

Daftar Pustaka

- Belayev L, Zhao W, Pattany PM, Weaver RG, Huh PW, Lin B, et al. 1998. Diffusion-weighted Magnetic Resonance Imaging Confirms Marked Neuroprotective Efficacy of Albumin Therapy in Focal Cerebral Ischemia. *Stroke*, **29**, 2587–2599.
- Ben Wood, Ann Comley, Janet Sherwell. 1970. *Effect of Additional Albumin Administration During Exchange Transfusion on Plasma Albumin-binding Capacity*. Birmingham.
- Blachier M, Leleu H, Peck-Radosavljevic M, Valla DC, RoudotThoraval F. 2013. The Burden of Liver Disease in Europe: a Review of Available Epidemiological Data. *J Hepatol*, **58**, 593-608.
- Blunt MC, Nicholson JP, Park GR. 1998. Serum Albumin and Colloid Osmotic Pressure in Survivors and Nonsurvivors of prolonged critical illness. *Anaesthesia*, **53**, 755–761.
- Boltd, 2010. Use of Albumin: an Update. *British Journal of Anaesthesia*, **104(3)**, 276–284.
- C. Haller. 2006. Hypoalbuminemia in Renal Failure: Pathogenesis and Therapeutic Considerations. *Kidney Blood Press Res*, **28**, 307 – 310.
- Chen T-A, Tsao Y-C, Chen A, Lo G-H, Lin C-K, Yu H-C, dkk. 2009. Effect of Intravenous Albumin on Endotoxin Removal, Cytokines, and Nitric Oxide Production in Patients with Cirrhosis and Spontaneous Bacterial Peritonitis. *Scand J Gastroenterol*, **44**, 619–625.
- Cormode, E.J., D.M. Lyster, and S. Israels. 1975. Analbuminemia in a Neonate. *J Pediatr*, **86(6)**, 862-867.
- Corti MC, Guralnik JM, Salive ME, Sorkin JD. 1994. Serum Albumin Level and Physical Disability as Predictors of Mortality in Older Persons. *JAMA*, **272(13)**, 1036-1042.
- D’Amico G, Garcia-Tsao G, Pagliaro L. 2006. Natural History and Prognostic Indicators of Survival in Cirrhosis: a Systematic Review of 118 Studies. *J Hepatol*, **44**, 217-231.
- Depkes RI. 1995. Farmakope Edisi 4. Jakarta: Departemen Kesehatan. 69-70.
- Doweiko JP, Nompleggi DJ. 1991. Role of Albumin in Human Physiology and Pathophysiology. *J Parenter Enteral Nutr*, **15(2)**, 207–211.

- Doweiko JP, Nompleggi DJ. 1991 The Role of Albumin in Human Physiology and Pathophysiology, Part III: Albumin and disease states. *J Parenter Enteral Nutr*, **15(4)**, 476–483.
- Dudley FJ. 1992. Pathophysiology of Ascites Formation. *Gastroenterol Clin North Am*, **21**, 215-235.
- Emerson TE. 1989. Unique Features of Albumin: A brief review. *Crit Care Med*. **17(7)**, 690–693.
- Evans TW. 2002. Review Article: Albumin as a Drug—biological Effects of Albumin Unrelated to Oncotic Pressure. *Aliment Pharmacol Ther*, **16**, 6–11.
- Faure P, Wiernsperger N, Polge C, Favier A, Halimi S. 2008. Impairment of the Antioxidant Properties of Serum Albumin in Patients with Diabetes: Protective Effects of Metformin. *Clin Sci (Lond)*, **114**, 251–256.
- Fleck A, Raines G, Hawker F, Wallace PI, dkk. 1985 Increased Vascular Permeability: A Major Cause of Hypoalbuminemia in Disease and Injury. *Lancet*, **1(8432)**, 781–784.
- Foley EF, Borlase BC, Dzik WH, dkk. 1990. Albumin Supplementation in the Critically Ill. A Prospective, Randomized Trial. *Arch Surg*, **125**, 739–742.
- Freeman, T. and A.H. Gordon. 1965. Albumin Catabolism in Hypoproteinaemic States Atudies with 131-I-Albumin. *Bibl Haematol*, **23**, 1108-1115.
- Fulks M, Stout RL, Dolan VF. 2010. Albumin and All-cause Mortality Risk in Insurance Applicants. *J Insur Med*, **42(1)**, 11-17.
- Garcia-Martinez R, Caraceni P, BernardiM, Gines P, Arroyo V, Jalan R. 2013. Albumin: Pathophysiologic Basis of Its Role in the Treatment of Cirrhosis and Its Complications. *Hepatology*.
- Gatta, A., Verardo, A. & Bolognesi, M., 2012. Hypoalbuminemia. *Intern Emerg Med*, **7(3)**, 193-199.
- George A. Kaysen and Burl R. Don. 2003. Factors that Affect Albumin Concentration in Dialysis Patients and Their Relationship to Vascular Disease. *Kidney International*, **63(84)**, S94–S97.
- Giancarlo Liumbruno¹, Francesco Bennardello², Angela Lattanzio³, Pierluigi Piccoli⁴,. 2009. *Recommendations for the Use of Albumin and Immunoglobulins*. Italy.
- Guthrie RD, Jr, Hines C, Jr. 1991. Use of Intravenous Albumin in the Critically Ill Patient. *Am J Gastroenterol*, **86**, 255–263.
- Haycock G. 1995. The Child with Idiopathic Nephrotic Syndrome. *Clinical Paediatric Nephrology*, **3**, 340-366.

