

DAFTAR PUSTAKA

- Akcan-Arikan A., Zappitelli M., Loftis LL., Jefferson LS., Goldstein SL., 2007. Modified RIFLE criteria in critically ill children with acute kidney injury. *Kidney Int*, 71, 1028-35.
- Alatas H., 2002. Anatomi dan fisiologi ginjal. Dalam: Alatas H., Tambunan T., Trihono PP., Pardede SO., penyunting. Buku ajar nefrologi anak. Edisi ke 2. Jakarta: Balai Penerbit FKUI, 1-28.
- Alkandari O., Eddington KA., Hyder A., Gauvin F., Ducruet T., Gottesman R., dkk., 2011. Acute kidney injury is an independent risk factor for pediatric intensive care unit mortality, longer length of stay and prolonged mechanical ventilation in critically ill children: a two-center retrospective cohort study. *Crit Care*, 15, 1-12.
- Alqahtani F., Foulouridis I., Susantitaphong P., Dahal K., Jaber BL., 2014. A meta-analysis of continuous vs intermittent infusion of loop diuretics in hospitalized patients. *J Crit Care*, 29, 10-7.
- Andreoli SP., 2009. Acute kidney injury in children. *Pediatr Nephrol*, 24, 253-63.
- Askenazi D., 2011. Evaluation and management of critically ill children with acute kidney injury. *Curr Opin Pediatr*, 23, 201-7.
- Ataei N., Bazargani B., Ameli S., Madani A., Javadilarjani F., Moghtaderi M., dkk., 2014. Early detection of acute kidney injury by serum cystatin C in critically ill children. *Pediatr Nephrol*, 29, 133-8.

- Bagshaw SM., Uchino S., Cruz D., Bellomo R., Morimatsu H., 2009. A comparison of observed versus estimated baseline creatinine for determination of RIFLE class in patients with acute kidney injury. *Nephrol Dial Transplant*, 24, 2739-44.
- Balley D., Phan V., Litalien C., Ducruet T., Merouani A., Lacroix J., dkk., 2007. Risk factors of acute renal failure in critically ill children: a prospective descriptive epidemiological study. *Pediatr Crit Care Med*, 8, 29-35.
- Bangash MN., Kong ML., Pearse RM., 2012. Use of inotropes and vasopressor agents in critically ill patients. *Brit J Pharmacol*, 165, 2015-33.
- Basu RK., Chawla LS., Wheeler DS., Goldstein SL., 2012. Renal angina: an emerging paradigm to identify children at risk for acute kidney injury. *Pediatr Nephrol*, 27, 1067-78.
- Basu RK., Devarajan P., Wong H., Wheeler DA., 2011. An update and review of acute kidney injury in pediatrics. *Pediatr Crit Care*, 12, 339-47.
- Basu RK., Standage SW., Cvijanovich NZ., Allen GL., Thomas NJ., Freishtat RJ., dkk., 2011. Identification of candidate serum biomarkers for severe septic shock-associated kidney injury via microarray. *Crit Care*, 15, 273-5.
- Basu RK., Wang Y., Wong HR., Chawla LS., Wheeler DS., Goldstein SL., 2014. Incorporation of biomarkers with the renal angina index for

- prediction of severe AKI in critically ill children. *Clin J Am Soc Nephrol*, 9, 654-62.
- Basu RK., Wheeler DS., 2011. Approaches to the management of acute kidney injury in children. *Recent Pat Biomark*, 1, 49-59.
- Basu RK., Zappitelli M., Brunner L., Wang Y., Wong HR., Chawla LS., dkk., 2014. Derivation and validation of the renal angina index to improve the prediction of acute kidney injury in critically ill children. *Kidney Int*, 85, 659-67.
- Bellomo R., Ronco C., Kellum J., Mehta R., Palevsky P., ADQI workgroup, 2014. Acute renal failure-definition, outcome measures, animal models, fluid therapy and information technology needs: the second international consensus conference of the acute dialysis quality initiative (ADQI) group. *Crit Care*, 8, 204-12.
- Bilan N., Galehgolab B., Emadaddin A., Shiva S., 2009. Risk of mortality in pediatric intensive care unit, assessed by PRISM-III. *Pak J Biol Sci*, 12, 480-5.
- Bouch C., Thompson J., 2008. Severity scoring systems in the critically ill. *Crit Care Pain*, 8, 181-5.
- Chang JW., Jeng MJ., Yang LY., Chen TJ., Chiang SC., Soong WJ., dkk., 2015. The epidemiology and prognostic factors of mortality in critically ill children with acute kidney injury in Taiwan. *Kidney Int*, 87, 632-9.

