

## DAFTAR PUSTAKA

1. Dellinger RP, Levy MM, Rhodes A, Annane D, Gerlach H, Opal SM, *et al.* Surviving Sepsis Campaign: International Guidelines for Management of Severe Sepsis and Septic Shock, 2012. *Crit Care Med.* 2013 Feb; 41:580–637.
2. Singer M, Deutschman CS, Seymour CW. The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). *The Jama Net.* 2016 Feb 23;315(8):801-810.
3. Guntur A. Sepsis. Dalam: Setiawati S, Alwi I, Sudoyo A, Simadibrata M, Setiyohadi B, Syam A, editors. *Buku Ajar Ilmu Penyakit Dalam.* Edisi VI. Jakarta: Interna Publishing; 2014.
4. Martin GS, Mannino DM, Eaton S, Moss M. The Epidemiology of Sepsis in the United States from 1979 through 2000. *NEJM.* 2003 April 17; 348:1546-1554.
5. Shiferaw B, Bekele E, Krishan K, Boutin A, Frieri M. *Journal of Infectious Diseases and Epidemiology: The Role of Procalcitonin as a Biomarker in Sepsis.* *Clin Med.* 2016;Vol 2:2-4.
6. Finfer S, Bellomo R, Lipman J, *et al.* Adult-population incidence of severe sepsis in Australian and New Zealand intensive care units. *Intensive Care Med.* 2004;30:589-96. 10.1007/s00134-004-2157-0.
7. Martin GS. Sepsis, Severe sepsis and septic Shock: changes in incident, pathogens and outcomes. *NIH Public Access.* 2012 Jun;10(6):701-706.
8. Phua J, Koh YS, Du B, Tang YQ, Divatia JV, Gomersall CD, *et al.* Management of severe sepsis in patients admitted to Asian intensive care units: prospective cohort study. *BMJ.* 2011 [cited 2013 dec 9];342:d3245. Available from: BMJ.
9. Levy MM, Dellinger RP, Townsend SR, Linde-Zwirble TW, Marshall JC, Bion J, *et al.* The Surviving Sepsis Campaign: results of an international guideline-based performance improvement program targeting severe sepsis. *Intensive Care Med.* 2010;36:222-31. 10.1007/s00134-009-1738-3.
10. Hendriyaningtyas, RH Banundari, KS Indranila, Budiwiyo I. Serum Procalcitonin, CRP and Presepsin in SIRS. *IJCPML.* 2014 Jul;20(3):183-191.
11. Hidayati, Arifin H, Raveinal. Kajian Penggunaan Antibiotik pada Pasien Sepsis dengan Gangguan Ginjal. *Jurnal Sains Farmasi & Klinis.* 2016 May 1; 2(2):129-137.

