

DAFTAR PUSTAKA

1. Onis M, *et al.* The Worldwide Magnitude of Protein-Energy malnutrition: an overview from the WHO Global Database on Child Growth. *Bulletin of the World Health Organization* 1993; 71:703-12.
2. Beck ME. Ilmu Gizi dan Diet: Masalah Gizi di Indonesia dan Upaya Penanggulangannya. Yogyakarta: Yayasan Essentia Medica; 2011. h. 205.
3. Pelletier D, Frongillo EA. Changes in Child Survival Are Strongly Associated with Changes in Malnutrition in Developing Countries. *Journal of Nutrition*. 2003; 133: 107-19.
4. The Association of Southeast Asian Nations (ASEAN). The Millenium Development Goals. Jakarta; 2011.
5. Anonim. Malnutrition prevalence, weight for age (% of children under 5). Tersedia dari <http://data.worldbank.org/indicator/SH.STA.MALN.ZS>. Diunduh pada tanggal 23/3/14.
6. DEPKES RI. Profil Kesehatan Indonesia. Tersedia dari http://depkes.go.id/index.php?vw=2&pg=ProfilKesehatan_Nasional. Diunduh pada tanggal 23/3/14.
7. Kementerian Kesehatan RI. Riset Kesehatan dasar (Riskesdas) 2013. Jakarta : Badan Penelitian dan Pengembangan Kesehatan; 2013. h. 251-2. Tersedia dari <http://www.riskesdas.litbang.depkes.go.id>. Diunduh pada tanggal 24/3/14.
8. Djumaidas A. Aplikasi Antropometri Sebagai Alat Ukur Status Gizi. Puslitbang Gizi Bogor; 1990.
9. Syam AF. Malnutrisi. Dalam: Sudoyo AW, *et al.* Buku Ajar Ilmu Penyakit Dalam. Jakarta : Interna Publishing; 2009. h. 354
10. Guiraldes E, Hamilton J.R. Effect of chronic malnutrition on intestinal structure, epithelial renewal and enzymes in suckling rat. *Pediatr. Res*. 1981. 15. h.930-34
11. Sosrosumihardjo R, Firmansyah A, Rasad A, *et al.* Effects of realimentation on small intestinal morphology and disaccharidase activity

- in malnutrition Sprague-Dawley rats. *Medicine Journal Indonesia* Vol 15. No. 4 October-December 2006. h. 208-16
12. Ross AC, *et al.* *Modern Nutrition in Health and Disease* ed 11. Baltimore: Lippincott Williams & Wilkins; 2012. h. 660-77, 897-8
 13. Suzuki M, Shibamura M, Kimura S. Effect of Severe Maternal Dietary Restriction on Growth and Intra-Abdominal Adipose Tissue Weights in Offspring Rats. *J Nutr Sci Vitaminol* 2010; 56: 293-8.
 14. Guyton AC. *Fisiologi Kedokteran*. Jakarta:EGC; 2006. h. 41, 827-9, 847-8, 854, 873, 916, 925, 971-2, 983, 1011, 1016-7
 15. Tappenden KA. Emerging therapies for intestinal failure. *Arch Surg* 2010; 145: 528-32
 16. Kumar, Cortran, Robins. *Buku Ajar Patologi* ed 7. Jakarta: EGC; 2007. h. 6-13, 28-33.
 17. Niinikoski H, Stoll B, Guan X, *et al.* Onset of small intestinal atrophy is associated with reduced intestinal blood flow in TPN-fed neonatal piglets. *J Nutr* 2004; 134: 1467-74.
 18. Shaw D, Gohil K, Basson MD. Intestinal Mucosal Atrophy and Adaptation. *World Journal of Gastroenterology* 2012; 18 (44): 6357-75.
 19. Porth CM, Matfin G. *Pathophysiology Concepts of Altered Health States* ed8. Philadelphia: Lippincott Williams & Wilkins. 2009. h. 999.
 20. Adriani M, Wirjatmadi B. *Pengantar Gizi Masyarakat*. Jakarta: Kencana; 2012. h. 1-30.
 21. Foster GD, Wadden TA, Kendrick ZV, *et al.* The energy cost of walking before and after significant weight loss. *Med Sci Sports Exerc* 1995; 27: 888-94.
 22. Smith C, Marks AD, Lieberman M. *Marks' Basic Medical Biochemistry: A Clinical Approach* 2nd ed. Lippincott Williams & Wilkins; 2005. h. 30-4, 337-8, 399, 785.
 23. Sherwood L. *Fisiologi Manusia: dari Sel ke Sistem*. Jakarta: EGC; 2011. h. 132-3, 641-3, 675-87, 705, 781
 24. Campbell, Reece, Mitchell. *Biologi* ed 6 jilid 3. Jakarta: Erlangga; 2006.

