

## DAFTAR PUSTAKA

- Abrahams, E. T., Brown, H., Chensue, S. W., Turner, G., D., Tadesse, E., Lema, V. M., Molyneux, M. E., Rochford, R., Meshnick, S. R., Rogerson, S. J. 2003. Host response to malaria during pregnancy: placental monocyte recruitment is associated with elevated beta chemokine expression. *J Immunol*; 170(5): 2759-64.
- Abubakar, A., Uriyo, J., Msuya, S. E., Swai, M., Stray-Pedersen, B. 2012. Prevalence and risk factors for poor nutritional status among children in the kilimanjaro region of Tanzania. *Int. J. Environ. Res. Public Health*; 9: 3506-3518; doi:10.3390/ijerph9103506
- Ansell, J., Hamilton, K.A., Pinder, M., Walraven, G.E.L. and Lindsay, S.W., 2002. Short-range attractiveness of pregnant women to *Anopheles gambiae* mosquitoes. *Transactions of the Royal Society of Tropical Medicine and Hygiene*; 96(2): 113-116.
- Anstey, N. M., Handoyo, T., Pain, M. C. F., Kenangalem, E., Tjitra, E., Price, R. N., Maguire, G. P. 2007. Lung injury in vivax malaria: pathophysiological evidence for pulmonary vascular sequestration and posttreatment alveolar-capillary inflammation. *J Infect Dis*; 195(4): 589–596.
- Anstey, N. M., Russel, B., Yeo, T. W., Ric, N. P. 2009. The pathophysiology of vivax malaria. *Trends in Parasitology*; 25(5): 220-7.
- Arango, E., Maestre, A., Carmona-Fonseca, J., 2010. Effect of submicroscopic or polyclonal *Plasmodium falciparum* infection on mother and gestation product: systematic review. *Rev Bras Epidemiol*; 13(3): 373-86.
- Arinaitwe, E., Gasasira, A., Verret, W., Homsy, J., Wanzira, H., Kakuru, A., Sandison, T.G., Young, S., Tappero, J.W., Kamya, M.R. and Dorsey, G., 2012. The association between malnutrition and the incidence of malaria among young HIV-infected and-uninfected Ugandan children: a prospective study. *Malaria journal*; 11(1): 90.
- Alexandre M. A.A., Benzecry S. G., Siqueira A. M., Vitor-Silva S., Melo G, C., Monteiro W. M., Leite H. L. Lacerda M. V. G; Costa Alecrim. 2015. The Association between Nutritional Status and Malaria in Children from a Rural Community in the Amazonian Region: A Longitudinal Study. *PLoS Negl Trop Dis*; 9(4): e0003743. doi:10.1371/journal.pntd.0003743
- Baird, J.K., Masbar, S., Basri, H., Tirtokusumo, S., Subianto, B., Hoffman, S. L. 1998. Age-dependent susceptibility to severe disease with primary exposure to *Plasmodium falciparum*. *J Infect Dis*; 178: 592-595.
- Boudová, S., Divala, T., Mungwira, R., Mawindo, P., Tomoka, T. and Laufer, M.K., 2017. Placental but not peripheral *Plasmodium falciparum* infection during pregnancy is associated with increased risk of malaria in infancy. *The Journal of infectious diseases*; 216(6): 732-735.
- Bayoumi, N. K., Bakhet, K. H., Mohammed, A. A., Eltom, A. M., Elbashir, M. I. 2009. Cytokine profiles in peripheral, placental and cord blood in an area of unstable malaria transmission in eastern Sudan. *Journal of tropical pediatrics*; 55: 233–237.
- Beier, J. C., Killen, G. F., Githure, J. L. 1999. Short report: entomologic inoculation rates and *Plasmodium falciparum* malaria prevalence in Africa. *Am J Trop Med Hyg*; 61(1): 109-13.
- Bilbo, S.D. and Schwarz, J.M., 2009. Early-life programming of later-life brain and