12. Sugiman T. Biomarker sepsis. *Majalah Kedokteran Terapi Intensif*. 2013 Jul 3; 3(3):3-20.
13. Angus DC, Poll T. Severe Sepsis and Septic Shock. *Critical Care Medicine*. NEJM. 2013;369(9):840-851.
14. Lever A, Mackenzie. Sepsis: Definition, Epidemiology and Diagnosis. *BMJ*. 2007;335:879-883.
15. Octavia S. Hubungan antara leukosit dan procalcitonin sebagai biomarker sepsis di rumah sakit umum pusat Haji Adam Malik bulan Agustus-Oktober 2015 Medan. (karya tulis ilmiah). Sumatera Utara: Fakultas Kedokteran Universitas Sumatera Utara; 2015.
16. Murzalina C. Procalcitonin pada pasien sepsis yang telah mendapat perawatan di ruang rawat intensif. (Tesis). Sumatera Utara: Fakultas Kedokteran Universitas Sumatera Utara; 2008.
17. Vincent JL, Moreno R, Takala J, Willats S, De Mendonca A, Bruining H, *et al*. The SOFA (Sepsis-related Organ Failure Assessment) score to describe organ dysfunction/failure. On behalf of the Working Group on Sepsis-Related Problems of the European Society of Intensive Care Medicine. *Intensive Care Med*. 1996;22:707-10.
18. Pangalila FJV, Sugiman T, Editors. Penatalaksanaan sepsis dan syok septik: Surviving Sepsis Campaign Bundle. Jakarta;2015.
19. Sukrisman L, Tambunan KL, Suhendro, Sukmana N. Diagnosis of disseminated intravascular coagulation in sepsis scoring system of a thrombosis-hemostasis center. *Acta Med Indones*. 2004; 36(1):19-25.
20. Pradipta IS. Evaluation of antibiotic use in sepsis patients at ward of internal medicine Dr. Sardjito Hospital, Yogyakarta September-November 2008. M.Sc Thesis, Faculty of Pharmacy, Universitas Gadjah Mada, Indonesia. 2009.
21. Tambajong R, Lalenoh DC, Kumaat L. Profil Penderita Sepsis di ICU RSUP. Prof. Dr. RD. Kandaou Menado periode Desember 2014-November 2015: Universitas Sam Ratulangi Manado;2015.
22. Angus DC, Poll T. Severe Sepsis and Septic Shock. NEJM. 2013 Agus 29;369:840-851.
23. National Clinical Effectiveness Committee (NCEC). Sepsis Management National Clinical Guideline No.6, An Roine Slainte Departement of health, Ireland; 2014 Nov.
24. Russel JA. Management of Sepsis. NEJM. 2006;355:1699-713.

25. Meisner M, Update on Procalcitonin Measurement. *Ann Lab Med.* 2014; 34(4):263-27.
26. Muller B, White JC, Nylén ES, Snider RH, Becker KL, Habener JF. Ubiquitous expression of the calcitonin-receptor-like receptor 1 gene in multiple tissues in response to sepsis. *J Clin Endocrinology Metab.* 2001 Jan;86(1):396-404.
27. Linscheid P, Seboek D, Nylén ES, Langer I, Schiatter M, Becker KL, *et al.* In vitro and in vivo calcitonin receptor-like receptor 1 gene expression in parenchymal cells: a novel product of human adipose tissue. *Endocrinology* 2003 Dec;144(12):5578-5584.
28. PubMed Health. The U.S. *National Library of Medicine* (NLM)-The world's Largest Medical Library. <https://www.ncbi.nlm.nih.gov/pubmedhealth/PMHT0022046/>-Diakses Desember 2015.
29. Richert E, Goyette, Nigel S, Wesley EE. Hematologic changes in Sepsis and Their Therapeutic Implications. *Seminar in respiratory and critical care medicine.* 2004;25(6):645-649.
30. Abramson N, Melton B. Leukocytosis: Basics of Clinical Assessment. *Am Fam Physician.* 2000 Nov 1;62(9):2053-2060.
31. Inoue S. Leukocytosis. <https://emedicine.medscape.com/article/956278-overview#a5>. pdf- updates May 01, 2017.
32. Muller WA. Getting Leukocytes to the Site of Inflammation. *NIH Public Access. Vet Pathol.* 2013 January;50(1):7–22.
33. Lee R, Lukens J, Greer J, Rodgers GM, Foerster J, Paraskevas F. Wintrobe's Clinical Hematology. In: Skubitz KM, editors. Neutrophilic Leukocytes. 10<sup>th</sup> ed. USA: Pennsylvania Media; 1999. P. 300-415
34. Castelli G, Pognani C, Meisner M, Stuani A, Bellomi D, Sgarbi L. Procalcitonin and C-reactive protein during systemic inflammatory response syndrome, sepsis and organ dysfunction. *Crit Care.* 2004 Jun 10; 8(4): R234–R242.
35. Zhou J, Qian C, Zhao M, Yu X, Kang Y, Ma X, *et al.* Epidemiology and Outcome of Severe Sepsis and Septic Shock in Intensive Care Units in Mainland China. *PLoS One.* 2014 Sep 16; 9(9): e107181.
36. Putri Y. Faktor Risiko Sepsis pada Pasien Dewasa di RSUP. DR. Kariadi. (jurnal media medika muda). Semarang: Fakultas Kedokteran Universitas Diponegoro; 2014.

