

#### DAFTAR PUSTAKA

- Agrawal, A., Gang, T.B. dan Rusiñol, A.E., 2014. Recognition functions of pentameric c-reactive protein in cardiovascular disease. *Mediators of Inflammation*, hlm.1-6.
- Alpert, J.S., Antman, E., Apple, F., Armstrong, P.W., Bassand, J., Luna, A.B. et al. (2000). Myocardial infarction redefined—A consensus document of The Joint European Society of Cardiology/American College of Cardiology Committee for the Redefinition of Myocardial Infarction. *European Heart Journal*, 21(18), hlm.1502-1513.
- American Diabetes Association (2015). Standards of Medical Care in Diabetes—2015 Abridged for Primary Care Providers. *Clinical Diabetes*, 38(Suppl.1), hlm.S8-S16.
- Anonim (2013). Riset Kesehatan Dasar. Jakarta: Badan Penelitian dan Pengembangan Kesehatan RI.
- Araújo, J., Lourenço, P., Azevedo, A., Friões, F., Rocha-Gonçalves, F., Ferreira, A. dan Bettencourt, P. (2009). Prognostic Value of High-Sensitivity C-Reactive Protein in Heart Failure: A Systematic Review. *Journal of Cardiac Failure*, 15(3), hlm.256-266.
- Biasucci, L.M., Liuzzo, G., Grillo, R.L., Caligiuri, G., Rebuzzi, A.G., Buffon A, et al. (1999). Elevated levels of C-reactive protein at discharge in patients with unstable angina predict recurrent instability. *Circulation*, 99, hlm.855-860.
- Chobanian, A., Bakris, G., Black, H., Cushman, W., Green, L., Izzo, J. et al. (2003). Seventh Report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure. *Hypertension*, 42(6), hlm.1206-1252.
- Cowie, M.R., Drexler, H., Jondeau, G., Hasin, Y., Mebazaa, A., Rhodes, A., et al. (2005). Executive summary of the guidelines on the diagnosis and

- treatment of acute heart failure The Task Force on Acute Heart Failure of the European Society of Cardiology. *European Heart Journal*, 26, hlm.384-416.
- Davis, R. (2000). ABC of heart failure: History and epidemiology. *British Medical Journal*, 320(7226), hlm.39-42.
- Ewart, H., Ridker, P. dan Rifai, N. (2001). Absence of diurnal variation of C-reactive protein levels in healthy subjects. *Clinical Chemistry*, 47, hlm.426-430.
- From, A.M., Leibson, C.L., Bursi, F., Redfield, M.M., Weston, S.A., Jacobsen, S.J., et al. (2006). Diabetes in Heart Failure: Prevalence and Impact on Outcome in the Population. *The American Journal of Medicine*, 119, hlm.591-599.
- Gedikli, O., Orem, C., Baykan, M., Karahan, C., Kucukosmanoglu, M., Sahin, S. et al. (2008). Association Between Serum C-reactive Protein Elevation and Atrial Fibrillation After First Anterior Myocardial Infarction. *Clinical Cardiology*, 31(10), hlm.482-487.
- Glantz, S. (1995). Passive Smoking and Heart Disease. *Journal of American Medical Association*, 273(13), hlm. 1047.
- Gottdiener, J., Arnold, A., Aurigemma, G., Polak, J., Tracy, R., Kitzman, D. et al. (2000). Predictors of congestive heart failure in the elderly: the cardiovascular health study. *Journal of the American College of Cardiology*, 35(6), hlm.1628-1637.
- Griselli, M., Herbert, J., Hutchinson, W., Taylor, K., Sohail, M., Krausz, T. dan Pepys, M. (1999). C-Reactive Protein and Complement Are Important Mediators of Tissue Damage in Acute Myocardial Infarction. *Journal of Experimental Medicine*, 190(12), hlm.1733-1740.
- Hartopo, A.B., Setianto, B.Y., Puspitawati, I. (2014). Kadar endothelin-1 plasma sebagai predictor adverse cardiac events pada pasien infark miokard akut.

Laporan Penelitian. Yogyakarta : Fakultas Kedokteran Universitas Gadjah Mada.

