

## DAFTAR PUSTAKA



Adegoke AA, Stenstrom A, dan Okoh IA, 2017. *Stenotrophomonas maltophilia* as an emerging ubiquitous pathogen: looking beyond contemporary antibiotic therapy. Front microbial, 2017.

Agustini NM, Wati DK, Suparyatha IBG, Hartawan NB, Utama DL, Budayanti NS dan Tunas IK, 2018. The relationship between bacterial types and antibiotic resistance with the clinical outcomes of sepsis patients in pediatric intensive care unit at Sanglah hospital, Denpasar Bali-indonesia. Indonesian journal of biomedical science,2018, 12 (1):13-18.

Ali E dan Osman A, 2013. Acute urinary tract infections in children in Khartoum state: pathogen, antimicrobial susceptibility and associated risk factor, Arab journal of nephrology and transplantation, 2 (2):11-16.

Alotaibi MG, Rahman S, Al-Shalaan MA dan Omar A, 2015. Frequency of nosocomial infections in pediatric intensive care unit at king abdul aziz medical city Riyadh, Saudi Arabia. Journal of infectious diseases and therapy. (3): 234-41.

Australian commission on safety and quality in health care, 2013. Spesification for hospital cumulative antibiogram. Diunduh dari <https://www.safetyandquality.gov.au/>. 23 mei 2019.

Aygun F, Fatma AD, Varol F, et.al.,2019. Can Nebulized colistin therapy improve outcome in critically ill children with multidrug resistance gram negative bacterial pneumonia? Antibiotiks 8(40):1-10.

Balikci M, Belaz Z, dan Eren TA, 2013. (Blood culture positivity:is it pathogen or contaminant?), Mikrobiyol Bul.47(1):135-40.

Barraud N, Kelso MJ, Rice S, et.al.,2015. Nitric oxide: a key mediators of biofilm dispersal in infectious diseases. Curr pharm Des. (21):31-42.

Baraboutis IG, Tsagalaou PE, Ilias P et.al.,2011. Leght of exposure to the hospital environment is more important than antibiotik exposure in healthcare associated infections by methicillin-resistant staphylococcus aureus: a comparative study. Braz J Infect, 15 (5): 25-36.

Barry IB, Eisenstein ME, Mosellio SR, dan Vincent YA, 2013. Establishment of infectious diseases, Schaeter's mechanism of microbiology disease,5<sup>th</sup> edition, Wolter Kluwer-Lippincott Williams & Wilkins, part one; 3-11.

Baskin MN, Goh XL, Heaney MM, and Harper MB.2012. The prevalence of serious bacterial infections by age in febrile infants during the first 3 months of life. Pediatric annals,22(8): 462-466.