37. Angele MK, Pratscke S, Hubbard WJ, Chaudry IH. Gender differences in sepsis Cardiovascular and immunological aspects. *Virulence*. 2014 Jan 1; 5(1): 12–19.
38. Angus DC, Linde-Zwirble WT, Lidicker J, Clermont G, Carcillo J, Pinsky MR. Epidemiology of severe sepsis in the United States: Analysis of incidence, outcome, and associated costs of care. *Crit Care Med*. 2001;29(7)
39. Szederjesi J, Almasy E, Lazar A, Hutanu A, Badea I, Georgescu A. An Evaluation of Serum Procalcitonin and C-Reactive Protein Levels as Diagnostic and Prognostic Biomarkers of Severe Sepsis. *The Journal of Critical Care Medicine*. 2015;1(4):147-153.
40. Nargis W, Ibrahim MD, Ahamed BU. Procalcitonin versus C-reactive protein: Usefulness as biomarker of sepsis in ICU patient. *Int J Crit Illn Inj Sci*. 2014 Jul-Sep; 4(3): 195–199.
41. Rahmawati MA. Angka kejadian pneumonia pada pasien sepsis di ICU RSUP Dr. Kariadi Semarang. (Karya tulis ilmiah). *Jurnal media medika muda*. Semarang: Fakultas Kedokteran Universitas Diponegoro; 2014
42. Zhang H, Wang X, Zhang Q, Xia Y, Liu D. Comparison of procalcitonin and high-sensitivity C-reactive protein for the diagnosis of sepsis and septic shock in the oldest old patients. *BMC Geriatr*. 2017 Aug 1; 17: 173.
43. Engel C, Brunkhorst FM, Bone H-G, Brunkhorst R, Gerlach H, Grond S, *et al*. Epidemiology of sepsis in Germany: results from a national prospective multicenter study. *Intensive Care Med*. 2007;33:606–18.
44. Tambajong RN, Lalenoh DC, Kumaat L. Profil Penderita Sepsis di ICU RSUP Prof. Dr. R. D. Kandou Manado Periode Desember 2014 – November 2015. (Skripsi). Manado: Fakultas Kedokteran Universitas Sam Ratulangi Manado; 2015
45. Castelli GP, Pognani C, Cita M, Stuani A, Sgarbi L, Paladini R. Procalcitonin, C-Reactive Protein, White blood Cells, and SOFA Score In ICU: Diagnosis and Monitoring of Sepsis. *Minerva Anesthesiol*. 2006;72:69-80
46. Prima A, Saputra WH. Procalcitonin as a biomarker of severity degree in sepsis due to pneumonia. *American Journal of Internal Medicine*. 2016 Oct 28;4(1):19-23
47. Nargis W, Ibrahim MD, Ahamed BU. Procalcitonin versus C-reactive protein: Usefulness as biomarker of sepsis in ICU patient. *nt J Crit Illn Inj Sci*. 2014 Jul-Sep;4(3):195–199.

48. Harbarth S, Holeckova K, Froidevaux C, Pittet D, Ricou B, Grau GE, *et al.* Diagnostic Value of Procalcitonin, Interleukin-6, and Interleukin-8 in Critically Ill Patients Admitted with Suspected Sepsis. *Am J Respir Crit Care Med.* 2001 Aug 1;164(3):396-402
49. Buchori, Prihatini. Diagnosis Sepsis Menggunakan Prokalsitonin. Indonesian Journal of Clinical Pathology and Medical Laboratory. 3 Juli 2006;12(3):131-137
50. Balci C, Sungurtekin H, Gurses E, Sungurtekin U, Kaptanoglu B. Usefulness of procalcitonin for diagnosis of sepsis in the intensive care unit. *Critical Care.* 2002 Oct 30;7:85
51. Hatherrill M, Tibby SM, Sykes K, Turner C, Murdoch IA. Diagnostic marker of infection: Comparison of procalcitonin with CRP and Leucocyte count. *Arch Dis Child.* 1999 June 23;81:417-421

