

DAFTAR PUSTAKA

1. Dorland, W.A. Newman. 2012. Kamus Kedokteran Dorland; Edisi 28. Jakarta: Buku Kedokteran EGC.
2. Dewinta, Adhya, Asma'ul Rizky Apsari, Maria Ulfa, Eprisa Ngesti Purwati. Bahan Makanan Kaya Makronutrien yang Dibutuhkan Oleh Tubuh Manusia Serta Penyakit yang Disebabkan Oleh Kekurangan dan Kelebihan Makronutrien. Jurnal Universitas Muhammadiyah. 2015.
3. World Health Organization. Global and Regional Food Consumption Patterns and Trends http://www.who.int/nutrition/topics/3_foodconsumption/en/—Diakses September 2018.
4. Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan Republik Indonesia. Riset Kesehatan Dasar 2010. 2014.
5. Austin, Gregory L Austin, Lorraine G Ogden, James O Hill. 2011. Trends in Carbohydrate, Fat, and Protein Intakes and Association with Energy Intake in Normal Weight, Overweight and Obese Individuals ; 1971-2006. The American Journal of Clinical Nutrition.
6. Ling Tan, Bee, Mohd Esa Norhaizan, Winnie Pui Pui Liew. Nutrients and Oxidative Stress: Friend or Foe?. Review Article: Oxidative Medicine and Cellular Longevity. 2018; 9719584.
7. Keane, Kevin Noel, Vinicius Fernandes Cruzat, Rodrigo Carlessi, *et al.* Molecular Events Linking Oxidative Stress and Inflammation to Insulin Resistance and β -Cell Dysfunction. Review Article: Oxidative Medicine and Cellular Longevity. 2015; 181643: 2.
8. Pitocco, Dario, Francesco Z, Enrico DS, *et al.* Oxidative Stress, Nitric Oxide, and Diabetes. The Review of Diabetic Studies. 2010: 7(1): 18
9. Gregersen, S, D Samocha Bonet, L K Heilbronn, L V Campbell. Inflammatory and Oxidative Stress Responses to High Carbohydrate and High Fat Meals in Healthy Humans. Journal of Nutrition and Metabolism. 2012; 238056:6.

10. Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan Republik Indonesia. Riset Kesehatan Dasar 2013. 2017; 83-93.
11. Kamso S. Dislipidemia dan Obesitas Sentral pada Lanjut Usia di Kota Padang. *J Kesehatan Masy Nas.* 2007;2:73-7
12. Paravicini, T.M. dan Touyz, R.M. 2008. NADPH Oxidase, Reactive Oxygen Species, and Hypertention. *Journal Diabetes Care*, 31(2): S170-S180.
13. Widayanti, Eni. Oxidasi Biologi, Radikal Bebas, dan Antioxidant. *Jurnal Unissula.*2015
14. Pitocco, Dario, Manfredi T, Rizzi A, Giovanni G, Carmine C. Oxidative Stress in Diabetes: Implications for Vascular and other Complications. *International Journal of Molecular Sciences.*2013;14:21529.
15. Cheng, Yu-chen, Jer Ming Sheen, Wen Long Hu, Yu Chiang Hung. Polyphenols and Oxidative Stress in Atherosclerosis Related Ischemic Heart Disease and Stroke. Review Article: *Oxidative Medicine and Cellular Longevity.* 2017; 8526438: 4.
16. Murray, R.K, David A. Bender, Kathleen M.Botham, Peter J. Kennelly, Victor W.Rodwell, P.Anthony Weil. 2014. *Biokimia Harper.*Edisi 29. Jakarta:EGC.p130-136.
17. Djuwita, Ratna, Purwastyastuti, Sudijano Kamso. 2003. Nutrients Intake Pattern of Minangkabau Ethnic Group. *Fakultas Kesehatan Masyarakat UI.*
18. Yunus, Moch. 2001. Pengaruh Antioksidan Vitamin C Terhadap MDA Eritrosit Tikus Wistar Akibat Latihan Anaerobik. *Jurnal Pendidikan Jasmani*, (1): 9-16.
19. Donne, Isabella Dalle, Ranieri Rossi, Roberto Colombo, dkk. 2006. Biomarkers of Oxidative Damage in Human Disease. *Clinical Chemistry* 52:4
20. Lipoeto, N I, Zulkarnain Agus, *et al.* Contemporary Minangkabau Food Culture in West Sumatera, Indonesia. *Asia Pacific J Clin Nutr.* 2001. 10(1):10-16
21. Hartono, Andri.2006. *Terapi dan Diet Rumah Sakit.* Jakarta : EGC