- Batlivala SK, 2009. Focus on diagnosis: the erythorocyte sedimentation rate and the c-reactive protein test, pediatrics in review, J Pediatr; 30: 72.
- Behzadnia S, Davoudi A, and Ahangarkani F, 2014. Nosocomial infection in pediatric population and antibiotik resistance of the causative organism in north of Iran. Iranian red cresc med j,2:1-17.
- Berezin EN, dan Solorzano F, 2014. Gram negative infection in pediatric and neonatal intensive care unit of Latin America. J.Infect dev.tries (8):942-53.
- Bell JM, Turnidge JD, Gales AC, Pfaller MA, dan Jones RN. 2012. Prevalence of extended spectrum beta-lactamase (ESBL) producing clinical isolates in the Asia-Pacific region and South Africa: regional results from SENTRY Antimicrobial surveillance program. Diagnostic Microbiology and Infectious Disease. 42:193-8.
- Bochud PY dan Calandra T, 2013. Patogenesis of sepsis: new concept and implication for future treatment. BMJ,326:262-7.
- Boggan JC, Navar-boggan AM dan Jhaveri R, 2012. Pediatric specific antimicrobial susceptibility data and empiric antibiotik selection. Pediatrics. 130:615-22.
- Bourbeau PP dan Pohlman JK, 2008, Three days of incubation may be sufficient for routine blood cultures with BacT/Alert FAN blood culture bottles. Clin Microbiol.39:6:2079-82.
- Braun E dan Paul M, 2014. Predominan of gram negative bacilli among patients with catheter related bloodstream infection. Clinical microbiology and infection, vol.20,10:1024-28. 36.
- Cai FX, Sun JM, Wen LB et.al., 2012. Risk factor and antibiotik resistance of pneumonia caused by multidrug resistant Acinetobacter baumannii in pediatric intensive care unit, World J of emerg med, 3 (3):202-7.
- Camilla S, Carlos A, Lital M, Sulim A, Eduardo J, 2012. The epidemiological profile of Pediatric Intensive Care Center at Hospital Israelita Albert Einstein. Einstein, vol 10; 6-21.
- Caselli D dan Paolicchi O, 2012. Empiric antibiotik therapy in achild with cancer and suspected septicemia. Pediatr Reports,4:5-10.
- Ceire C, Chris M, Andrew L, David M, Alastair D, 2010. Effect of antibiotik prescribing in primary care on antimicrobial resistance in individual patient: systematic review and meta analysis.BMJ.23; 340:c2906.
- Chan TM, dan Gu FZ, 2011. Early diagnosis of sepsis using serum biomarkers. Expert Rev Mol Diagn; 11:487-96.

- Chawla K, Viswanath S, Gupta A. *Stenothropomonas maltophilia* in lower respiratory tract. Journal of clinical and diagnosis research, 2014;8:12-19.
- Chi L, Feng WY, Lin AW, et.al.,2018. Clinical characteristics and etiology of bacterial meningitis in Chinese children > 28 days of age, January 2014-december 2016: A multi center retrospective study, Internatonal journal of infectious diseases (74): 47-53.
- Christensen RW, Baer VY, dan Gordon PP, 2012. Reference ranges for lymphocyte counts of neonates: associations between abnormal counts and outcomes. Pediatrics, volume 2; 129-45.
- Collins A, 2011. Preventing health care associated infections definitions of health care-asssociated infections, preventing health care-asssociated infections, NCBI Bookshelf, 2;1-29.
- Connie RD, Donald CD, dan George MT, 2015. Bacterial cell structure, physiology, metabolism, and genetics, textbook of diagnostic microbiology— fifth edition. Saunders, An Imprint of Elsevier, inc, 2-18.
- Connell TG, Rele M, Cowley D, Buttery JP, dan Curtis N, 2013. How reliable is a negative blood culture result? Volume of blood submitted for culture in routine practice in a children's hospital, Pediatric (5):891-6.
- David GD, Mike BC, Richard SS, dan Will IT, 2016. Medical microbiology, a guide to microbial infection: pathogenesis, immunity, laboratory investigation and control. 18<sup>th</sup> edition, Elsevier ltd, 9-23.
- Deborah L, 2019. Pediatric pneumonia: when is it worth getting a blood culture?, NEJM, journal wacth.(12):34-45.
- Dellinger RP, Levy M, dan Rhodes A, 2012. Surviving sepsis campaign : international guidelines for management of severe sepsis and septic shock: Crit Care Med, 41:580-637.
- Dellit TM, Owens RS, dan Mc Gowan JT, 2013. Infectious diseases society of america and the society for healthcare epidemiology of america: guidelines for developing an institutional program to enhance antimicrobial stewardship. Clin Infect Dis, 44:159-77.
- Deutschman CK, dan Tracey KE, 2014. Sepsis: current dogma and new perspectives. Immunity 40:463-75.
- Devang JD, Brent G, dan Craig AM, 2016. Pediatric urinary tract infections: diagnosis and treatment. RACGP, Vol 45, (8):558-63.

