

DAFTAR PUSTAKA

Abugalia M., Cuevas L., Kirby A., Dove W., Nakagomi O., Kara M., Gweder R., Smeo M., Cunliffe N. 2011. Clinical features and molecular epidemiology of rotavirus and norovirus infections in Libyan children. *J Med Virol*, Vol. 83, hal.1849-56.

Agus S.G., Dolin R., Wyatt R.G. 1973, Acute infectious nonbacterial gastroenteritis: intestinal histopathology. Histologic and enzymatic alterations during illness produced by the Norwalk agent in man, *Ann Intern Med*,Vol.79, hal 18-25.

Alam N.H. & Ashraf H. 2003. Treatment of infectious diarrhea in children. *Pediatric Drugs*, Vol. 5, hal. 151-165.

Arias C., Sala M.R., Domínguez A., Torner N., L. Ruiz L., Martínez A., Bartolomé R., de Simón M. dan Buesa J. Epidemiological and clinical features of norovirus gastroenteritis in outbreaks: a population-based study *Clin Microbiol Infect* 2010; 16: 39–44

Atmar R. L., Estes M. K. 2001. Diagnosis of noncultivable gastroenteritis viruses, the human Caliciviruses. *Clin Microbiol*, Vol, 14, hal. 15-37

Atmar R. L., Estes M. K., 2006. The epidemiologic and clinical importance of norovirus infection. *Gastroenterol Clin North Am.*, Vol.35, hal. 275-290.

Atmar R. L., Opekun A. R., Gilger M.A. 2008. Norwalk virus shedding after experimental human infection. *Emerg Infect Dis*, Vol. 14,hal.1553-1557.

Ball J.M., Graham D.Y., Opekun A.R., Gilger M.A., Guerrero R.A., Estes M.K. 1999. Recombinant Norwalk virus-like particles given orally to volunteers: phase I study. *Gastroenterol*, Vol. 117, hal. 40-48.

Balitbangkes. 2008. Laporan Nasional Riskesdas 2007. Diunduh dari: www.litbang.depkes.go.id/bl_riskesdas2007

Belliot G., Sosnovtsev, S., Mitra, T., Hammer, C., Garfield, M. dan Green, K. 2003. In vitro proteolytic processing of the MD145 norovirus ORF1 nonstructural polyprotein yields stable precursors and products similar to those detected in calicivirus-infected cells. *J Virol.*, Vol. 77, hal. 10957-74.

Bon F, Kaplon J, Metzger MH, Pothier P, 2007. Evaluation of seven immunochromatographic assays for the rapid detection of human rotaviruses in fecal specimens. *Pathol Biol* 55:149-153.

Castilho J. G., Munford V., Resque H. R., Fagundes_Neto U., Vinje J. Racz M. L., 2006. Genetic diversity of norovirus among children with gastroenteritis in Sao Paulo state, Brazil. *J Clin Microbiol*, Vol. 44, hal. 3947-3953.

Castriciano S, Luijstra K, Petrich A, Smieja M, Lee C, Jang D, Portillo E, Chernesky M, 2007. Comparison of the RIDASCREEN norovirus enzyme immunoassay to IDEIA NLV GI/GII by testing stools also assayed by RT-PCR and electron microscopy. *J Virol Methods*, Vol. 141, hal. 216-219.

Caul E. O. 1994. Small round structured viruses: airborne transmission and hospital control. *Lancet*, Vol. 343, hal. 1240-1242.

Center for Disease Control and Prevention. 2013. Norovirus. Diunduh dari: <http://www.cdc.gov/ncidod/dvrd/revb/gastro/faq.htm> (diakses pada 23 Januari 2014)

Chang K.O., George D.W. 2007. Interferons and ribavirin effectively inhibit Norwalk virus replication in replicon-bearing cells. *J Virol*, Vol. 81, hal. 12111-12118

Cheetam S., Souza M., Meulia T. 2006. Pathogenesis of a genogroup II human Norovirus in gnotobiotic pigs. *J Virol*, Vol. 80. hal 10372-10381.