- behavior: a critical role for the immune system. *Frontiers in behavioral neuroscience*, 3.
- Blake R. A. Park S., Baltazar P., Ayaso E. B., D. S., S. Monterde D.B. S. Acosta L. P., Olveda R. M., Tallo V., Friedman J F. 2016. LBW and SGA Impact Longitudinal Growth and Nutritional Status of Filipino Infants. *PLoS ONE*; 11(7): e0159461. doi:10.1371/journal.pone.0159461
- Bouyou-Akotet, M. K., Adegnika, A. A., Agnandji, S. T., Ngou-Milama, E., Kombila, M., Kremsner, P. G., Mavoungou, E. 2005. Cortisol and susceptibility to malaria during pregnancy. *Microbes Infect*; 7(11-12): 1217-23.
- Brabin, B. J., Agbaje, S. O., Ahmed, Y., Briggs, N. D. 1999. A birthweight as a indicator malaria-control. *Ann Trop Med Parasitol*; 93(Suppl 1), S4.
- Brabin, B. J., Kalanda, B. F., Verhoeff, F. H., Chimsuku, L. H. & Broadhead, R. L. 2004. Risk factors for fetal anaemia in a malarious area of Malawi. *Ann Trop Paediatr*; 24: 311-21.
- Brabin, B. J., Romagosa, C., Abdelgalil, S., Menendez, C., Verhoeff, F. H., McGready, R., Fletcher, K. A., Owens, S., D'Alessandro, U., Nosten, F., Fischer, P. R. & Ordi, J. 2004. The sick placenta-the role of malaria. *Placenta*; 25: 359-78.
- Brabin, B. J. 2007. Congenital malaria a recurrent problem. *Ann Trop Paediatr*; 27: 95-8.
- Buffet, P. A., Safeukui, I., Deplaine, G., Brousse, V., Prendki, V., Thellier, M., Turner, G. D., Mercereau-Puijalon, O. 2010. The pathogenesis of *Plasmodium falciparum* malaria in humans: insights from splenic physiology. *Blood J*; 117: 381-392. doi:10.1182/blood-2010-04-202911.
- CDC. 2013. Intermittent preventive treatment of malaria for pregnant women (IPTp). [http://www.cdc.gov/malaria/malaria\\_worldwide/reduction/iptp.html](http://www.cdc.gov/malaria/malaria_worldwide/reduction/iptp.html). Diunduh tanggal 26 Juli 2013. Pukul 00.23.
- Cheung W. W., Paik K.H., Mak R.H. 2010. Inflammation and cachexia in chronic kidney disease. *Pediatric Nephrology*; 25(4): 711-724
- Chotivanich, K., Udomsangpetch, R., Pukrittayakamee, S., Looareesuwan, S., Beeson, J., Day, N. P. J. 2003. The adhesion receptors of *P. vivax*-infected red cells (abstract P27). *Exp Parasitol*; 105: 33-4.
- Coldren, R. L., Jongsakul, K., Vayakornvichit, S., Noedl, H., Fukuda, M. M. 2007. Apparent Relapse of Imported *Plasmodium ovale* Malaria in a Pregnant Woman. *Am. J. Trop. Med. Hyg*; 77(5): 992-994
- Corbett, S. S., Drewett, R. F. 2004. To what extent is failure to thrive in infancy associated with poorer cognitive development? A review and meta-analysis. *J Child Psychol Psychiatry*; 45(3): 641-54.
- Cox, F. E. 2010. History of the discovery of the malaria parasites and their vectors. *Parasit. Vectors*; 3(1): 5. doi:10.1186/1756-3305-3-5
- Dalgado, C & Matijasevich, A. 2013. Breastfeeding up to two years of age or beyond and its influence on child growth and development: a systematic review. *Cad. Saúde Pública, Rio de Janeiro*; 29(2): 243-256.
- Dellicour, S., Hall, S., Chandramohan, D. & Greenwood, B. 2007. The safety of artemisinins during pregnancy: a pressing question. *Malar J*; 6: 15. doi:10.1186/1475-2875-6-15
- Dellicour, S., Tatem, A. J., Guerra, C. A., Snow, R. W., ter Kuile, F. O. 2010. Quantifying the Number of Pregnancies at Risk of Malaria in 2007: A Demographic Study. *PLoS Med*; 7(1): e1000221. doi:10.1371/journal.pmed.1000221
- Departemen Kesehatan R.I, 2006. Stimulasi Tumbuh Kembang Balita dan Anak