- Ergul AB, Halit I, Torun YA et.al., 2016. A retrospective evaluation of blood culture in a pediatric intensive care unit: a three years' evaluation. Trkish archieves of pediatrics, (5): 324-32.
- Eyal Z, Daniel H, Orly T et.al. 2013. Health-care associated infection, a meta-analysis of cost and financial impact on the US health-care system. Jama intern med,173 (22) 2039-96.
- Fainareti NM, Ioannis MK, Panayiotis DG, dan Eleftherios M, 2014. MRSA colonisation and risk of infection in neonatal and pediatric ICU: a meta-analysis, pediatric, AAP News & Journal,vol.133; 23-9.
- Ferreira OT, Koto YR, Leite CF, Klautau BG, Nigro S, Silva BC, Souza FI, et.al. Microbial investigation of biofilm recovered from endotracheal tubes using sonication in intensive care unit pediatric patients. Braz j infect dis, 2016 (20) 1678-84.
- Francesco CT, dan Guido F, 2015. Cellular basic pharmacology; general and molecular pharmacology, principles of drug action, Wiley. 21-35.
- Founou RC, Founou LL, Essack SY, 2017. Clinical and economic impact of antibiotik resistance in developing countries: A systematic review and meta-analysis. Plos one,12; e0189621.
- Georges GS, Mario VM, dan Kathryn LS, 2016. General approaches to identification of aerobic gram negative bacteria, manual of clinical microbiology, ASM Press, Washington DC, 11th edition, 350-54.
- Goldstein B, Giroir B dan Randolp A, 2005. Microbial spectrum and susceptibility patterns of pathogens causing bacteremia in pediatric febrile neutropenic oncology patients: comparison between two consecutive time periods with use of different antibiotik treatment protocol. Int J Antimicrob Agents, 25;469-73.
- Gomez BJ, Bressan SA, Mintegi SN, Da Dalt C, Blazquez D, dan Olaciregui K, 2012. Diagnostic value of procalcitonin in well-appearing young febrile infants. Pediatrics, 815-22.
- Gupta S, dan Kashyap B, 2016. Bacteriological profile and antibiogram of blood culture isolates from a tertiary care hospital of north India. Trop j med res, 19:94-9.
- Gryus EB, Toussaint MO, Niewold T, dan Koopmans SI, 2005. Acute phase reaction and acute phase proteins. J Zhejiang Univ Sci, 11:1045-56.
- Gustawan WM, Bhindra K, Idham AN, dan Dalima AK, 2014. Gambaran infeksi *Acinetobacter baumannii* dan pola sensitifitasnya terhadap antibiotik. Sari Pediatri, vol 16,no.1, 12-9.