- Hirschfield, G.M. dan Pepys, M.B., 2003. Review C-reactive protein and cardiovascular disease: new insights from an old molecule. *Quarterly Journal of Medicine*, 96(11), hlm.793-807.
- Ho, K., Pinsky, J., Kannel, W. dan Levy, D. (1993). The epidemiology of heart failure: The Framingham Study. *Journal of the American College of Cardiology*, 22(4), hlm.A6-A13.
- Hochman, J. (2003). Cardiogenic Shock Complicating Acute Myocardial Infarction: Expanding the Paradigm. *Circulation*, 107(24), hlm.2998-3002.
- Khera, A., McGuire D., Murphy S.A., Stanek H.G., Das S.R., Vongpatanasin, W. et al. (2005). Race and Gender Differences in C-Reactive Protein Levels. *Journal of the American College of Cardiology*, 46(3), hlm.464-469.
- Krintus, M., Kozinski, M., Stefanska, A., Sawicki, M., Obonska, K., Fabiszak, T. et al. (2012). Value of C-Reactive Protein as a Risk Factor for Acute Coronary Syndrome: A Comparison with Apolipoprotein Concentrations and Lipid Profile. *Mediators of Inflammation*, 2012, hlm.1-10.
- Lagrand, W.K., Nijmeijer, R., Niessen, H., Visser, C., Hermens, W., Hack, C. E. (2002). C-reactive protein as a pro-inflammatory mediator in cardiovascular disease its ability to activate complement: additional proof and hypothetical mechanisms. *Netherlands Heart Journal*, 10(4), hlm.189-197.
- Libby, P. dan Braunwald, E. (2008). *Braunwald's heart disease*. Philadelphia: Saunders/Elsevier.
- Lip, G., Gibbs, C.R. dan Beevers, D. G. (2000). ABC of heart failure: Aetiology. *British Medical Journal*, 320(7227), hlm.104-107.
- Liuzzo, G., Biasucci, L., Gallimore, J., Grillo, R., Rebuzzi, A., Pepys, M. dan Maseri, A. (1994). The Prognostic Value of C-Reactive Protein and Serum

Amyloid A Protein in Severe Unstable Angina. *New England Journal of Medicine*, 331(7), hlm.417-424.

Macy, E., Hayes, T. dan Tracy, R. (1997). Variability in the measurement of C-reactive protein in healthy adults: implications for reference interval and epidemiologic methods. *Clinical Chemistry*, 43, hlm. 52-58.

Masoudi, F.A. dan Inzucchi, S.E. (2007). Diabetes Mellitus and Heart Failure: Epidemiology, Mechanisms, and Pharmacotherapy. *The American Journal of Cardiology*, 99(4), hlm.113B-132B.

Mathers, C., Fat, D. dan Boerma, J. (2008). *The global burden of disease*. Geneva, Switzerland: World Health Organization.

Michowitz, Y., Arbel, Y., Wexler, D., Sheps, D., Rogowski, O., Shapira, I. et al. (2008). Predictive value of high sensitivity CRP in patients with diastolic heart failure. *International Journal of Cardiology*, 125(3), hlm.347-351.

Nozari, Y. dan Geraiely, B., 2011. Correlation between the Serum Levels of Uric Acid and HS-CRP with the Occurrence of Early Systolic Failure of Left Ventricle Following Acute Archive of. *Acta Medica Iranica*, 49(8), hlm.531-535.

Pearson, T. (2003). Markers of Inflammation and Cardiovascular Disease: Application to Clinical and Public Health Practice: A Statement for Healthcare Professionals From the Centers for Disease Control and Prevention and the American Heart Association. *Circulation*, 107(3), hlm.499-511.

Ponikowski, P., Anker, S.D., AlHabib, K.F., Cowie, M.R., Force, T.L., Hu, S. et al. (2014). Heart failure: preventing disease and death worldwide. *European Society of Cardiology*, 1(1), hlm.4-25.

Ridker, P. (2001). High-Sensitivity C-Reactive Protein : Potential Adjunct for Global Risk Assessment in the Primary Prevention of Cardiovascular Disease. *Circulation*, 103(13), hlm.1813-1818.

Riedel, M., Lafitte, M., Pucheu, Y., Latry, K. dan Couffinhal, T. (2011). Prognostic value of high-

sensitivity C-reactive protein in a population of post-acute coronary syndrome patients receiving optimal medical treatment. *European Journal of Preventive Cardiology*, 19(5), hlm.1128-1137.

Sabatine, M.S., Morrow, D., Jablonski, K. A., Rice, M. M., Warnica, J. W., Domanski, M. J. et al. (2007). Coronary Heart Disease Prognostic Significance of the Centers for Disease Control / American Heart Association High-Sensitivity C-Reactive Protein Cut Points for Cardiovascular and Other Outcomes in Patients With Stable Coronary Artery Disease. *Circulation*, 115(12), hlm.1528-1537.