- Prasekolah. In *Pedoman Pelaksanaan Stimulasi, dan Intervensi Dini Tumbuh Kembang Anak Ditingkat Pelayanan Kesehatan Dasar*. Jakarta: Direktorat Jenderal Pembinaan Kesehatan Masyarakat, p. 15.
- Deribew, A., Alemseged, F., Tessema, F., Sena, L., Birhanu, Z., Zeynudin, A., Sudhakar, M., Abdo, N., Deribe, K. and Biadgilign, S., 2010. Malaria and under-nutrition: a community based study among under-five children at risk of malaria, south-west Ethiopia. *PLoS One*; 5(5): p.e10775.
- Desai, M., ter Kuile, F. O., Nosten, F., Mc Gready, R., Asamo, K., Brabin, B. & Newman, R. D. 2007. Epidemiology and burden of malaria in pregnancy. *Lancet Infect Dis*; 7: 93-104.
- Doolan, D. L., Dobano, C. and Baird, J. K. 2009. Acquired immunity to malaria. *Clin. Microbiol. Rev*; 22: 13-36.
- Dobbs, K.R., Dent, A.E. 2016. Plasmodium malaria and antimalarial antibodies in the first year of life. *Parasitology*; 143: 129–138.
- Drakeley, C., Sutherland, C., Bousema, J. T., Sauerwein, R. W. and Targett, G. A. 2006. The epidemiology of Plasmodium falciparum gametocytes: weapons of mass dispersion. *Trends Parasitol*; 22: 424-430.
- Driss, A., Hibbert, J. M., Wilson, N. O., Iqbal, S. A., Adamkiewicz, T. V., Stiles, J. K. 2011. Genetic polymorphisms linked to susceptibility to malaria. *Malar J*; 10: 271. Doi:10.1186/1475-2875-10-271.
- Duffy, P. E. 2007. Plasmodium in placenta: parasites, parity, protection, prevention and possibly preeclampsia. *Parasitology*; 135: 1877-81.
- Emad, S., Saira, L., Seema, H., Shahina, H. 2008. Congenital Malaria. *Pak J Med Sci*; 24(5): 765-67.
- Esfarjani, F., Roustaei, R., Mohammadi, F., Esmailzadeh, A. 2013. Determinants of stunting in school-aged children of tehran, Iran. *Int J Prev Me*; 4(2): 173-9
- Falade, C. O., Tongo, O. O., Ogunkunle, O. O., Orimadegun, A. E. 2010. Effects of malaria in pregnancy on newborn anthropometry, *J Infect Dev Ctries*; 4(7): 448-453.
- Fernando S. D., Rodrigo C., Rajapakse S. 2012. The ‘hidden’ burden of malaria: cognitive impairment following infection. *Malaria Journal*; 9: 366.
- Fink, G., Olgiati, A., Hawela, M., Miller, J. M., and Matafwali, B. 2013. Association between early childhood exposure to malaria and children’s pre-school development: evidence from the Zambia early childhood development project. *Malaria Journal*; 12: 12
- Fischer P. R. 2003. Malaria and newborns. *J Trop Pediatr*; 49: 132–4.
- Fried, M. 2001. Parasite adhesions and its role in placental malaria: hideout for the parasite. In: DUFFY, P. E. & FRIED, M. (eds.). *Malaria in pregnancy*. London: Taylor and Francis.
- Gamble C., Ekwaru PJ., Garner P., ter Kuile FO. 2007. Insecticide-treated nets for the prevention of malaria in pregnancy: A systematic review of randomised controlled trials. *PLoS Med* 4(3): e107. doi:10.1371/journal.pmed. 0040107
- Garcia, A., Milet, J., Courtin, D., Sabbagh, A., Massaro, J.D., Castelli, E.C., Migot-Nabias, F., Favier, B., Rouas-Freiss, N., Donadi, E.A. and Moreau, P., 2013. Association of HLA-G 3’ UTR polymorphisms with response to malaria infection: a first insight. *Infection, Genetics and Evolution*; 16: 263-269.
- Genton, B. and D'Acremont, V. 2001. Clinical features of malaria in returning travelers and migrants. In: Schlagenhauf P., editor. *Travelers' malaria*. BC Decker: 371-92.
- Genton, B., Al-Yaman, F., Ginny, M., Taraika, J. and Alpers, M.P., 1998. Relation of