- Hadi UA, Duerink OL, dan Lestari S, *et al.* 2008. Audit of antibiotic prescribing in two european society of clinical infectious disease, Clinical Microbiology And Infection, volume 14 (7),698-707.
- Harrison AM,2010. Maximizing value in pediatric ICUs, Current concept in pediatric critical care. Society of critical care medicine,vol 2;7-11.
- Hassan RH, Waleed ME, Ahmed JE., et.al., 2017. Clinical and microbiological characteristics of healthcare-associated infection in a tertiary care pediatric hospital, Egyptian pediatric association gazette, 65 (4):127-31.
- Ingeborg YB, Marielle M, Rene VG, Maarten HL, Miriam H dan Ester DV, 2016. Sputum induction in children is feasible and useful in a bustling general hospital practice. Glob Pediatr Health. 3: 2333794.
- Instalasi mikrobiologi klinik dan divisi neonatologi pediatri, 2017. Peta kuman NICU-IRD RSUD dr. Soetomo surabaya ; out-break *acinetobacter Baumanii*, SMF mikrobiologi klinik RSUD Soetomo.
- Iwan D, 2005. Kebijakan untuk meminimalkan reksiko terjadinya resistensi bakteri diunit perawatan intesif rumah sakit. JMPK vol. 08: 23-9.
- Putra I, Setyoningtyas A, Puspitasari D, Kuntaman, Irwanto, Dharmawati I, dan Latief AL, 2016. Microorganism pattern in pediatric intensive care unit, Sari Pediatri pit 7 makassar. 88-89.
- Jager CH, Wijk PM, Mathoera RT, Jongh-Leuvenink JD, Poll TD, dan Wever PM, 2010. Lymphocytopenia and neutrophil-lymphocyte count ratio predict bacteremia better than conventional infection markers in an emergency care unit. Crit Care, 14: 192-5.
- Javier RF,Susanna HB, Victoria TS dan Charles LC, 2012. Positive blood culture in a pediatric emergency department; a descriptive analysis. Emergencies, (24):386-88.
- Jawetz T, Melnick K, Adelberg G,2016. Fundamental of Microbiology Medical Microbiology, 27 ed, Mcgraw Hill,20-21.
- Jiang H, Su M, Kai L, Huang H, Qiu L, Mu J, Du T *et.al.* Prevalence and antibiotik resistance profile of cerebrospinal fluid pathogen in children with acute bacterial meningitis in Yunnan province China 2012-2015. Plos one,2017 (6):c0180161.
- Jones R. Microbial etiologies of hospital-acquired bacterial pneumonia and ventilator-associated pneumonia. Clin. Infect. Dis, 2010;51:81-87.
- José AT, Rosa JL, Alejandro AS, dan Eduardo S, 2003. Multiple organ dysfunction syndrome in children, Pediatr Crit Care Med;4(2):12-24.

Kalanuria AA, Zai W, Mirski M. Ventilator-associated pneumonia in the ICU. Critical care, 2014 :18:208-11.

Kaur N, Sharma S, and Hans C. Urinary tract infection: etiology and antimicrobial resistance pattern in infant from a tertiary care hospital in northern India. J clin diagn res,2014:8:1-13.

Kelley MA,2014 Predictive scoring systems in intensive care unit. Last updated: 7 june 2014. <http://www.uptodate.com>.

Kenneth JB, Bart LG, Paul PT, dan George RM, 2014. Pathogenic bacteria, sixth edition, Sherris medical microbiology, Mcgraw-hill education,2: 356-88. 24.  
Keri KH dan Jason AL,2016. Updated review of blood culture contamination. Clin microbial rev. 19(4): 788-802.

Kidd TJ, Ramsay KA, Vidmar S, et.al.,2015. *Pseudomonas aeruginosa* genotype acquired by children with cystic fibrosis by age 5 years. J Cyst fibros. (14): 361-9.

Kirsty LD, Julia B, Paul TH, dan Mike S, 2015. Systematic review of antibiotik resistance rates among gram-negative bacteria in children with sepsis in resource-limited countries. Journal of the pediatric infectious diseases society, 4:11-20.

Komite Pengendalian Resistensi Antimikroba (KPRA) RSUD Dr.Soetomo, 2016. Laporan penelitian surveilans mikroba multiresisten dengan indikator bakteri *ESBL*, *MRSA*, dan *Acinetobacter* di RSUD dr Soetomo Surabaya.

Kossiva LA, Gourgiotis DT, Douna B, Marmarinos AM, dan Tsentidis C, 2014. Composite bacterial infection index in the evaluation of bacterial versus viral infection in children: a single centre study. Pediat Therapeut. 42-68.

Kuntaman K, Parathon H, Widiastuty TT, Muliawan BT, Karuniwati A, dan Qibtiyah .2017. Progress toward antimicrobial resistance containment and control in indonesia. The BMJ, 358:31-35.

Kristof K dan Julia P,2016. Interpretation of blood microbiology result-function of the clinical microbiologist, The journal of the federation of clinical chemistry and laboratory medicine, (20); 147-155.

Labib JR, Ibrahim SK, Salim MR, Yousef RM dan Meligy B, 2018. Infection with gram negative bacteria among children in a tertiary pediatric hospital in Egypt. American journal of infection control.12: 34-43.

