

Daftar Pustaka

1. Harison DA, Welch CH, Eddleston JM. The epidemiology of severe sepsis in England, Wales and Northern Ireland, 1996 to 2004: Secondary analysis of a high quality clinical database, the ICNARC Case Mix Programme Database. *Critical Care*. 2006;10(2):1-10.
2. Tambajong, Rheza N, Lalenoh DC, Kumaat L. Profil Penderita Sepsis Di ICU RSUP Prof. Dr. R. D. Kandou Manado Periode Desember 2014 - November 2015. *Jurnal e-Clinic (eCL)*. 2016;4(1):452-457.
3. Instalasi Rekam Medik RSUP Dr. M Djamil Padang. Data rekam medik sepsis tahun 2013 bagian rawat jalan. Padang: RSUP Dr. M Djamil; 2013.
4. Instalasi Rekam Medik RSUP. Dr. M Djamil Padang. Data rekam medik sepsis tahun 2016 bagian rawat jalan. Padang: RSUP Dr. M Djamil; 2016.
5. Instalasi Rekam Medik. RSUP. Dr. M Djamil Padang. Data rekam medik sepsis tahun 2017 bagian rawat jalan. Padang: RSUP Dr. M Djamil; 2017.
6. Zainumi CM, Prasetya RJ. Korelasi Skor Modified Sequential Organ Failure Assesment dengan Kadar Superoksida Dismutase dan Vitamin D Serum pada Pasien Sepsis. *Jurnal Anestesi Perioperatif*. 2018;6(1):7-12.
7. Nugroho A, Suwarman, Nawawi AM. Hubungan antara Rasio Neutrofil-Limfosit dan Skor Sequential Organ Failure Assesment pada Pasien yang Dirawat di Ruang Intensive Care Unit. *Jurnal Anestesi Perioperatif*. 2013;1(3):189-196.
8. Moreno R, Takala J, Willatts S, Mendonca AD, Bruining H, Reinhart CK, *et al*. The SOFA (Sepsis-related Organ Failure Assessment) score to describe organ dysfunction/failure on behalf of the Working Group on Sepsis. *Intensive Care Medicine*. 1996;(22):707-710.
9. Irmayanti, Nurulita A, Sennang N. Rasio neutrofil/limfosit pada demam berdarah dengue. *Indonesian Journal Of Clinical Pathology and Medical Laboratory*. 2017;23(3):234-239.
10. Singer M, Deutschman CS, Seymour C, Hari MS, Annane D, Bauer M, *et al*. The third international consensus definitions for sepsis and septic shock (sepsis-3). *Journal American Medical Association*. 2016;315(8):801-810.
11. Guntur A. Sepsis. Dalam: Setiati S, Alwi I, Sudoyo AW, Setiyohadi B, Simadibrata M. editors. *Buku Ajar Ilmu Penyakit Dalam*. Edisi ke-6. Jakarta: Internalpublishing; 2014. 1862-1865.
12. Enrione MA, Powell KR. Nelson textbook of pediatric. Dalam: Kliegman RM, Behrman RE, Jenson HB, Stanton BF, editors. *Sepsis, septic shock, and systemic*

- inflammatory response syndrome. Edisi ke-18. Philadelphia: WB Saunders; 2007:1094-9.
13. Dellinger RP, Levy MM, Rhodes A, Annane D, Gerlach H, Opal SM. Sepsis Campaign: International guidelines for management of severe sepsis and septic shock: 2012. *Crit Care Medicine*. 2013;41:580-637.
 14. Angus DC, Poll TVD. Severe sepsis and septic shock. *New England Journal Of Medicine*. 2013;369:840-851.
 15. Amir I, Rundjan L. Pemberian antibiotik secara rasional pada sepsis neonatorum. Jakarta: Fakultas Kedokteran Universitas Indonesia; 2005.
 16. Menteri Kesehatan Republik Indonesia. Keputusan menteri kesehatan republik indonesia nomor HK.01.07/MENKES/342/2017 tentang pedoman nasional pelayanan kedokteran tata laksana sepsis. Jakarta: Menkes RI; 2017.
 17. Dorland N. Kamus Kedokteran Dorland. Edisi 31. Mahode AA, editor. Jakarta:EGC;2012.1477
 18. Yuntoharjo P, Nahwa A, Hardian. Perbandingan Antara Nilai Rasio Neutrofil-Limfosit (NLCR) Pada Anak Dengan Demam Dengue dan Demam Berdarah Dengue. *Jurnal Kedokteran Diponegoro*. 2018;7(2):801-812.
 19. Kiswari R. Hematologi dan transfusi. Jakarta: Erlangga;2014.
 20. Riswanto. Pemeriksaan Laboratorium Hematologi. Yogyakarta: Alfabedia dan Kanal Media;2013.
 21. Seymour CW, Liu VX, Iwashyna TJ, Brunkhorst FM, Rea TD, Scherag A, *et al*. Assessment of clinical criteria for sepsis for the third international consensus definition for sepsis and septic shock (sepsis-3). *Journal American Medical Association*. 2016;315(8):762-774.
 22. Zahorec R. Ratio of neutrophil to lymphocyte counts-rapid and simple parameter of systemic inflammation and stress in critically ill. *Bratislava Medical Journal*.2001;102(1):5-14.
 23. Nader ND. Neutrophilia. *Medscape*.2013;329(1):1-8.
 24. Nwakoby IE, Reddy K, Patel P, *et al*. Fas- Mediated Apoptosis of Neutrophil in Sera of Patients with Infection. *Infection and Immunity*.2001;69(5):3343-3349.
 25. Sherwood L. Darah. In : Yesdelita N, editor. *Fisiologi Manusia Dari Sel ke Sistem*. edisi 6. Jakarta. EGC.2013.432-433.
 26. Thomson AD, Catton RE. Hematologi. In: Melfiwati, editor. *Catatan Kuliah Patologi*. edisi 3. EGC.1997.501

