a poor prognosis in patients with heart failure. *Journal of Cardiac Failure*, *17*(3), 210–216. https://doi.org/10.1016/j.cardfail.2010.10.006

Tsutsui, H., Albert, N. M., Coats, A. J. S., Anker, S. D., Bayes-Genis, A., Butler, J., Chioncel, O., Defilippi, C. R., Drazner, M. H., Felker, G. M., Filippatos, G., Fiuzat, M. O. N. A., Ide, T., Januzzi, J. L., Kinugawa, K., Kuwahara, K., Matsue, Y. U. Y. A., Mentz, R. J., Metra, M., … Yoshimura, M. (2023). Natriuretic Peptides: Role in the Diagnosis and Management of Heart Failure: A Scientific Statement From the Heart Failure Association of the European Society of Cardiology, Heart Failure Society of America and Japanese Heart Failure Society. *Journal of Cardiac Failure*, *29*(5), 787–804. https://doi.org/10.1016/j.cardfail.2023.02.009

Ural, D., Çavuşoğlu, Y., Eren, M., Karaüzüm, K., Temizhan, A., Yılmaz, M. B., Zoghi, M., Ramassubu, K., & Bozkurt, B. (2015). Diagnosis and management of acute heart failure. *Anatolian Journal of Cardiology*, *15*(11), 860–889. https://doi.org/10.5152/AnatolJCardiol.2015.6567

van de Vegte, Y. J., Siland, J. E., Rienstra, M., & van der Harst, P. (2021). Atrial fibrillation and left atrial size and function: a Mendelian randomization study. *Scientific Reports*, *11*(1). https://doi.org/10.1038/s41598-021-87859-8

Vanderheyden, M., Bartunek, J., & Goethals, M. (2004). Brain and other natriuretic peptides: Molecular aspects. In *European Journal of Heart Failure* (Vol. 6, Issue 3, pp. 261–268). https://doi.org/10.1016/j.ejheart.2004.01.004

Xu, L., Chen, Y., Ji, Y., & Yang, S. (2018). Influencing factors of NT-proBNP level inheart failure patients with different cardiacfunctions and correlation with prognosis. *Experimental and Therapeutic Medicine*, *15*(6), 5275–5280. https://doi.org/10.3892/etm.2018.6114

Zhang, J., Wang, X., Xiao, W., Liu, Y., Wu, H., Ye, P., & Sheng, L. (2019). NT-proBNP is associated with age, gender, and glomerular filtration rate in a community-dwelling population. *International Journal of Clinical and Experimental Medicine*, *12*(10), 12220–12227.