Latief A, Pudjiadi AH, Somasetia DH, Alwy EH, Mulyo GD, Lubis M, et.al. 2010. Diagnosis dan tatalaksana sepsis pada anak Edisi 1, Jakarta, IDAI:1-7.

- Leli CI, Ferranti MP, Moretti AY, Al Dhahab ZS, Cenci EM, dan Mencacci A, 2015. Procalcitonin levels in gram-positive, gram-negative, and fungal bloodstream infections. *Dis Markers*, 2:1-8.
- Linda W, Linda A *et.al*,2015. Understanding pharmacology; Essential for medical safety, Second edition, Elsevier health science.2:30-9.
- Linhares I, Raposo T, Rodrigues A dan Almeida A.2013. Frequency and antimicrobial resistance patterns of bacteria implicated in community urinary tract infections: a ten years' surveillance study (200-2009), *BMC infectious diseases*, 13 (1);19-33.
- Mahmut A, Guzel B, Oymak Y, dan Ciftci H,2013. Antibiotik sensitivity and resistance in children with urinary tract infection in Sanliurfa. *Turk J urol*,39 (2):106-10.
- Majorie KW, dan Cowan MJ, 2016. Microbiology fundamentals: a clinical approach , Miami University With. Atlas, Second Edition, 28-55.
- Maniaci VK, Dauber A, Weiss SP, Nylen EI, Becker KH, dan Bachur RR. 2008. Procalcitonin in young febrile infants for the detection of serious bacterial infections. *Pediatrics*, 122: 701 – 10.
- Marie AK, Chisholm T, dan Burns TY, *et.al*. 2015. Pharmacoterapy principles and practice, fourth edition, Mcg Raw Hill, 33-45.
- Maryam PD, Farhad BI, Babak PM, dan Abbas BL, 2016. Antimicrobial resistance of *acinetobacter baumannii* to imipenem in iran: a systematic review and meta-analysis, *The Open Microbiology Journal*, 32-42.
- Masterton RG, 2011. Antibiotik de-escalation. *Crit Care Clin*, 27:149-62.
- Mayr FM, Yende SA, dan Angus DC, 2014. Epidemiology of severe sepsis. Virulence, ASM Press, Washington DC, 5:4-11.
- Mc Cance KL, Huether SG, Brashers VS, dan Rote NE, 2014. Patophysiology. Infection. 6th ed. Cleveland: Mosby, 498-9.
- Mc Kenzie CD, 2011. Antibiotik dosing in critical illness. *J Antimicrob Chemother*, 66:22-34.
- Molay BD, Abhisek W, Sandeep KR, Ashok KT, dan Abhisala GH, 2014. Pattern of pathogen and their sensitivity isolated from nosocomial infection in a tertiary care hospital. *Int.J.Curr.Microbial*, 3: 398-403.
- Molton JS,Tambyah PA,Ang BS,Ling ML dan Fisher DA,2013.The Global spread of healthcare-associated multidrug-resistant bacteria: a perspective from Asia.*Clin infect Dis*,56:1310-18.