- Chim S., 2005. Acute renal failure: medical (non-dialytic) management. Dalam: Chiu MC., Yap HK., penyunting. Practical Pediatric Nephrology. An Update of Current Practices. Hong Kong: Medcom Limited, 227-33.
- Choi K., Ng D., Wong S., Kwok K., Chow P., Chan C., dkk., 2005. Assessment of the Pediatric Index of Mortality (PIM) and the Pediatric Risk of Mortality (PRISM) III score for prediction of mortality in a paediatric intensive care unit in Hong Kong. Hong Kong Med J, 11, 97-103.
- Faught LN., Gref MJE., Rieder MJ., Koren G., 2014. Drug-induced acute kidney injury in children. Brit J Clin Pharmacol, 80, 901-9.
- Freire KMS., Bresolin NL., Farah ACF., Carvalho FLC., Goes JE., 2010. Acute kidney injury in children: incidence and prognostic factors in critically ill patients. Rev Bras Ter Intensiva, 22, 166-74.
- Goldstein SL., 2011. Acute kidney injury biomarkers: renal angina and the need for a renal troponin I. BMC Med, 9, 135-40.
- Goldstein SL., Chawla LS., 2010. Renal angina. Clin J Am Soc Nephrol, 5, 943-9.
- Goldstein SL., Somers MJ., Baum MA., Symons JM., Brophy PD., Blowey D., dkk., 2005. Pediatrics patients with multi-organ dysfunction syndrome receiving continuous renal replacement therapy. Kidney Int, 67, 653-8.

- Herrero-Morin JD., Malaga S., Fernandez N., Rey C., Dieguez MA., Solis G., dkk., 2007. Cystatin C and beta 2-microglobulin: markers of glomerular filtration in critically ill children. *Crit Care*, 11, 59-61.
- Ho KM., Power BM., 2010. Benefits and risks of furosemide in acute kidney injury. *Anesthesia*, 65, 283-93.
- Hooman N., Nakhaii S., Sharif MR., 2014. Update on acute kidney injury in pediatrics. *J Ped Nephrol*, 2, 56-62.
- Hoste EA., Kellum JA., 2007. Incidence, classification, and outcomes of acute kidney injury. *Contrib Nephrol*, 156, 32-8.
- Hui WF., Chan KY., Miu TY., 2013. Acute kidney injury in the paediatric intensive care unit: identification by modified RIFLE criteria. *Hong Kong Med J*, 19, 13-9.
- Jacob R., 2003. Acute renal failure. *Indian J Anaesth*, 47, 367-9.
- Khan M., 2007. Ischemia. Dalam: Khan M., Solomon LW., penyunting. *Basic Human Pathology*. Boston: Tufts University, 31-4.
- Kellum JA., Bellomo R., Ronco C., 2007. The concept of acute kidney injury and the RIFLE criteria. *Contrib Nephrol*, 156, 10-6.
- Kim H., Hur M., Cruz DN., Moon HW., Yun YM., 2013. Plasma neutrophil gelatinase-associated lipocalin as a biomarker for acute kidney injury in critically ill patients with suspected sepsis. *Clin Biochemist*, 46, 1414-8.
- Leteurtre S., Wirth J., Noizet O., Magnenant E., Sadik A., Fourier C., dkk., 2004. Can generic paediatric mortality scores calculated 4 hours