- He P, Curry FE. 1993. Albumin Modulation of Capillary Permeability: Role of endothelial Cell [Ca²⁺]_i. *Am J Physiol*, **265(1 pt 2)**, H74–H82.
- Hedlund J. 1995. Community Acquired Pneumonia Requiring Hospitalisation, Factors of Importance for the Short and Long Term Prognosis. *Scand J Infect Dis (Supple)*, **97**, 1-60.
- Iwata M, Kuzuya M, Kitagawa Y, Iguchi A. 2006. Prognostic Value of Serum Albumin Combined with Serum C-Reactive Protein Levels in Older Hospitalized Patients: Continuing Importance of Serum Albumin. *Aging Clin Exp Res*, **18(4)**, 307-311.
- Jalan R, Schnurr K, Mookerjee RP, Sen S, Cheshire L, Hodges S, dkk. 2009. Alterations in the Functional Capacity of Albumin in Patients with Decompensated Cirrhosis is Associated with Increased Mortality. *Hepatology*, **50**, 555–564.
- Joana R. Carvalho, Mariana Verdelho Machado. 2018. New Insights About Albumin and Liver Disease. *Annals of Hepatology*. **17(4)**, 547-560.
- John S, Thuluvath PJ. 2015. Hyponatremia in Cirrhosis: Pathophysiology and Management. *World J Gastroenterol*, **21**, 3197-3205.
- Jørgensen KA, Stoffersen E. 1980 On the Inhibitory Effect of Albumin on Platelet Aggregation. *Thromb Res*, **17**, 13-18.
- Juliene L. Throop, Marie E. Kerl, Leah A. Cohn, 2004. Albumin in Health and Disease: Protein Metabolism and Function. *Compendium, Columbia*. 934, 936-937.
- Juliene L. Throop, Marie E. Kerl, Leah A. Cohn, 2004. Albumin in Health and Disease: Causes and Treatment of Hypoalbuminemia. *Compendium: Columbia*. 940-945.
- Keaney JF, Simon DI, Stamler JS, Jaraki O, Scharfstein J, Vita JA, dkk. 1993. NO Forms an Adduct with Serum Albumin that has Endothelium-derived Relaxing Factor-like Properties. *J Clin Invest*, **91**, 1582–1589.
- Kemenkes RI. 2013. Riset Kesehatan Dasar. Jakarta: Kemenkes RI.
- Khoiriyah, Shahnaz Desianti dan Lestari, Keri. 2018. Kajian Farmakoekonomi yang Mendasari Pemilihan Pengobatan di Indonesia. *Farmaka*, 16(3), 134-144
- Klonoff-Cohen H, Barrett-Connor EL, Edelstein SL. 1992 Albumin Levels as a Predictor of Mortality in the Healthy Elderly. *J Clin Epidemiol*, **45**, 207-212.