- Mosellio SE, dan Vincent YK, 2013. Biology of infectious agent, schaeter's mechanism of microbiology disease, 5th edition, Wolter Kluwer-Lippincott Wiliams & Wilkins, part one, 55-66.
- Motamedifar M, Sedigh H,Saraie E,Mansury D, Nikokar I dan Zahra H, 2015. Prevalence of etiological agent and antimicrobial resistance patterns of bacterial meningitis in nemazee hospital,shiraz iran. Archieves of clinical infectious diseases.10(2):e22703.
- Moyo S,About S,Kasubi M, dan Maselle YS, 2010. Bacteria isolated from bloodstream infection at tertiary hospital in Dar Es Salaam,Tanzania – Antimicrobial resistance of isolates. A.afr.med.j,vol.100.12:584-602.
- Moersintowarti BN et.al, 2002. Konsep umum tumbuh dan kembang, Buku ajar rumah kembang dan remaja, Sagung seto, Jakarta (1):1-12.
- Mulla NA, Shafie SE, Janahi M, dan Chandra P, 2014. Bacterial blood stream infections and antimicrobial susceptibility pattern in pediatric patients after chemoteraphy. 7:289-99.
- Mulyani, Peritasari DA, Andalusia R dan Aisyi M, 2014. Evaluasi penggunaan antibiotika pada pasien pediatric leukemia limfoblastik akut dengan febrile neutropenia selama pemberian kemoterapi di rumah sakit kanker Dharmais Jakarta, Media Farmasi, 11: 98-107.
- Myrto EM, Stylianis KL, Michail AG, dan Eleftherios MS, 2016. Prevalence of esbl producing enterobacteriaceae in pediatric bloodstream infections: a systematic review and meta –analysis, Journal Plos One, 3; 10-38.
- Nathawani DM, Raman GK, Sulham KM, dan Menon V, 2014. Clinical and economic consequences of hospital-aquired resistant and multidrug resistant pseudomonas aeruginosa infections : a systematic review and meta-analysis, Research, Pubmed,32;3-32.
- Nadja HV, Lund C, Morten AA dan Hans B.2018. Epidemiology and risk factors of infection in early childhood, Pediatric (6) 141-9. 28.
- Negi V, Pal S, Juyul D, Sharma KM, Sharma S. Bacteriological profile of surgical site infection and their antibiogram: a study from resource constructed rural setting of uttarakand India. J clin diag res,2015;10:17-20.
- Niedner NF, 2011. The science and methodology of quality improvement and patient safety, In: current concept in pediatric critical care. Society of critical care medicine. 11-25.
- Niehues T, 2013. The febrile child diagnosis and treatment. Dtsch Arztebl Int,110:764-74.

- Nugroho S,2010. Parameter bakteremia pada anak dengan keganasan dan demam neutropenia, Jurnal kedokteran Brawijaya, 26: 113-116.
- O'Neill MJ, 2016. Tackling drug-resistant infections globally: final report and recommendations the review on antimicrobial resistance. *J Antimicrob Chemother*, 66:22-34.
- Pagana JW, dan Emeritus MM, 2007. Mosby's manual of diagnostic and laboratory tests. White blood cell count and differential count (wbc and differential, leukocyte count, neutrophil count, lymphocyte count, monocyte count, eosinophile count, basophile count). 5th ed. Pennsylvania: Elsevier, 880-6.
- Page AS, De Rekeneire N, Sayadi SX, Aberrane SE, Janssens AN, dan Dehoux MA. 2014. Diagnostic and prognostic value of procalcitonin and c-reactive protein in malnourished children. *Pediatrics*, 133: 363 -70.
- Peraturan Menteri Kesehatan Republik Indonesia Nomor 71 Tahun 2013. Tentang pelayanan kesehatan pada jaminan kesehatan nasional, Departemen Kesehatan Republik Indonesia.
- Piyush T, Gopa B, Shivani S, dan Pramod W, 2011. Antibiotik resistance pattern of *Pseudomonas aeruginosa* isolated from patient of lower respiratory tract infection. *African Journal of Microbiology Research*, 2: 9-11.
- Plunkett AT, dan Tong JA, 2015. Sepsis in children. *BMJ*, 350:301-7.
- Pudjiadi AH, Latif A , dan Budhiwardana N,2013. Buku ajar pediatri gawat darurat, unit kerja pediatri gawat darurat, IDAI, 1-17.
- Purnamasari L, Massi MH, dan Ahmad A,2017. Detection of *Escherichia coli* in children stool with diarrhea patients using culture and polymerase chain reaction method. *Nusantara medical science journal*,2 (1):33-39.
- Rai S, Yadav NU, Narayan DP, Yakha JK,Prasad P dan Poudel A, 2017. Bacteriological profile and antimicrobial susceptibility patterns of bacteria isolated from Pus/Wound swab sample from children attending a tertiary care hospital in Nepal, *international of journal microbiology*. (17):1-5.
- Randolph AF, dan Mc Culloch R. 2014. Pediatric sepsis: important considerations for diagnosing and managing severe infections in infants, children, and adolescents. *Virulence*, 179-89.
- Refdanita RS, Maksum R, Nurgani AK, dan Endang PT, 2015. Pola kepekaan kuman terhadap antibiotika di ruang rawat intensif rumah sakit fatmawati jakarta. *Makara kesehatan*, 41-8.