- after admission be used as inclusion criteria for clinical trials? Crit Care, 8, 185-93.
- Lim WS., Van der Eerden MM., Laing R., 2003. Defining community acquired pneumonia severity on presentation to hospital: an international derivation and validation study. Thorax, 58, 377-82.
- Madder RD., Hickman L., Crimmins GM., Puri M., Marinescu V., McCullough PA., dkk., 2011. Validity of estimated glomerular filtration rates for assessment of baseline and serial renal function in patients with atherosclerotic renal artery stenosis. Circ Cardiovasc Interv, 4, 2019-225.
- Marcin J., Pollack M., 2007. Review of the acuity scoring systems for the pediatric intensive care unit and their use in quality improvement. J Intensive Care Med, 22, 131-40.
- Marlina L., Harrison D., Garna H., 2008. Perbandingan penggunaan Pediatric Index of Mortality 2 (PIM2) dan Pediatric Logistic Organ Dysfunction (PELOD), untuk memprediksi kematian pasien sakit kritis pada anak. Sari Pediatri, 10, 262-7.
- Martin SM., Balestracci A., Aprea V., Bolasell C., Wainsztein R., Debaisi G., dkk., 2013. Acute kidney injury in critically ill children: incidence and risk factors for mortality. Arch Argent Pediatr, 111, 412-7.
- Martha V., Pedro C., Einloft P., Bruno F., Rampon V., 2005. Comparison of two prognostic scores (PRISM and PIM) at a pediatric intensive care unit. J Pediatr (Rio J), 81, 259-64.

- Mehta P., Sinha A., Sami A., Hari P., Kalaivani M., Gulati A., dkk., 2012. Incidence of acute kidney injury in hospitalized children. Indian Pediatr, 49, 537-42.
- Michael M., Kuehnle I., Goldstein SL., 2004. Fluid overload and acute renal failure in pediatric stem cell transplantation patients. Pediatr Nephrol, 19, 91-5.
- Miller JL., Thomas AN., Johnson PN., 2014. The use of continuous-infusion loop diuretics in critically ill children. Prahmacother, 34, 858-67.
- Moffett BS., Goldstein SL., 2011. Acute kidney injury and increasing nephrotoxic-medication exposure in noncritically-ill children. Clin J Am Soc Nephrol, 6, 856-63.
- Netto AL., Muniz VM., Zandonade E., Maciel EL., Bortolozzo RN., Costa NF., dkk., 2014. Performance of pediatric index of mortality 2 in a pediatric intensive care unit. Rev Bras Ter Intensiva, 26, 44-50.
- Oliveira JFP., Silva CA., Barbieri CD., Oliveira GM., Zanetta DMT., Burdmann EA., 2009. Prevalence and risk factors for aminoglycoside nephrotoxicity in intensive care unit. Antimicrob Agents Chemother, 53, 2887-91.
- Piccini P., Cruz DN., Gramaticopolo S., Dalsanto M., Aneloni G., Rocco M., dkk., 2011. Prospective multicenter study on epidemiology of acute kidney injury in the ICU: a critical care nephrology Italian collaborative effort (NEFROINT). Minerva Anestesiol, 77, 1072-83.

- Pol PT., Galan CR., Villanueva JAM., Martinez-Camblor P., Lopez-Herce J., 2015. Severe acute kidney injury in critically ill children: epidemiology and prognostic factors. *An Pediatr*, 9, 9-18.
- Polat M., Fidan K., Derinoz O., Gonen S., Soylemezoglu O., 2013. Neutrophil gelatinase-associated lipocalin as a follow-up marker in critically ill pediatric patients with established acute kidney injury. *Ren Failure*, 35, 352-6.
- Prasetyo RV., Noer MS., Soemyarso NA., Subandiyah K., 2014. Gangguan ginjal akut pada anak. Dalam: Noer MS., Soemyarso NA., Subandiyah K., Prasetyo RV., penyunting. Rekomendasi Gangguan Ginjal Akut Pada Anak. Jakarta: Balai Penerbit Ikatan Dokter Anak Indonesia, 3-14.
- Prasetyo RV., Saraswati PD., Kamaya IDAAS., Sudjito SE., Kurniawan MR., Lestari DP., dkk., 2014. Incidence and outcome of acute kidney injury in critically ill children at Dr. Soetomo hospital Surabaya. *Pediatr Indones*, 51, sup. 235.
- Ricci Z., Ronco C., 2012. New insight in acute kindey failure in the critically ill. *Swiss Med Wkly*, 142, 1-8.
- Roesli RMA., 2011. Diagnosis klinik dan etiologi klinik gangguan ginjal akut. Dalam: Roesli RMA, penyunting. Diagnosis dan pengelolaan gangguan ginjal akut. Jakarta: Puspaswara, 39-60.