Cubitt W. D., Green K. Y. and Payment P. 1998, Prevalences of antibodies to the Hawaii strain of human Calicivirus as measured by a recombinant protein based immunoassay. *J Med Virol*, Vol.54, hal. 135-139.

Dahlan M.S. 2009. *Penelitian Diagnostik*. Jakarta, Salemba Medika, hal. 19-30.

Dolin R. 2007. Noroviruses—challenges to control. *N Engl J Med*, 357, hal. 1072–1073.

Donaldson E. dan Lindesmith L. 2008. Noroviruses pathogenesis : mechanisms of persistence and immune evasion in human populations. *Immunol Rev*, Vol. 225, hal. 190-211.

Estes M., Prasad B. & Atmar R. 2006. Noroviruses everywhere: has something changed?, *Current Opin Infect Dis*, Vol.19, hal.467–74.

Fankhauser R. L., Noel J. S., Monroe S. S., Ando T. dan Glass R. I. 1998. Molecular epidemiology of "Norwalk-like viruses" in outbreaks of gastroenteritis in the United States. *J Infect Dis*, Vol. 178, hal. 1571-1578.

Feng K., Divers E., Ma Y., Li J. 2011. Inactivation of a human norovirus gamma irradiation particles, and vesicular stomatitis virus by surrogate, human norovirus virus-like, *Appl Environ Microbiol*, Vol. 77(10), hal. 3507.

Ferreira M.S.R., Victoria M., Carvalho-Costa F.A., Vieira C.B., Xavier M.P.T.P., Fioretti J.M. 2010. Surveillance of norovirus infections in the state of Rio de Janeiro, Brazil 2005-2008, Vol. 82, hal. 1442-1448.

Fujimoto T, Okafuji T, Ito M, Nukuzuma S, Chikahira M, Nishio O. 2004. Evaluation of a bedside immunochromatographic test for detection of adenovirus in respiratory samples, by comparison to virus isolation, PCR, and real-time PCR. *J Clin Microbiol* 42:5489-5492.

Gaulin C., Frigon M., Poirier D. dan Fournier C. 1999. Transmission of calicivirus by a foodhandler in the pre-symptomatic phase of illness. *Epidemiol Infect*, Vol. 123, hal. 475-478.

Glass R. I., Bresee J., Jiang B., Gentsch J., Ando T., Fankhauser R. L. 2001. Gastroenteritis viruses: an overview. *Novartis Found Symp*, Vol. 238, hal. 5-25.

Glass R I. dan Parashar U. 2009. Norovirus Gastroenteritis. *N Engl J Med*, 361, hal. 1776-1785.

Graham D. Y., Jiang X., Tanaka T., Opekun A. R., Madore H. P. dan Estes M. K. 1994. Norwalk virus infection of volunteers: new insights based on improved assays. *J Infect Dis*, Vol. 170, hal. 34-43.

Green J., Vinje J., Gallimore C.I., Koopmans M., Hale A., Brown D. W. G. 2000. Capsid protein diversity among Norwalk-like viruses. *Virus Genes*, Vol. 20, hal. 227-236.

Green K.Y. 2007. Caliciviridae: The Noroviruses. Dalam: Fields Virology, editor: Knipe DM, Howley PM, Griffin DE, Greenberg H. B., Wyatt R.G., 6 ed, Philadelphia: Lippincot Williams & Wilkins, hal. 594.

Guarino A, Albano F. 2005. Viral diarrhea. Dalam : Guandalini S, ed. Textbook of Pediatric Gastroenterology and Nutrition. London And New York: Taylor & Francis, hal.127-44.

Hall A.J., Rosenthal M., Gregoricus N. 2011. Incidence of acute gastroenteritis and role of norovirus, Georgia, USA, 2004-2005. *Emerg Infect Dis*, Vol.17, hal.1381-1388.

Hall A., Curns A., McDonalds L., Parashar U. dan Lopman B. 2012. The roles of Clostridium difficile and norovirus among gastroenteritis-associated deaths in the United States, 1999-2007. *Clin Infect Dis*, 55(2), hal. 216-23.