22. Purnakarya, I. 2009. Peran Zat Gizi Makro terhadap Kejadian Demensia pada Lansia. *Jurnal Kesehatan Masyarakat* Vol.03 No.2
23. Hutagalung, halomoan.2004.Karbohidrat.USU digital library
24. Ross, A. Catharine, Benjamin Coballero, Robert J.Cousins, dkk. *Modern Nutrition in Health and Disease*. 7th ed. 2014
25. Almatier, S. (2009). *Prinsip Dasar Ilmu Gizi*. Jakarta : Penerbit PT Gramedia Pustaka Utama.
26. Drummond, K., dan Brefere, L., 2007. *Nutrition for Food Service and Culinary Professionals*. 6th ed. USA: John Wiley and Sons, Inc.
27. Arisman. (2010). *Gizi Dalam Daur Kehidupan* , Penerbit Buku Kedokteran EGC, Jakarta
28. Mahan K. dan Escott-Stump. 2008. *Food, Nutrition, and Diet Therapy*. USA: W.B Saunders Company.
29. Murray, R. K., Granner, D. K., & Rodwell, V. W. *Biokimia harper* (27 ed.). Jakarta: Buku Kedokteran EGC; 2009
30. Xu, HX, Hong Y, Zhang MZ, dkk. 2015. Transcriptional responses of invasive and indigenous whiteflies to different host plants reveal their disparate capacity of adaptation. *PubMed*
31. Budianto, A K. 2009. *Dasar-Dasar Ilmu Gizi*. Malang. UMM Pers
32. Dwijayanthi, Linda. *Ilmu Gizi Menjadi Sangat Mudah*. Edisi 2. Jakarta:EGC;2007
33. Tejasari. 2005. *Nilai-nilai Gizi Pangan*. Yogyakarta: Graha Ilmu
34. Djaeni, Achmad. 2008. *Ilmu Gizi*. Jakarta : PT. Dian Rakyat.
35. *Protein and amino acids metabolism*. 2003. *Encyclopedia Britannica, Inc.*
36. Tuminah S. Efek Asam Lemak Jenuh dan Asam Lemak Tak Jenuh “Trans” Terhadap Kesehatan. *Media Penelit dan Pengembang Kesehat* . 2009;XIX(SuplemenII):S13–20
37. Sartika RAD. Pengaruh asam lemak jenuh, tidak jenuh dan asam lemak trans terhadap kesehatan. *Kesehat Masy Nas*. 2008;2(4):154–60.
38. Kementrian Kesehatan RI. *Pedoman gizi seimbang*. Jakarta Kementeri Kesehatan RI . 2014;44. gizi.depkes.go.id – Diakses Agustus 2018

