DAFTAR PUSTAKA

1. Jayaraj, Chadwick J, Davatyan, Karapet, Subramanian, Priya, et al. Epidemiology of Myocardial Infarction IntechOpen. 2018;11(5):9-19.
2. World Health Organization. Cardiovascular Disease (CVDs). 2017 (updated 17 May 2017;cited 23 September 2020) Available from:https://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-(cvds).
3. RISKESDAS. Hasil Utama RISKESDAS 2018. Jakarta: Kementerian Kesehatan Republik Indonesia. 2018;0:1-57.
4. Tanboga IH, Topcu S, Aksakal E, Kalkan K, Sevimli S, Acikel M. Determinants of Angiographic Thrombus Burden in Patients With ST-Segment Elevation Myocardial Infarction. Clinical and Applied Thrombosis/Hemostasis. 2014;20:716-22.
5. Ivanova EA, Myasoedova VA, Melnichenko AA, Grechko AV, Orekhov AN. Small Dense Low-Density Lipoprotein as Biomarker for Atherosclerotic Diseases. Oxidative Medicine and Cellular Longevity. 2017:1-10.
6. Mannarino E, Pirro M. Molecular biology of atherosclerosis. Clinical Cases in Mineral and Bone Metabolism 2008;5(1):57-62.
7. Heinecke JW. Lipoprotein oxidation in cardiovascular disease: chief culprit or innocent bystander. The Journal of experimental medicine. 2006;203(4):813-16.
8. Leiva E, Wehinger S, Guzmán L, Orrego R. Role of Oxidized LDL in Atherosclerosis. IntechOpen. 2015:55-78.
9. Ishigaki Y, Oka Y, Katagiri H. Circulating oxidized LDL: a biomarker and a pathogenic factor. Current Opinion in Lipidology. 2009;20(5):363.
10. Tsimikas S, Bergmark C, Beyer RW, Patel R, Pattison J, Miller E, et al. Temporal Increases in Plasma Markers of Oxidized Low-Density Lipoprotein Strongly Reflect the Presence of Acute Coronary Syndromes. Journal of the American College of Cardiology. 2003;41(3):360-70.
11. Kumar J, O'Connor C, Kumar R, Arnous S, Kiernan T. Coronary no reflow in the modern era: a review of advances in diagnostic technique and contemporary management. Expert review of Cardiolovascular Therapy. 2019;17(8):605-23.
12. Ren H, Zheng Y, Hu X, Yang Y, Zhang Y, Sun Y, et al. High thrombus burden: a review of mechanisms and treatments. Int J Clin Exp Med. 2019;12(11):13068-78.
13. Itabe H, Obama T, Kato R. The Dynamics of Oxidized LDL during Atherogenesis. Journal of Lipids. 2011(1-9):1-9.
14. Jairam V, Uchida K, Narayanaswami V. Pathophysiology of Lipoprotein Oxidation. INTECH Open Access Publisher. 2012;16:384-408.
15. Maiolino G, Rossitto G, Caielli P, Bisogni V, Rossi GP, Calò LA. The Role of Oxidized Low-Density Lipoproteins in Atherosclerosis: The Myths and the Facts. Mediators of Inflammation. 2013:1-13.
16. Khatana C, Saini NK, Chakrabarti S, Saini V, Sharma A, Saini RV, et al. Mechanistic Insights into the Oxidized Low-Density Lipoprotein-Induced Atherosclerosis. Oxidative Medicine and Cellular Longevity. 2020:1-14.
17. Holvoet P, Collen D. Oxidized lipoproteins in athroscierosis and thrombosis. Faseb J. 1994;8:1279-84.
18. Ky B, Burke A, Tsimikas S, Wolfe ML, Tadesse MG, Szapary PO, et al. The Influence of Pravastatin and Atorvastatin on Markers of Oxidative Stress in Hypercholesterolemic Humans. Journal Of The American College Of Cardiology. 2008;15:1653-62.

19. Wagner S, Apetrii M, Massy ZA, Marcus KE, Delgado G, Hubert S, et al. Oxidized LDL cholesterol, statin use and morbidity-mortality in patients receiving maintenance hemodialysis. Free Radical Research. 2016.
20. Itabe H, Ueda M. Measurement of Plasma Oxidized Low-Density Lipoprotein and its clinical Implications. Journal of Atherosclerosis and Thrombosis 2007;14:1-11.
21. Hafiane A. Vulnerable Plaque, Characteristics, Detection, and Potential Therapies. Journal of Cardiovascular Development and Disease. 2019;6(26):1-24.
22. Obermayer G, Afonyushkin T, Binder C. Oxidized low-density lipoprotein in inflammation-driven thrombosis. Journal of Thrombosis and Haemostasis. 2018;16:418-28.
23. Rhoads JP, Major AS. How Oxidized Low-Density Lipoprotein Activates Inflammatory Responses Critical Reviews™ in Immunology. 2018;38:333-42.