- Rehman S, Zafar A, Qureshi AH, dan Haq UI, 2014. Frequency of endotracheal tube inhabiting *Klebsiella pneumonia* and their antibiogram isolated from children's hospital Lahore Pakistan. Online journal of bioscience and informatics,3:589-9.
- Robert WZ dan Janet FC, 2015. Cells structure an function, microbiology: with diseases by body system. Pearson Education Inc, 55-60.
- Roman DF, dan Mossellio SJ, 2013. Innate immunity, schaeter's mechanism of microbiology disease, Wolter Kluwer-Lippincott & Wilkins, 66-91.
- Sanjana RL, dan Majhi PN, 2012. Microbial infection and antibiotik patterns among intensive care unit patient in a tertiary hospital in central nepal. Journal Of College Of Medical Science-Nepal,vol 8,no 3; 1-8.
- Satoskar RZ, Nirmala NM, dan Bhandarkar SK, 2015. General considerations and pharmacokinetic; Pharmacology And Pharmacotherapy, second edition, Elsevier, 8-16.
- Satyajeet KP,Patil SR, Karande GS,Mohite ST, dan Vaishali SP, 2016. Antimicrobial sensivity pattern of clinical isolates in intensive care unit in a tertiary care hospital from western india. International journal of scientific study, 4 (2):108-14.
- Seyed RM, Morteza S, Masoud SB,Masoud R and Mojtaba M,2014. Bacterial pathogen and antimicrobial resistance paterns in pediatric urinary tract infections: A four year surveillance study (2009-2012). International journal of pediatrics (6): 12-18.
- Sevgen TB , Yasemin O, dan Kubra A, et.al, 2017. A comparison of blood stream infections with extended spectrum beta-lactamaseproducing and non-producing *Klebsiella pneumoniae* in pediatric patients,Italian Journal Of Pediatrics 43:79-88.
- Shanan M. 2016. Case Study: How do bacteria become resistant? Diunduh juli, 2016. (<http://www.biologycorner.com>).
- Shanty D, Agus H, Risa E, Martono TU, dan Budiono, 2017. Profil kematian neonatus di RSUD dr. Soetomo, Sari Pediatri, vol. 18, no. 5, 475-80.
- Sherwood LW, 2010. Human physiology: from cells to systems. 7th ed. Australia: Brooks Cole Engage Learning, 20-29.
- Siddaiahgari S, Manikyam A, Kumar KA, Rauthan A, Ayyar R. Spectrum of systemic bacterial infection during febrile neutropenia in pediatric oncology patients in tertiary care pediatric center. Indian J Cancer,2014;51:403-5.