- anthropometry to malaria morbidity and immunity in Papua New Guinean children. *The American journal of clinical nutrition*; 68(3): 734-741.
- Guerra, C. A., Howes, R. E., Patil, A. P., Gething, P. W., Van Boeckel, T. P., Temperley, W. H., et. al. 2010. The International limits and population at risk of Plasmodium vivax transmission in 2009. *PLoS Negl Trop Dis*; 4(8): e774. doi:10.1371/journal.pntd.0000774
- Guyatt, H. L., Snow, R. W. 2004. Impact of malaria during pregnancy on low birth weight in Sub-Saharan Africa. *Clin Microbiol Rev*; 17(4): 760-69. DOI: 10.1128/CMR.17.4.760-769.2004
- Hanscheid, T. and Grobusch, M. P. 2002. How useful is PCR in the diagnosis of malaria? *Trends Parasitol*; 18: 395-398.
- Hartman, T. K., Rogerson, S. J., Fischer, P. R. 2010. The impact of maternal malaria on newborns. *Ann Trop Paediatr*; 30(4): 271-82. doi: 10.1179/146532810X12858955921032.
- Hashemzadeh, A., Heydarian, F. 2005. Congenital Malaria in a Neonate. *Arch Iranian Med*; 8(3): 226-228.
- Hviid, L. and Staalsoe, T., 2004. Malaria immunity in infants: a special case of a general phenomenon?. *Trends in parasitology*; 20(2): pp.66-72.
- Hemmer, C. J., Holst, F. G., Kern, P., Chiwakata, C. B., Dietrich, M., Reisinger, E. C. 2006. Stronger host response per parasitized erythrocyte in Plasmodium vivax or ovale than in Plasmodium falciparum malaria. *Trop Med Int Health*; 11: 817-823.
- Hidayat A., Dachlan E. G., Prasetyo B., Basuki S. 2011. Hasil Pemeriksaan Mikroskopis dan PCR Malaria dari Darah Tepi, Jaringan Plasenta dan Darah Tali pusat pada Ibu Bersalin yang Mendapat Terapi ACT. Studi Operasional Pada Empat Kecamatan di Kabupaten Indragiri Hilir Propinsi Riau. *Majalah Obstetri & Ginekologi*; 19: 113-120
- Hidayat, M. 2001. Rapid Survey on Maternal Mortality in Papua Province. *Provincial Health Office (PHO), Papua Indonesia*.
- Johnston, S.P., Pieniazek, N.J., Xayavong, M.V., Slemenda, S.B., Wilkins, P.P. and da Silva, A.J., 2006. PCR as a confirmatory technique for laboratory diagnosis of malaria. *Journal of clinical microbiology*; 44(3): pp.1087-1089.
- Kabyemela, E. R., Fried, M., Kurtis, J. D., Mutabingwa, T. K. & Duffy, P. E. 2008. Fetal responses during placental malaria modify the risk of low birth weight. *Infect Immun*; 76: 1527-34.
- Kalanda, B.F., Verhoeff, F.H. and Brabin, B.J., 2006. Breast and complementary feeding practices in relation to morbidity and growth in Malawian infants. *European journal of clinical nutrition*; 60(3): 401-407.
- Kalilani, L., Mofolo, I., Chaponda, M., Rogerson, S.J. and Meshnick, S.R., 2010. The effect of timing and frequency of Plasmodium falciparum infection during pregnancy on the risk of low birth weight and maternal anemia. *Transactions of the Royal Society of Tropical Medicine and Hygiene*; 104(6): 416-422.
- Kamus Besar Bahasa Indonesia (KBBI) 2013. <http://kbbi.web.id/sinonim> Diunduh tanggal 4 Agustus 2013 pukul 15.44.
- Karunaweera, N. D., Wanasekera, L. D., Chandrasekera, V., Mendis, K. N., Carter, R., (2007). Plasmodium vivax malaria: paroxysm-associated lipids mediate leukocyte aggregation. *Malar J*; 6(1): 62.
- Karyana, M., Burdarm, L., Yeung, S., Kenangalem, E., Wariker, N., Maristela, R., Umana, K. G., Vemuri, R., Okoseray, M. J., Penttinen, P. M., Ebsworth, P., Sugiarto, P., Anstey, N. M., Tjitra, E. & Price, R. N. 2008. Malaria morbidity



- in Papua Indonesia, an area with multidrug resistant *Plasmodium vivax* and *Plasmodium falciparum*. *Malar J*; 7: 148.
- Keputusan Menkes RI Nomor: 1995/MENKES/SK/XII/2010, tentang Standar antropometri penilaian status gizi anak.
- King, C.L., Malhotra, I., Wamachi, A., Kioko, J., Mungai, P., Wahab, S.A., Koech, D., Zimmerman, P., Ouma, J. and Kazura, J.W., 2002. Acquired immune responses to *Plasmodium falciparum* merozoite surface protein-1 in the human fetus. *The Journal of Immunology*; 168(1): 356-364.
- Krotoski, W. A., Collins, W. E., Bray, R. S., Garnham, P. C., Cogswell, F. B., Gwadz, R. W., Killick-Kendrick, R., Wolf, R., Sinden, R., Koontz, L. C. and Stanfill, P. S. 1982. Demonstration of hypnozoites in sporozoite-transmitted *Plasmodium vivax* infection. *Am J Trop Med Hyg*; 31: 1291-1293.
- Langhorne, J., Ndungu, F.M., Sponaas, A.M. and Marsh, K., 2008. Immunity to malaria: more questions than answers. *Nature immunology*; 9(7): 725-732.
- Laviano A., Meguid M. M., Rossi-Fanelli F. 2003. Cancer anorexia: clinical implications, pathogenesis, and therapeutic strategies. *The Lancet Oncology*; 4(1): 686-694.
- Lee, G., Yori, P., Olortegui, M. P., Pan, W., Caulfield, L., Gilman, R. H., Sanders, J. W., Delgado, H. S., Kosek, M. 2012. Comparative effects of vivax malaria, fever and diarrhoea on child growth. *Int J Epidemiol*; 17: 1-9. doi:10.1093/ije/dyr190
- Le Port A, Watier L, Cottrell G, Oue'draogo S, Dechavanne C, Pierrat, C., Rachas, A., Bouscaillou, J., Bouraima, A., Massougbedji, A., Fayomi, B., Thie'baut, A., Chandre, F., Migot-Nabias, F., Martin-Prevel, Y., Garcia, A., Cot, M. 2011. Infections in Infants during the First 12 Months of Life: Role of Placental Malaria and Environmental Factors. *PLoS ONE*; 6(11): e27516. doi:10.1371/journal.pone.0027516
- Lesko, C. R., Arguin, P. M., Newman, R. D. 2007. Congenital Malaria in the United States. A Review of Cases From 1966 to 2005. *Arch Pediatr Adolesc Med*; 161(11): 1062-1067.
- Li, P., Zhao, Z., Wang, Y., Xing, H., Parker, D.M., Yang, Z., Baum, E., Li, W., Sattabongkot, J., Sirichaisinthop, J. and Li, S., 2014. Nested PCR detection of malaria directly using blood filter paper samples from epidemiological surveys. *Malaria journal*; 13(1): 175.
- Lindblade, K.A., Mwandama, D., Mzilahowa, T., Steinhardt, L., Gimnig, J., Shah, M., Bauleni, A., Wong, J., Wiegand, R., Howell, P. and Zoya, J., 2015. A cohort study of the effectiveness of insecticide-treated bed nets to prevent malaria in an area of moderate pyrethroid resistance, Malawi. *Malaria journal*, 14(1), p.31.
- Lozoff, B., Jimenez, E., Wolf, A. W. 1991. Longterm developmental outcome of infants with iron deficiency. *N Engl J Med*; 325(10): 687-94.
- Luxemburger, C., Thwai, K. L., White, N. J., Webster, H. K., Kyle, D. E., Maelankirri, L., Chongsuphajaisiddhi, T. & Nosten, F. 1996. The epidemiology of malaria in a Karen population on the western border of Thailand. *Trans R Soc Trop Med Hyg*; 90: 105-11.
- Luxemburger, C., Ricci, F., Nosten, F., Raimond, D., Bathet, S. & White, N. J. 1997. The epidemiology of severe malaria in an area of low transmission in Thailand. *Trans R Soc Trop Med Hyg*; 91: 256-62.
- Luxemburger, C., McGready, R., Kham, A., Morison, L., Cho, T., Chongsuphajaisiddhi, T., White, N. J. & Nosten, F. 2001. Effects of malaria