24. Taskinen S, Kovanen PT, Jarva H, Meri S, Pentikainen MO. Binding of C-reactive protein to modified low-density-lipoprotein particles: identification of cholesterol as a novel ligand for C-reactive protein. Biochem J. 2002;367:403-12.
25. Pasceri V, Willerson JT, Yeh ETH. Direct Proinflammatory Effect of C-Reactive Protein on Human Endothelial Cells. Circulation. 2000;102:2165-8.
26. Stancel N, Chen CC, Ke LY, Chu CS, Lu J, Sawamura T, et al. Interplay between CRP, Atherogenic LDL, and LOX-1 and Its Potential Role in the Pathogenesis of Atherosclerosis. Clinical Chemistry. 2016;62:320-7.
27. Badimon L, Vilahur G. Thrombosis formation on atherosclerotic lesions and plaque rupture. Journal of Internal Medicine. 2014;276:618-32.
28. Chan HC, Ke LY, Chu CS, Lee AS, Shen MY, Cruz MA, et al. Highly electronegative LDL from patients with ST-elevation myocardial infarction triggers platelet activation and aggregation. Blood. 2013;122(22):3632-41.
29. Yau JW, Teoh H, Verma S. Endothelial cell control of thrombosis. BMC Cardiovascular Disorders. 2015;15(130):1-11.
30. Itabe H, Sawada N, Makiyama T, Obama T. Structure and Dynamics of Oxidized Lipoproteins In Vivo: Roles of High-Density Lipoprotein. Biomedicines. 2021;9:1-15.
31. Bentzon JF, Otsuka F, Virmani R, Falk E. Acute Coronary Syndromes Compendium. Circulation Research. 2014;114:1852-66.
32. Sodhi N, Brown DL. Pathophysiology of Acute Coronary Syndromes: Plaque Rupture and Atherothrombosis. In: Mani AJ, Edep ME, Brown DL. Cardiac Intensive Care Unit Thrid Edition Elsevier Health Sciences. 2019;7:68-80.
33. Newby AC, Zaltsman AB. Fibrous cap formation or destruction — the critical importance of vascular smooth muscle cell proliferation, migration and matrix formation. Cardiovascular Research. 1999;41:345-60.
34. Ibanez B, James S, Agewall S, Antunes MJ, Ducci CB, Bueno Hc, et al. 2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. European Heart Journal. 2017;39:119-77.
35. Sigirci S, Yildiz SlS, Keskin K, Cetinkal G, Aksan G, Kilci H, et al. The predictive value of stress hyperglycemia on thrombus burden in nondiabetic patients with ST-segment elevationmyocardial infarction. Blood Coagulation and Fibrinolysis. 2019;30:270-6.
36. Choudry FA, Hamshere SM, Rathod KS, Akhtar MM, Archbold RA, Guttmann OP, et al. High Thrombus Burden in Patients With COVID-19 Presenting With ST-Segment Elevation Myocardial Infarction. Journal Of The American College Of Cardiology. 2020;76:1168-76.

37. Otaal PS, Anand A, Vijayvergia R. Correlates of Residual Thrombus Burden in Successfully Thrombolysed Patients of ST Elevation Myocardial Infarction Receiving Dual Anti Platelet Therapy. Cureus. 2020;12:2-9.
38. Syafri M. Analisis Hubungan antara Heparanase dengan TGF a, IL-17 dan NFKB pada Pasien Infark Miokard Akut dengan Elevasi Segmen ST. Program Studi S3 Biomedik. 2020.
39. Alkhouli M, Alqahtani F, Jneid H, Hajji MA, Boubas W, Lerman A. Age-Stratified Sex-Related Differences in the Incidence, Management, and Outcomes of Acute Myocardial Infarction. Mayo Clinic. 2021;96:332-41.
40. Moxham R, Džavík V, Cairns J, Natarajan MK, Bainey KR, Akl E, et al. Association of Thrombus Aspiration With Time and Mortality Among Patients With ST-Segment Elevation Myocardial Infarction A Post Hoc Analysis of the Randomized TOTAL Trial. JAMA Network Open. 2021;4(3):1-11.
41. Visseren FLJ, Mach Fo, Smulders YM, Carballo D, Koskinas KC, Back M, et al. 2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. European Heart Journal 2021;00:101-11.
42. Elkhader BA, Abdulla AA, Omer MAA. Correlation of Smoking and Myocardial Infarction Among Sudanese Male Patients Above 40 Years of Age. Polish Journal Of Radiology 2016;81:138-40.
43. Zhou MS, Chadipiralla K, Mendez AJ, Jaimes EA, Roy L. Silverstein, Webster K, et al. Nicotine potentiates proatherogenic effects of oxLDL by stimulating and upregulating macrophage CD36 signaling. Am J Physiol Heart Circ Physio. 2013;305:563-74.
44. Barua RS, Ambrose JA. Mechanisms of Coronary Thrombosis in Cigarette Smoke Exposure. Arterioscler Thromb Vasc Biol. 2013;33:1460-7.