Hara M., Sadamatsu K., Takao S., Shinkai T., Kai A., Fukuda S., Shimazu Y., Kuwayama M., Miyazaki K. 2006. Evaluation of IC test for rapid detection of influenza A and B viruses using real time PCR. *Kansenshogaku Zasshi* 80:522-526.

Ito S., Takeshita S., Nezu A., 2006. Norovirus-associated encephalopathy. *Pediatr Infect Dis J*, Vol. 25, hal. 651-652.

Jia L., Qian Y., Zhang Y., Deng L., Liu L., Zhu R., dkk. 2014. Prevalence and genetic diversity of norovirus in outpatient pediatric clinics in Beijing, China 2010-2012, *Infect Genet Evol*, Vol. 28, hal.71-77.

Jiang X., Wang M., Wang K., Estes M.K. 1993. Sequence and genomic organization of Norwalk virus. *Virology*, Vol. 195, hal. 51-61.

Jor E., Myrmel M. dan Jonassen C.M. 2010. SyBR green based Real Time RT-PCR assay for detection and genotype prediction of bovine noroviruses and assessment of clinical significance in Norway, *J Virol Methods*, Vol. 169(1), hal.1-7.

Kapikian A. Z., Wyatt R. G ,Dolin R., Thornhill T. S., Kalica A. R. , Chanock R. M. 1972. Visualization by immune electron microscopy of a 27-nm particle

associated with acute infectious nonbacterial gastroenteritis, J Virol, Vol. 10, hal. 1075-1081.

Kapikian A. Z., 1979. Norwalk virus in vomitus. Lancet, Vol 1, hal.55.

Kaufman S. S., Chatterjee N.K., Fuschino M.E. 2005. Characteristic of human calicivirus enteritis in intestinal transplant recipients, J Pediatr Gastroenterol Nutr, Vol. 40, hal. 328-333.

Keswick B. H., Satterwhite T. K., Johnson P. C., DuPont H. L., Secor S. L., Bitsura J. A., Gary G. W. dkk. 1985. Inactivation of Norwalk virus in drinking water by chlorine. Appl. Environ. Microbiol., Vol. 50, hal. 261-264.

Khamrin P., Nguyen T.A., Phan T.G., Satou K., Masuoka Y., Okitsu S., Maneekarn N., Nishio O., Ushijima H., 2008. Evaluation of immunochromatography and commercial enzyme-linked immunosorbent assay for rapid detection of norovirus antigen in stool samples J Virol. Methods, Vol. 147, hal. 360–363.

Khamrin P, Thongprachum A, Okitsu S, Maneekarn N, Hayakawa S, Ushijima H. 2014. Comparison of three rapid tests for detection of norovirus in stool samples of acute gastroenteritis pediatric patients. J Trop Pediatr, Vol. 6, hal. 481-3.

Kim H., Kirby A. Dove W., Ashton L. 2010. Detection of norovirus in mouth-wash samples from patient with acute gastroenteritis. J Clin Virol, Vol. 48, hal. 285-287.

Kohn J., 1968. An immunochromatographic technique. Immunology, Vol. 15, hal. 863-865.

Kojima S., Kageyama T., Fukushi S., Hoshino F.B., Shinohara M., Uchida K., 2002. Genogroup-specific PCR primers for detection of Norwalk-like viruses. J Virol Methods, Vol. 100, hal.107–114.

Koopmans M., von-Bonsdorff C., Vinje J., de-Medici D. dan Monroe S. 2002. Foodborne viruses. FEMS Microbiol Rev, 2, hal. 187-205.

Koopmans M., Duizer E. 2004. Foodborne viruses: an emerging problem. International J Food Microbiol, Vol.90, hal. 23-41.

Lopman B., Brown D. dan Koopmans M. 2002. Human caliciviruses in Europe. J Clin Virol, 24, hal. 137-160.

Marshall I. A., Hellard M. E., Sinclair M. I., Fairly C. K. Cox B. J., Catton M. G. 2003. Incidence and characteristics of endemic Norwalk-like virus-associated gastroenteritis. J Med Virol. Vol. 69, hal. 568-578.

Mead P., Slutsker L., Dietz V., McCaig L., Bresee J. & Shapiro C. 1999. Food-related illness and death in the United States. Emerg Infect Dis, Vol.5, hal. 607–625.