25. Snell RS. Anatomi Klinik untuk Mahasiswa Kedokteran ed 6. Jakarta: EGC; 2006. h. 203,223
26. Mescher AL. Histologi dasar Junqueira. Jakarta: EGC; 2011. h. 260-3
27. Eroschenko VP. Atlas Histologi diFiore. Jakarta: EGC; 2010. h. 303-4
28. Tortora GJ, Derrickson B. Principles of Anatomy and Physiology 12th ed. USA: John Wiley & Sons; 2009. h. 924-5.
29. Gartner LP, Hiatt JL. Color Textbook of Histology 3rd ed. Philadelphia Saunders Elsevier; 2007. h.398
30. Feng Y, Teitelbaum DH. Epidermal growth factor/TNF- α transactivation modulates epithelial cell proliferation and apoptosis in a mouse model of parenteral nutrition. *Am J Physiol Gastrointest Liver Physiol* 2012; 302 G236-G249.
31. Ito J, Uchida H, Yokote T, *et al.* Fasting-induced intestinal apoptosis is mediated by inducible nitric oxide synthase and interferon- γ in rat. *Am J Physiol Gastrointest Liver Physiol* 2010; 298: G916-G926.
32. Vermes, Haanen C, Reutelingsperger CPM. Apoptosis-the Genetically Controlled Physiological Cell Death: Biochemistry and Measurement. *Ned Tijdschr Klin Chem* 1997; 22 43-50.
33. Elmore S. Apoptosis: A Review of Programmed Cell Death. *Toxicologic Pathology* 2007, 35:495–516.
34. Venkatachalam MA, Saikumar P. Apoptosis and Cell Death. Dalam: Cagle PT, Allen TC. Basic Concepts of Molecular Pathology. Molecular Pathology Library, Springer; 2009. h. 29-40
35. Banks RE, *et al.* Exotic Small Mammal Care and Husbandry. USA:Wiley-Blackwell; 2010. h. 81-4
36. Hunt HR. A Laboratory Manual of the Anatomy of the Rat. New York: The Macmillan Company; 1924. h. 68-83.
37. Hagerman H. Rat Dissection. Michigan State University. Tersedia dari <https://www.msu.edu/course/lbs/158h/manual/Ratdissect.pdf>. Diunduh pada tanggal 31/07/2015.

38. Piper M & Suzanne M. *Comparative Anatomy and Histology: A Mouse and Human Atlas*. Academic Press; 2011.
39. Koolhaas JM. *The Laboratory Rat*. Dalam: Hubrecht R, Kirkwood J. *The UWAF Handbook on the Care and Management of Laboratory and Other Research Animals*. The Universities Federation for Animal Welfare; 2010. h. 321.
40. Sengupta P. *A Scientific Review of Age Determination for a Laboratory Rat: How Old is it in Comparison with Human Age?*. *Biomedicine International* 2011; 2: 81-9.
41. Sowash JR. *Rat Dissection*. May 2009.
42. Pratomo I. *Prosedur Tetap Pembedahan Hewan Uji*. Fakultas Farmasi UGM. Yogyakarta.
43. Lieberman M, Marks AD. *Marks' Basic Medical Biochemistry: A Clinical Approach*. 4th ed. Philadelphia: Lippincott Williams & Wilkins; 2013. h. 30-8.
44. McNurlan MA, Tomkins AM, Garlick PJ. *The Effect of Starvation on the Rate of Protein Synthesis in Rat Liver and Small Intestine*. *Biochem J*; 1979. 178,373-9.
45. Dock DB, Aguilar-Nascimento JE, Latorraca MQ. *Probiotics enhance the recovery of gut atrophy in experimental malnutrition*. *Biocell*; 2004, 28(2):143-50.
46. Rose PM, Hopper AF, Wannemacher RW. *Cell Population Changes in the Intestinal Mucosa of Protein-Depleted or Starved Rats: I. Changes in Mitotic Cycle Time*. *J Cell Bio Vol. 50*; 1971. h.887-92.
47. Debnam ES, Levin RJ. *Effects of Fasting and Semistarvation on the Kinetics of Active and Passive Sugar Absorption Across the Small Intestine In Vivo*. *J Physiol* 1975.252, h. 681-700.