- during pregnancy on infant mortality in an area of low malaria transmission. *Am J Epidemiol*; 154: 459-65.
- Malhotra, I., Dent, A., Mungai, P., Wamachi, A., Ouma, J. H., Narum, D. L., Muchiri, E., Tisch, D. J. & King, C. L. 2009. Can prenatal malaria exposure produce an immune tolerant phenotype? A prospective birth cohort study in Kenya. *PLoS Med*; 6: e1000116.
- Masloman N, Gunawan S. 2005. The association between nutritional status and motor development in children under five years old. *Paediatr Indones*; 45: 107-110
- Mathanga, D.P., Mwandama, D.A., Bauleni, A., Chisaka, J., Shah, M.P., Landman, K.Z., Lindblade, K.A. and Steinhardt, L.C., 2015. The effectiveness of long-lasting, insecticide-treated nets in a setting of pyrethroid resistance: a case-control study among febrile children 6 to 59 months of age in Machinga District, Malawi. *Malaria journal*, 14(1), p.457.
- Maubert, B., Fievet, N., Tami, G., Cot, M., Boudin, C. & Deloron, P. 1999. Development of antibodies against chondroitin sulfate A-adherent Plasmodium falciparum in pregnant women. *Infect Immun*; 67: 5367-71.
- McDonald, C.R., Elphinstone, R.E. and Kain, K.C., 2013. The impact of placental malaria on neurodevelopment of exposed infants: a role for the complement system?. *Trends in parasitology*; 29(5): 213-219.
- McDonald C. R., Cahill L. S., Ho K. T., Yang J., Kim H., L. Silver K. S., Ward P. A., Mount H. T., Liles W. C. Sled J. G., Kain K. C. 2015. Experimental Malaria in Pregnancy Induces Neurocognitive Injury in Uninfected Offspring via a C5a-C5a Receptor Dependent Pathway. *PLoS Pathog*; 11(9): e1005140. doi:10.1371/journal.ppat.1005140
- McLean, A.R.D., Ataide, R., Simpson, J.A., Beeson, J.G. and Fowkes, F.J.I., 2015. Malaria and immunity during pregnancy and postpartum: a tale of two species. *Parasitology*; 142(8): 999-1015.
- McGregor, I. A., 1984. Epidemiology, malaria and pregnancy. *Am J Trop Med Hyg*; 33(4): 517-25
- Menendez C, Ordi J, Ismail MR, Ventura, P. J., Aponte, J. J., Kahigwa, E., Font, F., Alonso, P. L. 2000. The impact of placental malaria on gestational age and birth weight. *J Infect Dis*; 181: 1740-5.
- Menendez, C. & Mayor, A. 2007. Congenital malaria: the least known consequence of malaria in pregnancy. *Semin Fetal Neonatal Med*; 12: 207-213.
- Menendezab, C. & Mayor, A. 2007. Congenital malaria: The least known consequence of malaria in pregnancy. *Semin Fetal Neonatal Med*; 12(3): 207-213.
- Miller, L. H., Good, M. F. and Milon, G. 1994. Malaria pathogenesis. *Science*; 264: 1878-1883.
- Muehlenbachs, A., Fried, M., McGready, R., Harrington, W., Mutabingwa, T. K., Nosten, F., Duffy, P. E. 2010. A novel histological grading scheme for placental malaria applied in areas of high and low malaria transmission. *J Infect Dis*; 202(10): 1608-1616. doi:10.1086/656723.
- Murphy, G. S. and Oldfield, E. C. 1996. Falciparum malaria. *Infect Dis Clin North Am*; 10: 747-775.
- Murphy, S. C., Breman, J. G. 2001. Gaps in the childhood malaria burden in Africa: cerebral malaria, neurological sequele, anemia, respiratory distress, hypoglycemia, and complications of pregnancy. *Am J Trop Med Hyg*; 64 (1-2 Suppl): 57-67.
- Mutabingwa TK, Bolla MC, Li JL, Domingo GJ, Li X, Fried, M., Duffy, P. E. 2005. Maternal malaria and gravidity interact to modify infant susceptibility to