- Lang JD, Figueroa M, Chumley P, Aslan M, Hurt J, Tarpey MM, dkk. 2004. Albumin and Hydroxyethyl Starch Modulate Oxidative Inflammatory Injury to Vascular Endothelium. *Anesthesiology*, **100**, 51–58.
- Li K, Fu W, Bo Y, dkk. 2018. Effect of Albumin-Globulin Score and Albumin to Globulin Ratio on Survival in Patients with Heart Failure: A Retrospective Cohort Study in China. *BMJ*, 1-7.
- Lowenberg EKM, Berg UB. 1999. Influence of Serum Albumin on Renal Function in Nephrotic Syndrome. *Pediatr Nephrol*, **13**, 19-25.
- Matthay MA. 2003. Resolution of Pulmonary Edema. *Sci Med*, **9(1)**,12–22.
- Mazzaferro EM, Rudloff E, Kirby R. 2002. The Role of Albumin Replacement in the Critically Ill Veterinary Patient. *J Vet Emerg Crit Care*, **12(2)**, 113-124.
- Naz, F., Jyoti, S., Rahul, Akhtar, N., & Siddique, Y. H. 2015. Effect of Oral Contraceptive Pills on the Blood Serum Enzymes and DNA Damage in Lymphocytes Among Users. *Indian Journal of Clinical Biochemistry*, **31(3)**, 294–301.
- Oetl K, Stauber RE. 2007. Physiological and Pathological Changes in the Redox State of Human Serum Albumin Critically Influence Its Binding Properties. *Br J Pharmacol*, **151**, 580–590.
- Parving HH, Rossing N. Simultaneous Determination of the Transcapillary Escape Rate of Albumin and IgG in Normal and Long-Term Juvenile Diabetic Subjects. *Scand J Clin Lab Invest*, **32**, 239–44.
- Peralta, R. 2018. Hypoalbuminemia. *Medscape*.
- Peters Jr T. 1996. *All About Albumin: Biochemistry, Genetics, and Medical Applications*. San Diego: Academic Press.
- Plante GE, Chakir M, Lehoux S, Lortie M. 1995. Disorders of Body Fluid Balance: A New Look into the Mechanisms of Disease. *Can J Cardiol*, **11**, 788–802.
- Qiao R, Siflinger-Birnboim A, Lum H, Tiruppathi C, Malik AB. 1993. Albumin and Ricinus Communis Agglutinin Decrease Endothelial Permeability via Interactions with Matrix. *Am J Physiol*, **265**, C439–446.
- Rady MY, Ryan T. 1999. Perioperative Predictors of Extubation Failure and the Effect on Clinical Outcome after Cardiac Surgery. *Crit Care Med*, **27**, 340-347.
- Ramirez-Vick J, Vargas FF. 1993. Albumin Modulation of Paracellular Permeability of Pig Vena Caval Endothelium Shows Specificity for Pig Albumin. *Am J Physiol*, **264(33)**, H1382–H1387.