Meeroff J.C., Scheiber D.S., Trier J.S., & Blacklow N.R. 1980. Abnormal gastric motor function in viral gastroenteritis. Ann Intern Med, Vol.92, hal.370-373.

Mesquita J., Costa I., Oleastro M., Conceição-Neto N. dan Nascimento M. 2014. First report of a norovirus outbreak associated with the variant Sydney 2012 in Portugal. J Infect Dev Ctries, Vol. 8(10), hal. 1350-1352.

Morillo S.G., Timenetsky M.C.S.T. 2011. Norovirus: an overview. Rev Assoc Med Bras. Vol 57, hal. 453-458

Nilsson M. 2003. Evolution of human Calicivirus RNA in vivo: accumulation of mutations in the protruding P2 domain of the capsid leads to structural changes and possibly a new phenotype. *J Virol*, Vol. 77, hal. 13117-131124.

Pang XL, Honma S, Nakata S. 1999. Human caliciviruses in acute gastroenteritis of young children in the community. *J Infect Dis*, Vol.181, hal.288-294.

Patel M.M., Widdowson M.A., Glass R.I., 2008. Systematic literature review of role of noroviruses in sporadic gastroenteritis. *Emerg Infect Dis*, Vol. 14, 1224-1231.

Patel M.M., Hall A.J., Vinje J.,Parashar U.D. 2009. Noroviruses: a comprehensive review. *J Clin Virol*, Vol. 44, hal. 1-8.

Payne D. C. dan Vinje J. 2013. Norovirus and medically attended gastroenteritis in U.S. children. *N Engl J Med*, Vol. 368, hal. 1121-1130.

Prasad B., Hardy M., Dokland T., Bella J., Rossmann M. dan Estes M. 1999. X-ray crystallographic structure of the Norwalk virus capsid. *Science*, Vol. 286, hal. 287-90.

Peruski AH, Peruski LF Jr. 2003. Immunological methods for detection and identification of infectious disease and biological warfare agents. *Clin Diagn Lab Immunol*, Vol.10, hal. 506-513.

Pombubpa K. dan Kittigul L. 2012. Assesment of a rapid immunochromatographic test for the diagnosis of norovirus gastroenteritis. *Eur J Clin Microbiol Infect Dis*, Vol. 31, hal. 2379-83.

Rabenau H.F., Stürmer M., Buxbaum S., Walczok A., Preiser W., Doerr H.W. 2003. Laboratory Diagnosis of Norovirus: Which Method Is the Best? *Intervirology*. Vol.46. hal.232–238.

Richardson C, Bargatze R.F., Goodwin R., Mendelman P.M. 2013. Norovirus virus-like particle vaccines for the prevention of acute gastroenteritis. *Exp Rev Vaccines*, Vol. 12, hal. 155–67.

Rockx B., De Wit M., Vennema H. 2002. Natural history of human calicivirus infection: a prospective cohort study. *Clin Infect Dis*, Vol. 35, hal. 246-253.

Rossignol J.F., El-Gohary Y.M. 2006. Nitazoxanide in the treatment of viral gastroenteritis: a randomized double-blind placebo controlled clinical trial. *Aliment Pharmacol Ther*, Vol. 24, hal. 1423-1430.

Saito Y., Kato D., Inano K. 2014. Development of norovirus rapid detection kit "QuickNavi™-Norovirus 2". *Rinsho Biseibutshu Jinsoku Shindan Kenkyukai Shi*, Vol. 24(2), hal.45-50.

Satrosamoro, S. dan Ismael, S. 2011. *Dasar-dasar Metodologi Penelitian Klinis*. 4 ed. Jakarta, CV Sagung Seto, hal. 223-235.

Schiller L.R. 2007. Management of diarrhea in clinical practice: strategies for primary care physicians. *Rev Gastroenterol Disorders*, Vol. 7, hal. S27-S38.