- Najeera, J. A., Hempel, J., 1996. The burden of malaria. *WHO*. Geneva. <http://www.who.int/iris/handle/10665/69677>
- Nosten, F., ter Kuile, F., Maelankirri, L., Declutdt, B. & White, N. J. 1991. Malaria during pregnancy in an area of unstable endemicity. *Trans R Soc Trop Med Hyg*; 85: 424-9.
- Nosten, F., McGready, R., Simpson, J. A., Thwai, K. L., Balkan, S., Cho, T., Hkirijaroen, L., Looareesuwan, S. and White, N. J. 1999. Effects of Plasmodium vivax malaria in pregnancy. *Lancet*; 354: 546-549.
- Nyakeriga, A. M., Troye-Blomberg, M., Chemtai, A. K., Marsh, K., Williams, T. N. 2004. Malaria and nutritional status in children living on the coast of Kenya. *Am J Clin Nutr*; 80:1604 –10.
- Okell, L.C., Ghani, A.C., Lyons, E. and Drakeley, C.J., 2009. Submicroscopic infection in Plasmodium falciparum-endemic populations: a systematic review and meta-analysis. *J. Infect. Dis*; 200(10): 1509-1517.
- Olney, D. K., Kariger, P. K., Stoltzfus, R. J., Khalfan, S. S., Ali, N. S., Tielsch, J. M., Sazawal, S., Black, R., Allen, L. H., Pollitt, E. 2009. Development of Nutritionally At-Risk Young Children Is Predicted by Malaria, Anemia, and Stunting in Pemba, Zanzibar. *J. Nutr*; 139: 763–772.
- Omer, F. M. & Riley, E. M. 1998. Transforming growth factor beta production is inversely correlated with severity of murine malaria infection. *J Exp Med*; 188: 39- 48.
- Orogade, A. A., Falade, C. O., Okafor, H. U., Mokuolu, A. A., Mamman, A. I., Ogbonu, T. A., Ogunkunle, O. O., Ernest, K. S., Callahan, M. V., Hamer, D. H. 2008. Clinical and laboratory features of congenital malaria in Nigeria. *Journal of Pediatric Infectious Diseases*; 3(3): 181-187.
- Park H, Bothe D, Holsinger E, Kirchner L.H., Olness K., Mandalakas A. . 2011. The Impact of Nutritional Status and Longitudinal Recovery of Motor and Cognitive Milestones in Internationally Adopted Children. *Int. J. Environ. Res. Public Health*; 8(1): 105-116;
- Poespoprojo, J. R., Fobia, W., Kenangalem, E., Lampah, D. A., Warikar, N., Seal, A., Mc Gready, R., Sugiarto, P., Tjitra, E., Anstey, N. M. & Price, R. N. 2008. Adverse pregnancy outcomes in an area where multidrug-resistant plasmodium vivax and Plasmodium falciparum infections are endemic. *Clin Infect Dis*; 46: 1374-81.
- Poespoprojo, J. R. 2010. Maternal and child health in papua-indonesia: the epidemiology of malaria and strategies for its treatment and prevention. *A dissertation submitted for the degree of Menzies School of Health Research-Institute of Advanced Studies Charles Darwin University Darwin*, p 47.
- Poespoprojo, J. R. 2011. Malaria dalam kehamilan, skrining malaria dan pengobatan yang efektif. *Bulletin Jendela Data dan Informasi Kesehatan*. Kementerian Kesehatan, hal 29-33.
- Price, R.N., Tjitra, E., Guerra, R.A., Yeung, S., White, N. J., Anstey, N. M., et. al. 2007. Vivax malaria: neglected and not benign. *Am J Trop Med Hyg*; 77: 79–87.
- Riley, E. M., Wagner, G. E., Akanmori, B. D. & Koram, K. A. 2001. Do maternally acquired antibodies protect infants from malaria infection? *Parasite Immunol*; 23: 51-9.
- Rogerson, S. J., Hviid, L., Duffy, P. E., Leke, R. F., Taylor, D. W. 2007. Malaria in pregnancy: pathogenesis and immunity. *Lancet Infect Dis*; 7(2): 105–117.
- Sarraf P., Frederich R., Turner E. M., Ma G., Jaskowiak N. T., Rivet III D. J., Flier J.