- Reinhardt GF, Myscowski JW, Wilkens DB, dkk. 1980. Incidence and Mortality of Hypoalbuminemic Patients in Hospitalized Veterans. *J Parenter Enteral Nutr*, **4**, 357-359.
- Roche M, Rondeau P, Singh NR, Tarnus E, Bourdon E. 2008. The Antioxidant Properties of Serum Albumin. *FEBS Lett*, **582(13)**, 1783-1787.
- Romagnoni F, Zuliani G, Bollini C, dkk. 1999. Disability is Associated with Malnutrition in Institutionalized Elderly people. *Aging (Milano)*, **11(3)**, 194-199.
- Rothschild MA, Oratz M, Schreiber SS. 1972. Albumin Metabolism. *Gastroenterology*, **64(2)**, 324–337.
- Rothschild MA, Oratz M, Schreiber SS. 1972. Albumin Synthesis (first of two parts). *N Eng J Med*, **286(14)**, 748–757.
- Rothschild MA, Oratz M, Schreiber SS. 1972. Albumin Synthesis (Part 2). *N Eng J Med*, **286(15)**, 816–821.
- Rothschild MA, Oratz M, Schreiber SS. 1988. Serum Albumin. *Hepatology*, **8(2)**, 385–401.
- Sanabria P, Vargas FF. 1988. Effect of Albumin on the Width of Water Channels in Venous Endothelium. *Am J Physiol*, **255(24)**, H638–H645.
- Satibi, Rahmawati, L., Susanti, L., and Rohmadani, U. 2014. Analysis of Cost and Outcome Therapy of Blood Transfusion on Anemia Treatment for Inpatient with Chronic Renal Failure. *Indonesian Journal of Pharmacy*, **25(1)**, 51.
- Sokołowska M, Wszelaka-RylikM, Poznański J, Bal W. 2009. Spectroscopic and Thermodynamic Determination of Three Distinct Binding Sites for Co(II) Ions in Human Serum Albumin. *J Inorg Biochem*, **103**, 1005–1013.
- Soni N. 1995. Wonderful Albumin?. *Br Med J*, **310**, 887-888.
- Soni, N., 2009. Human Albumin Solutions and the Controversy of Crystalloids Versus Colloid. In: M. Contreras, ed. ABC of Transfusions. *West Sussex: Wiley Blackwell*, 48-53.
- Sonia Cabrerizo, Daniel Cuadras, dkk., 2015. Serum Albumin and Health in Older People: Review and meta analysis. *Elsevier*, **6343**, 11
- Stauber R, Spindelboeck W, Haas J, Putz-Bankuti C, Stadlbauer V, Lackner C, dkk. 2013. Human Nonmercaptalbumin-2: A Novel Prognostic Marker in Chronic Liver Failure. *Ther Apher Dial*.
- Toshiki Kan, Senju Hashimoto, dkk. 2017. Increase in Albumin by Daclatasvir/Asunaprevir Therapy is Correlated with Decrease in Aspartate Transaminase. *Journal of Translational Internal Medicine*, **5(3)**, 148-154.
- Tsochatzis E. 2014. Liver Cirrhosis. *Lancet*, **383**: 1749-1761.

- Tullis JL. 1977. Albumin: Background and use. *JAMA*, **237(4)**, 355-360.
- Van Belle E, Dallongeville J, Vicaut E, Degrandart A, Baulac C, Montalescot G. 2010. Ischemia-modified Albumin Levels Predict Long-term Outcome in Patients with Acute Myocardial Infarction. *Am Heart J*, **159**, 570–576.
- Vincent JL, Dubois MJ, Navickis RJ, Wilkes MM. 2003. Hypoalbuminemia in Acute Illness: Is There A Rationale for Intervention? A Meta-analysis of Cohort Studies and Controlled Trials. *Ann Surg*, **237**, 319–334.
- Vincent JL, Navickis RJ, Wilkes MM. 2004. Morbidity in Hospitalized Patients Receiving Human Albumin: A Meta-Analysis of Randomized, Controlled Trials. *Crit Care Med*, **32**, 2029-2038.
- Visschers RGJ, Luyer MD, Schaap FG, Olde Damink SWM, Soeters PB. 2013. The Gut-liver Axis. *Curr Opin Clin Nutr Metab Care*, **16(5)**, 576-581.
- Whitehead RG, Alleyne GAO. 1971. Pathophysiological Factors of Importance in Protein-Calorie Malnutrition. *Br Med Bull*, **28**, 72-79.
- Willard MD, Tvedten H, Turnwald GH. 1999. *Small Animal Clinical Diagnosis by Laboratory Methods*. Philadelphia. WB Saunders.
- Woods MS, Kelley H. 1993. Oncotic Pressure, Albumin and Ileus: The Effect of Albumin Replacement on Postoperative Ileus. *Am Surg*, **59(11)**, 758–763.
- Wratten ML, Sereni L, Tetta C. 2001. Oxidation of Albumin is Enhanced in the Presence of Uremic Toxins. *Ren Fail*, **23**, 563–71.
- Zuliani G, Romagnoni F, Volpato S, et al. 2001. Nutritional Parameters, Body Composition, and Progression of Disability in Older Disabled Residents Living in Nursing Homes. *J Gerontology A Biol Sci Med Sci*, **56(4)**, M212-M216.