39. Tortora, G. J., & Derrickson, B. (2009). Principles of Anatomy & Physiology. USA: John Wiley & Sons. Inc.
40. Sturn, Noel. 2017. Fat Metabolism : Overview and Synthesis. California State University
41. Eberhardt, M.K. 2001. Reaction of Reactive Oxygen Metabolites with Important Biomolecules, In : Reactive Oxygen Metabolites. Chemistry and Medical Consequences. CRC
42. Donne D, Isabella, Rossi, Ranieri, Colombo, Roberto dkk. Biomarker of oxidative damaged in human disease. Clinical Chemistry 2006 ; 52 : 1 – 23.
43. Kadiiska MB, Gladen BC, Baird DD, Germolec D, Graham LB, Parker CE, etc. hBiomarkers oxidative stress study II : are oxidation products of lipids, proteins, and DNA markers of CCl₄ poisoning?. Free Radic Biol Med 2005 ; 38 (6) : 698-710.
44. Lima VR, Morfim MP, Teixeira A, Crecszynski TB. Relationship between the action of reactive oxygen and nitrogen species on bilayer membranes and antioxidants. Chemistry and Physics of Lipids 2004 ; 132 : 197 – 208.
45. Salvayre AN, Coatrieux C, Ingueneau C, Salvayre R. Advanced lipid peroxidation end products in oxidative damage to proteins. Potential role in disease and therapeutic prospects for the inhibitors. British Journal of Pharmacology 2008, 153 : 6 – 20.
46. Siswonoto, Susilo. 2008. Hubungan Kadar MDA Plasma dengan Keluaran Klinis Stroke Iskemik Akut. Undip
47. Droge W. Free radical in the physiological control of cell function. Physiol Rev 2002.
48. Samoylenko, Anatily, Jubayer Al Kossain, Daniela Mennerich. 2013. Nutritional Countermeasures Targeting Reactive Oxygen Species in Cancer : From Mechanisms to Biomarkers and Clinical Evidence. Antioxidants & Redox Signaling. Vol 19 No:17
49. Gorlach, Agnes, Elitsa Y. Dimova, Andreas Petry, dkk. 2015. Reactive Oxygen Species, Nutrition, Hypoxia and Disease : Problem Solved?. Elsevier Redox Biology

50. Kementerian Kesehatan Republik Indonesia. Angka Kecukupan Gizi yang Dianjurkan Bagi Bangsa Indonesia. 2013
51. Manohar, Suchitra Mustur, Seshadri Reddy Vaikasuvu, dkk. 2013. An Association of hyperglycemia with plasma malondialdehyde and atherogenic lipid risk factors in newly diagnosed type 2 diabetic patients. *J Res Mes Sci*.
52. Dinas Kesehatan Kota Padang. Profil Kesehatan Kota Padang. 2016
53. Winarno, Wida, Driando Ahnan. 2015. *Telomer Membalik Proses Penuaan*. Jakarta:Gramedia
54. Yoshita, Katsushi, Yusuke Arai, Miho Nozue, *et al*. Total Energy Intake and Intake of Three Major Nutrients by Body Mass Index in Japan. *J Epidemiol*. 2010.20(Suppl 3) S515-523
55. Soraya, Dinah, Dadang Sukandar, Tiurma Sinaga. Hubungan Pengetahuan Gizi, Tingkat Kecukupan Zat Gizi, dan Aktifitas Fisik dengan Status Gizi pada Guru SMP. *The Indonesian Journal of Nutrition*. 2017. 6 (1)
56. Wolfe, Robert R, Amy M Cifelli, Georgia Kostas, II Young Kim. Optimizing Protein Intake in Adults: Interpretation and Application of the Recommended Dietary Allowance Compared with the Acceptable Macronutrient Distribution Range. *American Society for Nutrition*. 2017. *Adv Nutr*
57. Moreto, Fernando, Erick P.de Oliveira, Rodrigo M.Manda, *et al*. The Higher Plasma Malondialdehyde Concentrations Are Determined by Metabolic Syndrome-Related Glucolipotoxicity. 2014. *Oxidative Medicine and Cellular Longevity*.
58. Rustika. *Asupan Asam Lemak Jenuh dari Makanan Gorengan dan Risikonya terhadap Kadadr Lipid Plasma pada Kelompok Dewasa*. (Disertasi). Jakarta:2005. Universitas Indonesia
59. Hatma, Djuwita Ratna, Widjaja Lukito, Yohanna S.P Rumawas. Fatty Acids Intake Among Diverse Ethnic Groups in Indonesia. 2005. *Med J Indones* Vol 14 No 4