- S., Lowell B. B., Fraker D. L., Alexander H. R. 1997. Multiple Cytokines and Acute Inflammation Raise Mouse Leptin Levels: Potential Role in Inflammatory Anorexia. *The Journal of Experimental Medicine*; 185: 171–175
- Schofield, L. and Grau, G. E. 2005. Immunological processes in malaria pathogenesis. *Nat Rev Immunol*; 5: 722-735.
- Schwarz, N. G., Adegnika, A. A., Breitling, L. P., Gabor, J., Agnanji, S. T., Newman, R. D., Lell, B., Issifou, S., Yazdanbakhsh, M., Luty, A. J., Kremsner, P. G. & Grobusch, M. P. 2008. Placental malaria increases malaria risk in the first 30 months of life. *Clin Infect Dis*; 47: 1017-25.
- Shulman, C. E., Graham, W. J., Jilo, H., Lowe, B. S., New, L., Obiero, J., Snow, R. W. & Marsh, K. 1996. Malaria is an important cause of anaemia in primigravidae: evidence from a district hospital in coastal Kenya. *Trans R Soc Trop Med Hyg*; 90: 535-9.
- Shulman, C. E., Dorman, E. K., Talisuna, A. O., Lowe, B.S., Nevill, C., Snow, R. W., Jilo, H., Peshu, N., Bulmer, J. N., Graham, S., Marsh, K. 1998. A community randomized controlled trial of insecticide-treated bednets for the prevention of malaria and anaemia among primigravid women on the Kenyan coast. *Trop Med Int Health*; 3(3): 197-204.
- Shulman, C. E. & Dorman, E. K. 2003. Reducing childhood mortality in poor countries: importance and prevention of malaria in pregnancy. *Trans Roy Soc Trop Med Hyg*; 97: 30–5.
- Singh, B., Bobogare, A., Cox-Singh, J., Snounou, G., Abdullah, M. S., Rahman, H., R. 1999. A genus and species-specific nested polymerase chain reaction malaria detection assay for epidemiologic studies. *Am. J. Trop. Med. Hyg*; 60(4): 1999, pp. 687–692
- Singh, N., Shukla, M. M. & Sharma, V. P. 1999. Epidemiology of malaria in pregnancy in central India. *Bull World Health Organ*; 77: 567-72.
- Snow, R. W., Nahlen, B., Palmer, A., Donnelly, C. A., Gupta, S. & Marsh, K. 1998. Risk of severe malaria among African infants: direct evidence of clinical protection during early infancy. *J Infect Dis*; 177: 819-22.
- Soedarto. 2011. Sejarah malaria dalam *Malaria*, Sagung Seto, Jakarta, pp 10-20.
- Souza, R.M., Ata ide, R., Dombrowski, J. G., Ippo lito, V., Aitken, E. H., Valle, S. N., Alvares, J. M., Epiphano, S., Marinho, C. R. F. 2013. Placental Histopathological Changes Associated with Plasmodium vivax Infection during Pregnancy. *PLoS Negl Trop Dis*; 7(2): e2071. doi:10.1371/journal.pntd.0002071
- Steketee, R. W., Nahlen, B. L., Parise, M. E. & Menendez, C. 2001. The burden of malaria in pregnancy in malaria-endemic areas. *Am J Trop Med Hyg*; 64: 28-35.
- Sutanto I. 2010. Diagnosis Mikroskopik dan Serologik Malaria. Dalam: *Malaria dari Molekuler ke Klinis*. Edisi 2: 103-17.
- Takem, E. N., D'Alessandro, U. 2013. Malaria in pregnancy. *Mediterr J Hematol Infect Dis*; 5(1): e2013010, doi: 10.4084/MJHID.2013.010. <http://www.mjhid.org/article/view/11076>. Diunduh tanggal 24 Juli 2013, pukul 19.00.
- Taylor, R. R., Allen, S. J., Greenwood, B. M., Riley, E. M. 1998. IgG3 antibodies to Plasmodium falciparum merozoite surface protein 2 (MSP2): increasing prevalence with age and association with clinical immunity to malaria. *Am J Trop Med Hyg*; 58 (4): 406-413
- ter Kuile FO, Parise ME, Verhoeff FH, et. al. 2004. The burden of co-infection with