Saito, M., Ishimitsu, T., Minami, J., Ono, H., Ohru, M. dan Matsuoka, H. (2003). Relations of plasma high-sensitivity C-reactive protein to traditional cardiovascular risk factors. *Atherosclerosis*, 167(1), hlm.73-79.

Setianto, B.Y. dan Mubarika, S. (2012). *Hubungan antara Aktivitas Serum Matriks Metalloproteinase-9 (MMP-9) dan Polimorfisme Nukleotida Tunggal (SNP) MMP-9-1562 C>T pada Pasien Infark Miokard Akut Elevasi Segmen ST (STEMI) Dibandingkan dengan Sindrom Koroner Akut Non Elevasi Segmen ST (SKA Non STE)*. Yogyakarta: Fakultas Kedokteran Universitas Gadjah Mada.

Sheikh, A.S., Yahya, N., Sheikh, N.S. dan Sheikh, A.A. (2012). C-reactive Protein as a Predictor of Adverse Outcome in Patients with Acute Coronary Syndrome. *Heart Views*, 13(1), hlm.7-12.

Sohail, M., Krausz, T. dan Pepys, M.B. (1999). C-reactive Protein and Complement Are Important Mediators of Tissue Damage in Acute Myocardial Infarction. *Journal of Experimental Medicine*, 190(12), hlm.1733-1739.

Speidl, W., Graf, S., Hornykewycz, S., Nikfardjam, M., Niessner, A., Zorn, G. et al. (2002). High-sensitivity C-reactive protein in the prediction of coronary events in patients with premature coronary artery disease. *American Heart Journal*, 144(3), hlm.449-455.

Suleiman, M., Khatib, R., Agmon, Y., Mahamid, R.,

- Boulos, M., Kapeliovich, M. *et al.* (2006). Early Inflammation and Risk of Long-Term Development of Heart Failure and Mortality in Survivors of Acute Myocardial Infarction. *Journal of the American College of Cardiology*, 47(5), hlm.962-968.
- Suryadipradja, M., Nasution, S., Ismail, D. dan Kasjmir, Y. (2003). The correlation between high sensitivity C-Reactive Protein level and the Extent of Coronary Lesion and Cardiac Systolic Function in Coronary Heart Disease. *Medical Journal of Indonesia*, hlm.201.
- Thygesen, K., Alpert, J. dan White, H. (2007). Universal definition of myocardial infarction. *European Heart Journal*, 28, hlm.2525-2538.
- Timmer, J.R., Ottervanger, J.P., Bilo, H.J.G., Dambrink, J.H.E., Miedema, K., Hoorntje, J.C.A., *et al.* (2006). Prognostic value of admission glucose and glycosylated haemoglobin levels in acute coronary syndromes. *Quarterly Journal of Medicine*, 99: 237-243.
- Tomoda, H. dan Aoki, N. (2000). Prognostic value of C-reactive protein levels within six hours after the onset of acute myocardial infarction. *American Heart Journal*, 140(2), hlm.324-328.
- Tsimikas, S., Willerson, J.T. dan Ridker, P.M. (2006). C-Reactive Protein and Other Emerging Blood Biomarkers to Optimize Risk Stratification of Vulnerable Patients. *Journal of the American College of Cardiology*, 47(8), hlm.C19-C31.
- Wagner, G., Macfarlane, P., Wellens, H., Josephson, M., Gorgels, A., Mirvis, D. *et al.* (2009). AHA/ACCF/HRS Recommendations for the Standardization dan Interpretation of the Electrocardiogram: Part VI: Acute Ischemia/Infarction: A Scientific Statement From the American Heart Association Electrocardiography dan Arrhythmias Committee, Council on Clinical Cardiology; the American College of Cardiology Foundation; dan the Heart Rhythm Society: Endorsed by the International Society for Computerized Electrocardiology. *Circulation*, 119(10), hlm.e262-e270.



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**HUBUNGAN ANTARA KADAR HIGH SENSITIVITY C REACTIVE PROTEIN DENGAN KEJADIAN  
GAGAL JANTUNG AKUT PADA  
PASIEIN INFARK MIOKARD AKUT**

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Yin, W., Chen, J., Jen, H., Chiang, M., Huang, W.,  
Feng, A. *et al.* (2004). Independent prognostic value  
of elevated high-sensitivity C-reactive protein in  
chronic heart failure. *American Heart Journal*,  
147(5), hlm.931-938.