Romanovsky A., Morgan C., Bagshaw SM., 2014. Patophysiology and management of septic acute kidney injury. *Pediatr Nephrol*, 29, 1-12.

Schneider J., Khemani R., Grushkin C., Bart R., 2010. Serum creatinine as stratified in the RIFLE score for acute kidney injury is associated with mortality and length of stay for children in the pediatric intensive care unit. *Crit care Med*, 38, 933-9.

Schrier RW., Wang W., Poole B., Mitra A., 2004. Acute renal failure: definitions, diagnosis, pathogenesis, and therapy. *J Clin Invest*, 114, 5-14.

Sethi SK., Raghunathan V., Raina R., Kumar M., Dhaliwal M., Sharma J., dkk., 2014. Fluid overload and renal angina index are associated with worse outcomes in critically ill children. *Pediatr Nephrol*, 29, 2425-45.

Siew ED., Furth SL., 2014. Acute kidney injury: a not so silent disease. *Kidney Int*, 85, 494-5.

Singbartl K., Kellum JA., 2012. AKI in the ICU: definition, epidemiology, risk stratification, and outcomes. *Kidney Int*, 81, 819-25.

Soler YA., Nieves-Plaza M., Prieto M., Gracia-de Jesus R., Suarez-Rivera M., 2013. pRIFLE (pediatric risk, injury, failure, loss, end stage renal disease) score identifies acute kidney injury and predicts mortality in critically ill children: a prospective study. *Pediatr Crit Care Med*, 14, 189-95.

- Taori R., Lahiri K., Tullu M., 2010. Performance of PRISM (Pediatric Risk of Mortality) score and PIM (Pediatric Index of Mortality) score in a tertiary care pediatric ICU. Indian J Pediatr, 77, 267-71.
- Thadani R., Pascual M., Bonventre JV., 1996. Acute renal failure. N Engl J Med, 334, 1448-60.
- Vaidya VS., Ferguson MA., Bonventre JV., 2008. Biomarkers of acute kidney injury. Ann Rev Pharmacol Toxicol, 48, 463-93.
- Washburn KK., Zappitelli M., Arikan AA., Loftis L., Yalavarthy R., Parikh CR., dkk., 2008. Urinary interleukin-18 is an acute kidney injury biomarker in critically ill children. Nephrol Dial Transplant, 23, 566-72.
- Weissman C., 1990. Metabolic response to stress: an overview and update. Anest J, 73; 308-27.
- Wheeler DS., 2013. Oxidative stress in critically ill children with sepsis. Open Inflamm J, 4, 74-81.
- Wheeler DS., Devarajan P., Ma Q., Harmon K., Monaco M., Cvijanovich N., dkk., 2008. Serum neutrophil gelatinase-associated lipocalin (NGAL) as a marker of acute kidney injury in critically ill children with septic shock. Crit Care Med, 36, 1297-1303.
- Yap HK., Ng KH., Resontoc LPR., 2012. Acute kidney injury. Dalam: Yap HK., Liu ID., Tay WC., penyunting. Pediatric Nephrology On The Go. Singapura: Shaw Foundation, 1-2.

Zappitelli M., Washburn KK., Arikhan AA., Loftis L., Ma Q., Devarajan P., dkk., 2007. Urine neutrophil gelatinase-associated lipocalin is an early marker of acute kidney injury in critically ill children: a prospective cohort study. Crit Care, 11,84-7.