- human immunodeficiency virus type 1 and malaria in pregnant women in sub-Saharan Africa. *Am J Trop Med Hyg*; 71 (suppl): 41–54.
- Torres, M. H., Salazar, L. M., Vanegas, M., Guzman, F., Rodriguez, R., Silva, Y., Rosas, J., Patarroyo, M. E. 2003. Modified merozoite surface protein-1 peptides with short alpha helical regions are associated with inducing protection against malaria. *Eur J Biochem*; 270(19): 3946-52.
- Tuttenrow, Y.L., Avril, M., Singh, K., Long, C.A., Leke, R.J., Sama, G., Salanti, A., Smith, J.D., Leke, R.G. and Taylor, D.W., 2012. High levels of antibodies to multiple domains and strains of VAR2CSA correlate with the absence of placental malaria in Cameroonian women living in an area of high *Plasmodium falciparum* transmission. *Infection and immunity*; 80(4): 1479-1490.
- Udomsanpetch, R., Thanikkul, K., Pukrittayakamee, S., White, N. J. 1995. Rosette formation by *Plasmodium vivax*. *Trans R Soc Trop Med Hyg*; 89: 635–637.
- Uneke, C.J., 2011. Congenital malaria: an overview. *Tanzania Journal of Health Research*; 13(3): 264-280.
- Valecha, N., Bhatia, S., Mehta, S., Biswas, S., Dash, A. P. 2007. Congenital malaria with atypical presentation: A case report from low transmission area in India. *Malaria Journal*; 6: 43.  
<http://www.malariajournal.com/content/pdf/1475-2875-6-43.pdf>. Diunduh tanggal 10 Juli 2013, pukul 17.00
- Valecha, N., Srivastava, P., Mohanty, S. S., Sharma, S. K., Tyagi, P. K., Pradhan, K., Dev, V., Singh, R., Dash, A. P., Sharma, Y. D. 2009. Therapeutic efficacy of artemether-lumefantrine in uncomplicated *falciparum* malaria in India, *Malaria Journal*; 8:107 doi:10.1186/1475-2875-8-107
- Vanderberg, J. P. & Frevert, U. 2004. Intravital microscopy demonstrating antibody-mediated immobilisation of *Plasmodium berghei* sporozoites injected into skin by mosquitoes. *Int J Parasitol*; 34: 991-996.
- van Eijk, A. M., Ayisi, J. G., ter Kuile, F. O., Misore, A. O., Otieno, J.A., Kolczak, M. S., Kager, P. A., Steketee, R. W., Nahlen, B. L. 2002. Malaria and human immunodeficiency virus infection as risk factors for anemia in infants in Kisumu, western Kenya. *Am J Trop Med Hyg*; 67(1): 44-53.
- van Geertruyden, J. P., Thomas, F., Erhart, A., D'alessandro, U. 2004. The contribution of malaria in pregnancy to perinatal mortality. *Am J Trop Med Hyg*; 71: 35-40.
- Verhage, D. F., Telgt, D. S., Bousema, J. T., Hermesen, C. C., van Gemert, G. J., van der Meer, J. W. and Sauerwein, R. W. 2005. Clinical outcome of experimental human malaria induced by *Plasmodium falciparum*-infected mosquitoes. *Neth J Med*; 63: 52-58.
- Viraraghavan, R., Jantusch, B. 2000. Congenital malaria: diagnosis and therapy. *Clinical Pediatrics*; 39 (1): 66-67.  
Doi:10.1177/000992280003900117
- Webb, K. E., Horton, N. J., Katz, D. L. 2005. Parental IQ and cognitive development of malnourished Indonesian children. *Eur J Clin Nutr*; 59(4): 618-20.
- Wegmann, T. G., Lin, H., Guilbert, L., Mosmann, T. R. 1993. Bidirectional cytokine interactions in the maternal-fetal relationship: is successful pregnancy a TH2 phenomenon? *Immunol Today*; 14(7): 353-6.
- White, N. J. 2003. Malaria. In: Cook, G. C., Zumla, A. I, Weir, J., editor. *Manson's Tropical Diseases*. *WB Saunders*; 1205-95.
- WHO. 1990. Division of Control of Tropical Diseases. *World Health Organisation*, Geneva.
- WHO. 2000. Economic costs of malaria are many times higher than previously

estimated. *World Health Organisation*, Geneva.

WHO. 2009. World malaria report. *World Health Organisation*, Geneva.

WHO SEARO. 2011. World malaria report.

<http://www.searo.who.int/entity/malaria/Document/en/index.html>

diunduh

tanggal 5 April 2013

WHO SEARO. 2012. World malaria report.

[http://www.searo.who.int/entity/malaria/documents/WMR\\_2012/en/index.html](http://www.searo.who.int/entity/malaria/documents/WMR_2012/en/index.html)

diunduh 9 April 2013

Yakoob, M. Y., Zakaria, A., Waqar, S. N., Zafar, S., Wahla, A. S., Zaidi, S. K., Sarwari, A. R., Qureshi, R. N., Siddiqui, A. R. 2005. Does malaria during pregnancy affect the newborn? *J P M A*; 55: 543.

Yamauchi, L. M., Coppi, A., Snounou, G. and Sinnis, P. 2007. Plasmodium sporozoites trickle out of the injection site. *Cell Microbiol*; 9: 1215-1222.