27. Chairlan, Lestari E. Hematologi. In: Mahode AA, editor. Pedoman Teknik Dasar Untuk Laboratorium Kesehatan. edisi 2. Jakarta: EGC. 2011. 310.
28. 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*.
29. 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 Medicine*. 2013 Feb; 41:580–637.
30. Hubungan *Red Cell Distribution Width* (RDW), *Neutrofil - Limfosit Ratio* (NLR), *Mean Platelet Volume* (MPV) dengan Skor *Sequential Organ Failure Assessment* (SOFA) pada Pasien Sepsis di RSUD DR. Moewardi Surakarta. https://eprints.uns.ac.id/42396/1/S961408008_abstrak.pdf Diakses Februari 2019.
31. Martin GS, Mannino DM, Eaton S, Moss M. The Epidemiology of Sepsis in the United States from 1979 through 2000. *The New England Journal of Medicine*. 2003; 348(1): 1546-1554.
32. Finfer S, Bellomo R, Lipman J, French C, Dobb G, Myburgh J. Adult- Population Incidence of Severe Sepsis in Australian and New Zealand Intensive Care Units. *Intensive Care Medicine*. 2004;30(1):589-596.
33. 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; 9(9):1-8.
34. Angele MK, Pratscke S, Hubbard WJ, Chaudry IH. Gender differences in sepsis Cardiovascular and immunological aspects. *Virulence*. 2014 Jan 1;5(1): 12–19.
35. O'brien JM, Lu B, Ali NA, Martin GS, Aberegg SK, Marsh CB, *et al.*, Alcohol dependence is independently associated with sepsis, septic shock, and hospital mortality among adult intensive care unit patients. 2007;35(2):345–50.
36. Macgregor R. Alcohol and Immune Defense. *Journal American Medical Association*. 1986;256(11):1474-9
37. Sopori M. Effects of cigarette smoke on the immune system. 2002;2:372–7.
38. Wichmann MW, Muller C, Meyer G, Angele MK, Eisenmenger SJ, Schildberg SJE, Adam M. Different immune responses to abdominal surgery in men and women. *Langenbecks Arch Surg*. 2003;397–401.
39. Szedejesi 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. *Critical Care Medicine*. 2015;1(4):147-153.

40. 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 Medicine*.2001;29(7)
41. 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 Geriatrics*.2017. 17(1):1-6.
42. Ibrahim EH, Sherman G, Ward S, Fraser VJ, Kollef MH. The Influence of Inadequate Antimicrobial Treatment of Bloodstream Infections on Patient Outcomes in the ICU Setting. *Critical Care*. 2000;118(1):146-155.
43. Esper AM, Moss M, Lewis CA, Nisbet R, Mannio DM, Martin GS. The Role of Infection and Comorbidity: Factor that Influence Disparities in Sepsis. *Critical Care Medicine*.2006;34(10):2576-2582.
44. Jeger CP, WijkPT, Mathoera RB, Leuvenink JL, Poll T, Wever PC. Lymphocytopenia and Neutrophil – Lymphocyte Count Ratio Bacteremia Better Than Conventional Infection markers in an Emergency Care Unit.*Critical Care*.2010;14(1):1-8.
45. Liu X, Shen Y, Wang H, Ge Q, Fei A, Pan S. Prognostic Significance of Neutrophil-to-Lymphocyte Ratio in Patients with Sepsis: A Prospective Observational Study.*Hindawi Publishing Corporation*.2016;9(1):1-8.
46. Jager CPC. Lymphocytopenia and neutrophil-lymphocyte count ratio predict bacteremia better than conventional infection markers in an emergence unit, *Critical care medicine*. 2010; 1–8.
47. Parrino, Hotchkiss, Bray M. Prevention of immune cell apoptosis as potential therapeutic strategy: lymphocyte apoptosis in sepsis, *Emerging infectious diseases*, 2007; 13(2): 191–198.
48. Jones AE, Trzeciak S, Kline JA. The Sequential Organ Failure Assessment Score for Predicting Outcome in Patients with Severe Sepsis and Evidence of Hypoperfusion at the Time of Emergency Department Presentation. *Crit Care Medicine*. 2009; 37(5): 1649-1654.
49. Shabir A, Maqbool M. Accuracy of SOFA Score in Predicting Outcome in Medical Patients with Various Diagnosis in Intensive Care Unit in a Tertiary Care Hospital in Northern India. *International Journal of Contemporary Medical Research*.2017;4(1):168-172.
50. Irwan I, Gaus S, Arif SK. Korelasi Skor SOFA dengan Kadar Laktat Darah dan C-Reactive Protein pada Pasien Sepsis. *Majalah Kedokteran Terapi Intensif*.2012;2(4):1-8.
51. Ferreira FL, Bota DP, Bross A, Melot C, Vincent JL. Serial Evaluation of the SOFA Score to Predict Outcome in Critically Ill Patients. *Journal American Medical Association*. 2001; 280(14):1754-1758.

52. Zahorec R. Ratio of neutrophil to lymphocyte counts-rapid and simple parameter of systemic inflammation and stress in critically ill. Bratisl Lek Listy.2001;102(1):5–14.
53. Xing-hai Chen, Yong-jie Yin, Jing-xiao Zhang. Sepsis and immune response. World J Emerg Med. 2011;2:88–92.
54. Fabiano PS, Victor N. Cell death during sepsis : integration of disintegration in the inflamatory response to overwhelming infection. Apoptosis. 2009;14:509–21.
55. Jacqueline P, Bryony C. An overview of the immune system. Lancet. 2001;357:1777-90.