60. Kahnmoeyi, J Rahmani, F Maleki, MR Nasirzaedah, *et al.* The Effect of Cigarette Smoking on Plasma MDA and TAC in University Student. 2014. Pharmacology and Life Science
61. Bloomer, Richard J, Moh M Kabir, John F T, *et al.* A 21 day Daniel Fast Improves Selected Biomarkers of Antioxidant Status and Oxidative Stress in Men and Women. 2011. Nutrition and Metabolism 8:17
62. Antus B, harnasi G, Drozdovszky O, *et al.* 2014. Monitoring Oxidative Stress During Chronic Obstructive Pulmonary Disease Exacerbation Using Malondialdehyde. Respirology 19:74-79
63. Abdurrahman, Nabilah. 2015. Pengaruh Puasa Ramadhan Terhadap Asupan Energi Total dan Kadar Malondialdehid Plasma pada PNS di Lingkungan Sekretariat DPRD Provinsi Jawa Barat. Tesis.UNPAD
64. Prasetya, Septian Ika, Joan Jutamulia, Adventia Natail Paranoan *et al.* Comparison of Plasma Malondialdehyde and Glutathione Levels between Low Calorie High Protein Diet to Standard Protein in Obese Individuals with Weight Cycling. 2018. F1000Research
65. Milagro, Fernin I, Javier Campion, J Alfredo Martinez. Weight Gain Induced by High Fat Feeding Involves Increased Liver Oxidative Stress. 2006. Obesity Vol 14 No 7
66. Moraes, Wilson MAM, Ana Erbenia PM, Marcela Mota ML, *et al.* Protein Overfeeding is Associated with Improved Lipid and Anthropometric Profile thus Lower MDA Levels in resistance Trained Athletes.2017. international J Sport Science
67. Nielsen, Flemming, Bo Borg Mikkelsen, Jesper Bo Nielsen, *et al.* Plasma MDA as Biomarker for Oxidative Stress: Reference Interval and Effect of Life-Style Factors. 1997. Clinical Chemistry 1209-1214
68. Zorawar, Indrakaran PK, Pramjit SINGH, *et al.* Use of MDA as a Biomarker for Assesing Oxidative Stress in Different Disease Pathologies. 2014.Iranian J PH
69. Hall, Kevin D, Thomas Bemis, Robert Brychta *et al.* Calorie for Calorie, dietary fat restriction results in more body fat loss than carbohydrate restriction in people with obesity. 2015. Cell metab

70. Simona Bo, Giovani Musso, Guglielmo Bacuti, *et al.* Consuming More of Daily Caloric Intake at Dinner Predisposes to Obesity. A 6-Year Population Based Prospective Cohort Study. 2014. Plosone
71. Azima, Fauzan, Novelina, Rini. Chemical Characteristic and Fatty Acid Profile in Rendang Minangkabau. 2016. International journal on advance science
72. Bhale, Dhananjay Vasant, Dhanashri Shashikant Patil, *et al.* Study of Malondialdehyde as a Marker of Oxidative Stress in Obese Male Individuals. 2014. IJ Recent Trends Technology
73. Jalees, Syeda Shahana, M. rosaline. Study of MDA and estimation of Blood Glucose Levels in Patients with Diabetes Melitus. 2017. DOI
74. Estadella, Debora, Claudia M. Da Penha Oller, Lila M. Oyama, *et al.* Lipotoxicity: Effects of Dietary Saturated and Transfatty Acids. 2013. Hindawi.
75. Bennett, Du H, Li L, China Kadoorie Biobank Study. Fresh Fruit Consumption and Major nutrition. N Engl J Med. 2016;374:1332-43
76. Atasayar, S, Hilmi Orhan, H Ozgunes. Malondialdehyde Quantification in Blood Plasma of Tobacco Smokers and Non Smokers. Fabad Journal of Pharmaceutical Sciences. 2014;29(1):15-19