45. Yamaguchi Y, Haginaka J, Morimoto S, Fujioka Y, Kunitomo M. Facilitated nitration and oxidation of LDL in cigarette smokers. European Journal of Clinical Investigation. 2005;35:186–93.
46. Picariello C, Lazzeri C, Attana P, Chiostri M, Gensini GF, Valente S. The Impact of Hypertension on Patients with Acute Coronary Syndromes. International Journal of Hypertension. 2011:1-7.
47. Yavuzer S, Yavuzer H, Cengiz M, Erman H, Altıparmak M, Korkmazer B, et al. Endothelial damage in white coat hypertension: role of lectin-like oxidized low-density lipoprotein-1. Journal of Human Hypertension. 2015;29:92-8.
48. Harmon ME, Campen MJ, Miller C, Shuey C, Cajero M, Lucas S, et al. Associations of Circulating Oxidized LDL and Conventional Biomarkers of Cardiovascular Disease in a Cross-Sectional Study of the Navajo Population. Plose One. 2016;11(3):1-12.
49. Mercodia. Mercodia Oxidized LDL ELISA. Mercodia AB Informa Business Intelligence Periodical. 2017;32(32).
50. Holvoet P, Macy E, Landeloos M, Jones D, Nancy JS, Van de Werf F, et al. Analytical performance and diagnostic accuracy of immunometric assays for the measurement of circulating oxidized LDL. Clinical Chemistry. 2006;52(4):760-4.
51. Zhang Y-c, Tang Y, Chen Y, Huang X-h, Zhang M, Chen J, et al. Oxidized low-density lipoprotein and C-reactive protein have combined utility for better predicting prognosis after acute coronary syndrome. Cell Biochem Biophys. 2014;68(2):379-85.
52. Nomura S, Shouzu A, Omoto S, Nishikawa M, Iwasaka T, Fukuhara SJC. Activated platelet and oxidized LDL induce endothelial membrane vesiculation: clinical significance of endothelial cell-derived microparticles in patients with type 2 diabetes. Clin Appl Thrombosis/Hemostasis. 2004;10(3):205-15.

53. Chen L, Mehta P, Mehta J. Oxidized LDL decreases L-arginine uptake and nitric oxide synthase protein expression in human platelets: relevance of the effect of oxidized LDL on platelet function. Circulation. 1996;93(9):1740-6.
54. Civelek S, Kutnu M, Uzun H, Erdenen F, Altunoglu E, Andican G, et al. Soluble lectin-like oxidized LDL receptor 1 as a possible mediator of endothelial dysfunction in patients with metabolic syndrome. Journal of Clinical Laboratory Analysis. 2015;29(3):184-90.
55. Li R, Mittelstein D, Lee J, Fang K, Majumdar R, Tintut Y, et al. A dynamic model of calcific nodule destabilization in response to monocyte-and oxidized lipid-induced matrix metalloproteinases. American Journal of Physiology-Cell Physiology. 2012;302(4):C658-C65.
56. Tajika K, Okamatsu K, Takano M, Inami S, Yamamoto M, Murakami D, et al. Malondialdehyde-modified low-density lipoprotein is a useful marker to identify patients with vulnerable plaque. Circulation Journal. 2012:CJ-12-0183.
57. Emekli-Alturfan E, Basar I, Alturfan AA, Ayan F, Koldas L, Balci H, et al. The relation between plasma tissue factor and oxidized LDL levels in acute coronary syndromes. Pathophysiol Haemost Thromb. 2007;36(6):290-7.
58. Naruko T, Ueda M, Ehara S, Itoh A, Haze K, Shirai N, et al. Persistent high levels of plasma oxidized low-density lipoprotein after acute myocardial infarction predict stent restenosis. Arterioscler Thromb Vasc Biol. 2006;26(4):877-83.
59. Johnston N, Jernberg T, Lagerqvist B, Siegbahn A, Wallentin L. Oxidized low-density lipoprotein as a predictor of outcome in patients with unstable coronary artery disease. International Journal of Cardiology. 2006;113:167-73.
60. Wu T, Willett WC, Rifai N, Shai I, Manson JE, Rimm EB. Is plasma oxidized low-density lipoprotein, measured with the widely used antibody 4E6, an independent predictor of coronary heart disease among US men and women? Journal of the American College of Cardiology. 2006;48(5):973-9.
61. Bansal SK, Yadav R. A Study of the Extended Lipid Profile including Oxidized LDL, Small Dense LDL, Lipoprotein (a) and Apolipoproteins in the Assessment of Cardiovascular Risk in Hypothyroid Patients. Journal of Clinical and Diagnostic Research. 2016;10(6):4-8.
62. Burgos Alves MI, Avilés Plaza F, Martínez-Tomás R, Sánchez-Campillo M, Larqué E, Pérez-Llamas F, et al. Oxidized LDL and its correlation with lipid profile and oxidative stress biomarkers in young healthy Spanish subjects. Journal of Physiology Biochemistry. 2010;66(3):221-7.