Scrheiber D.S, Blacklow N. R,Trier J.S.,1973. The mucosal lesion of the proximal small intestine in acute infectious nonbacterial gastroenteritis. *N Engl J Med*, Vol. 288,hal. 1318-1323

Soeparto P, Djupri LS, Marto Sudarmo S, Ranuh RG. 1999. Diare akut. Dalam: Soeparto P, Djupri LS, Marto Sudarmo S, Ranuh RG, ed. *Sindroma Diare*. Surabaya : GRAMIK FK, hal. 37 – 153.

Subagyo B. dan Santoso N. B. 2010. Diare Akut. dalam: Juffrie M., Soenarto S. S. Y., Oswari H., Arief S., Rosalina I. dan Mulyani N. S. (editor) *Buku Ajar Gastroenterologi-Hepatologi*. Jakarta: Badan Penerbit IDAI, hal.87-120.

Subekti D. S., Tjaniadi P., Lesmana M., Simanjuntak C., Komalarini S., Digdowirogo H., dkk. 2002. Characterization of norwalk-like virus associated with gastroenteritis in Indonesia, J Med Virol, Vol. 67, hal. 253-258.

Takanashi S, Okame M, Shiota T, Takagi M, Yagyu F, Tung PG, Nishimura S, Katsumata Igarashi T, Okitsu S, Ushijima H. 2008. Development of a rapid immunochromatographic test for noroviruses genogroups I and II. J Virol Methods, Vol. 148, hal. 1-8.

Takanashi S., Hashira S., Matsunaga T., Yoshida A., Shiota T., Tung P. G. 2009. Detection, genetic characterization, and quantification of norovirus RNA from sera of children with gastroenteritis, J Clin Virol, Vol. 44(2), hal. 161-163.

Thongprachum A., Khamrin P., Tran D.N., Okitsu S., Mizuguchi M., Hayakawa S., Maneekarn N., Ushijima H. 2012. Evaluation and comparison of the efficiency of immunochromatography methods for norovirus detection. Clin Lab. Vol. 58(5-6), hal.489-493.

Treanor J.J., Atmar R.L., Frey S.E., Gormley R, Chen W.H., Ferreira J., Goodwin R., Borkowski A., Clemens R., Mendelman P.M. 2014. A novel intramuscular bivalent norovirus virus-like particle vaccine candidate-reactogenicity, safety, and immunogenicity in a phase 1 trial in healthy adults. J Infect Dis, Vol.210, hal.1763–1771.

Tu E. T., Nguyen T., Lee P. Bull R. A., Musto J. 2007. Norovirus G II.4 strains and outbreaks, Australia. Emerg Infect Dis, Vol.13, hal.1128-1130.

UNICEF/WHO. 2009. Diarrhoea: Why children are still dying and what can be done. Diunduh dari:

http://www.who.int/maternal_child_adolescent/documents/9789241598415/en/ [Diakses: 13 Januari 2014]

Vainio K, Myrmel M. 2006. Molecular epidemiology of norovirus outbreaks in Norway during 2000 to 2005 and comparison of four norovirus real-time reverse transcriptase PCR assays. *J Clin Microbiol* 44:3695–702.

Viera A.J. dan Garrett J.M., 2005. Understanding interobserver agreement: The Kappa statistic. *Fam Med*, Vol 37, hal. 360-3

Vincent W. F. 2013. Norovirus Infections – An Overview. *Infect Dis Update*, Vol. 20, hal. 14-18.

Vinje J., Altena S.A., Koopmans M.P. 1997. The Incidence and genetic variability of small round-structured viruses in outbreaks of gastroenteritis in the Netherland. *J Infect Dis*, Vol. 176, hal. 1374-1378.

Vinje J., Vennema H., Maunula L., 2003. International collaborative study to compare reverse transcriptase PCR assays for detection and genotyping of noroviruses. *J Clin Microbiol*, Vol. 41, hal. 1423-1433.

Widdowson M. A., Monroe S. S. dan Glass, R. I. 2005. Are Noroviruses Emerging? *Emerg Infect Dis*, Vol. 11, hal. 735-737.

Zheng D. P., Ando T., Fankhauser R. L., Beard R. S., Glass R. I. dan Monroe S. S. 2006. Norovirus classification and proposed strain nomenclature. *Virology*, Vol. 346, hal: 312-323.