- Silvestri LM, Van Saene HB, dan Petros JY, 2013. Classification of icu infections',Infection Control In The Intensive Care Unit, 41-5.
- Simmons MJ, Durham ST, dan Carter CK, 2012. Pharmacological management of pediatric patient with sepsis. AACN Adv Crit Care 2012;23:437-48.
- Simon LS, Gauvin FC, Amre DU, Saint-Louis PK, dan Lacroix JJ, 2004. Serum procalcitonin and c-reactive protein levels as marker of bacterial infection: a systematic review and meta-analysis. Clinical Infectious Disease, 206-17.
- Singh HK, Sharja P, and Onkar K. 2016. Bacterial profile of neonatal sepsis in NICU in a tertiary care hospital: prevalent bugs and their susceptibility pattern. Eur j pharm med res,3:241-45.
- Sjakti HA dan Windiastuti E.2012. Pola infeksi pada leukemia mieloblastik akut pada anak. Sari Pediatri, 13:426-30.
- Stephen AR, dan Timothy AH, 2016. Bacteria structure cell's, medical microbiology, 27 edition, Mcgraw Hill, 22-27.
- Stephen WP, Allison TK, Ken K, Robert J, Louise V, Charlene G, et.al. 2014. Health-care associated infection among critically ill children in the US. AAP news and journals,3:120-36.
- Stuart H, 2013. Cell structure and organization essential microbiology, second edition. John Wiley & Sons, Ltd, 55-58.
- Tauhid SA, Maka C, Hoque MM, Kamal MA, dan Haque E, 2017. Nosocomial bloodstream infections in children in intensive care unit: organism, sources, their sensitivity pattern and outcome of treatment. Journal of Bangladesh college of physicians and surgeon, 35 (3):116-25.
- Tortora GH, Berdell RR, dan Christine LM, 2016. Functional anatomy of prokaryotic and eukaryotic cells, Microbiology, Pearson, 72-88.
- UKK Eria, UKK Penyakit Tropik Dan Infeksi, dan IDAI, 2016. Konsensus diagnosis dan tata laksana sepsis pada anak, IDAI, 3-15.
- Van Hal JZ, Lodise PF, dan Paterson DR, 2012. The clinical significance of vancomycin minimum inhibitory concentration in staphylococcus aureus infections: a systematic review and meta-analysis, Pediatrics (9) 34-45.
- Vincent LM, Bihari JH, dan Suter MN, 2015. The prevalence of nosocomial infection in icu in europe. JAMA, 2: 639–44.
- Wahyudi M, Afriyan S, dan Silvia T. 2009. Pola kuman dan uji kepekaan antibiotik pasien unit perawatan intensif anak RSMH palembang. Sari pediatri, 18-23.

Wang X, Wang J, Sun H, Xia S, Duan R, Liang J, Hiao Y et.al. Etiology of childhood infectious diarrhea in a developed region of china: compared to childhood diarrhea in a developing region and adult diarrhea in developing region. Plos one,2015;3:1-14.

Ward M,2013. Pathophysiology and management of fever in infant and children. Diunduh 8 juli 2017; <http://www.uptodated.com>.

Washoe County, 2013. Antibiogram. Diunduh dari situs <https://www.washoecounty.us/>. 12 mei 2018.

Watson RK, dan Carcillo JO, 2015. Scope and epidemiology of pediatric sepsis. Pediatr Crit Care Med, 6:53-5.

Weiss ST, Fitzgerald JA, dan Maffei FI, 2015. Discordant identification of pediatric severe sepsis by research and clinical definitions in the sprout international point prevalence study. Crit Care, 19:325-34.

World Health Organization (WHO), 2007. Addressing sex and gender in epidemic-prone infectious diseases. Who library cataloguing-in-publication data.

World Health Organization (WHO), 2011. ‘Report on the burden of endemic health care-associated infection worldwide’, Who Library Cataloguing-In-Publication Data, 40-4.

Zaveri JJ, Patel SH, Nayak K, Desai M, dan Parul PA, 2012. Study on bacteriological profile and drug sensitivity & resistance paterrn of isolate of the patient admitted in intensive care unit of a tertiary care hospital in ahmadabad, National Journal Of Medical Research, vol 2 ; 29-45.

Zingg W, Hopkins S, Angele GT, et.al. 2017. Healthcare-associated infections in neonates, children and adolescence: an analysis of pediatrics data from the European centre of diseases prevention and control point-prevalence survey, Lancet infect dis.(9);78-88.

Zhu M, Hu Q, Mai J, and Lin Z. Analysis of pathogenic bacteria and drug resistance in neonatal purulent meningitis. pubmed,2015(1):51-6.