



## DAFTAR PUSTAKA

- Ahdieh, L., Klein, R.S., Burk, R., Cu-Uvin, S., Schuman, P., Duerr, A., Safaeian, M., Astemborski, J., Daniel, R., Shah, K., 2001. Prevalence, incidence, and type-specific persistence of human papillomavirus in human immunodeficiency virus (HIV)-positive and HIV-negative women. *J. Infect. Dis.* 184, 682–690. <https://doi.org/10.1086/323081>
- Browder, J.F., Araujo, O.E., Myer, N.A., Flowers, F.P., 1992. The Interferons and Their Use in Condyloma Acuminata. *Ann. Pharmacother.* 26, 42–45.
- Burchell, A.N., Winer, R.L., de Sanjosé, S., Franco, E.L., 2006. Chapter 6: Epidemiology and transmission dynamics of genital HPV infection. *Vaccine* 24, 52–61. <https://doi.org/10.1016/j.vaccine.2006.05.031>
- Camargo, C.C. de, Tasca, K.I., Mendes, M.B., Miot, H.A., Souza, L. do R. de, 2014. Prevalence of Anogenital Warts in Men with HIV/AIDS and Associated Factors. *Open AIDS J.* 8, 25–30. <https://doi.org/10.2174/1874613601408010025>
- Camargo, M., Del Río-Ospina, L., Soto-De León, S.C., Sánchez, R., Pineda-Peña, A.C., Sussmann, O., Patarroyo, M.E., Patarroyo, M.A., 2018. Association of HIV status with infection by multiple HPV types. *Trop. Med. Int. Heal.* 23, 1259–1268. <https://doi.org/10.1111/tmi.13142>
- Chen, H., Zhuo, C., Zheng, L., 2022. Assessing Causal Associations of Atopic Dermatitis With Heart Failure and Other Cardiovascular Outcomes: A Mendelian Randomization Study. *Front. Cardiovasc. Med.* 9, 1–8. <https://doi.org/10.3389/fcvm.2022.868850>
- Chiao, E.Y., Giordano, T.P., Palefsky, J.M., Tyring, S., Serag, H. El, 2006. Screening HIV-infected individuals for anal cancer precursor lesions: A systematic review. *Clin. Infect. Dis.* 43, 223–233. <https://doi.org/10.1086/505219>
- Chin-Hong, P. V., Palefsky, J.M., 2005. Human papillomavirus anogenital disease in HIV-infected individuals. *Dermatol. Ther.* 18, 67–76. <https://doi.org/10.1111/j.1529-8019.2005.05009.x>
- Chopra, K.F., Tyring, S.K., 1997. The Impact of the Human Immunodeficiency Virus on the Human Papillomavirus Epidemic. *Arch Dermatol.* 133, 629–33.
- Coleman, N., Birley, H.D.L., Renton, A.M., Hanna, N.F., Ryait, B.K., Byrne, M., Taylor-Robinson, D., Stanley, M.A., 1994. Immunological events in regressing genital warts. *Am. J. Clin. Pathol.* 102, 768–774. <https://doi.org/10.1093/ajcp/102.6.768>
- Cong, X., Sun, R., Zhang, X., Wang, Y., Wang, L., Yu, Y., 2016. Correlation of human papillomavirus types with clinical features of patients with condyloma acuminatum in China. *Int. J. Dermatol.* 55, 775–780. <https://doi.org/10.1111/ijd.12964>
- Dahlan, M.S., 2013. Besar Sampel dan Cara Pengambilan Sampel, Tiga. ed. Salemba Medika, Jakarta.
- Dolei, A., Curreli, S., Marongiu, P., 1999. Human immunodeficiency virus infection in vitro activates naturally integrated human papillomavirus type 18 and induces synthesis of the L1 capsid protein. *J. Gen. Virol.* 80, 2937–2944.



- Elder, D., Elenitsas, R., Rubin, A., Loffreda, M., Miller, J., Miller, O., 2013. Localized superficial epidermal or melanocytic proliferations, in: Atlas and Synopsis of Lever's Histopathology of the Skin. Lipincott Williams & Wilkins, Philadelphia, pp. 17–69.
- Feng, J.Y., Peng, Z.H., Tang, X.P., Geng, S.M., Liu, Y.P., 2008. Immunohistochemical and ultrastructural features of Langerhans cells in condyloma acuminatum. *J. Cutan. Pathol.* 35, 15–20. <https://doi.org/10.1111/j.1600-0560.2007.00763.x>
- Frisch, M., Biggar, R.J., Goedert, J.J., 2000. Human papillomavirus-associated cancers in patients with human immunodeficiency virus infection and acquired immunodeficiency syndrome. *J. Natl. Cancer Inst.* 92, 1500–1510. <https://doi.org/10.1093/jnci/92.18.1500>
- Galea, J.T., Kinsler, J.J., Galan, D.B., Calvo, G., Sánchez, H., Leon, S.R., Klausner, J.D., Brown, B., 2015. Factors associated with visible anogenital warts among HIV-uninfected Peruvian men who have sex with men and transwomen: A cross-sectional study. *Sex. Transm. Dis.* 42, 202–207. <https://doi.org/10.1097/OLQ.0000000000000253>
- Gilson, R., Nugent, D., Werner, R.N., Ballesteros, J., Ross, J., 2020. 2019 IUSTI-Europe guideline for the management of anogenital warts. *J. Eur. Acad. Dermatology Venereol.* 34, 1644–1653. <https://doi.org/10.1111/jdv.16522>
- Gonçalves, M.A.G., Soares, E.G., Donadi, E.A., 2009. The influence of human papillomavirus type and HIV status on the lymphomononuclear cell profile in patients with cervical intraepithelial lesions of different severity. *Infect. Agent. Cancer* 4, 2–10. <https://doi.org/10.1186/1750-9378-4-11>
- Hammad, N.M., Marei, A., El-Didamony, G., Mortada, Z., Elradi, M., Afifi, A.H.M., Kadry, H.M., 2021. Predictors of the therapeutic response to intralesional bivalent hpv vaccine in wart immunotherapy. *Vaccines* 9, 1–11. <https://doi.org/10.3390/vaccines9111280>
- He, Y., Li, J., Zheng, Y., Luo, Y., Zhou, H., Yao, Y., Chen, X., Chen, Z., He, M., 2012. A randomized case-control study of dynamic changes in peripheral blood Th17/Treg cell balance and interleukin-17 levels in highly active antiretroviral-treated HIV type 1/AIDS patients. *AIDS Res. Hum. Retroviruses* 28, 339–345. <https://doi.org/10.1089/aid.2011.0140>
- Hibma, M.H., 2013. The Immune Response to Papillomavirus During Infection Persistence and Regression. *Open Virol. J.* 6, 241–248. <https://doi.org/10.2174/1874357901206010241>
- Hildesheim, A., Schiffman, M.H., Gravitt, P.E., Glass, A.G., Greer, C.E., Zhang, T., Scott, D.R., Rush, B.B., Lawler, P., Sherman, M.E., Kurman, R.J., Manos, M.M., 1994. Persistence of type-specific human papillomavirus infection among cytologically normal women. *J. Infect. Dis.* 169, 235–240. <https://doi.org/10.1093/infdis/169.2.235>
- IARC, 2009. A review of Human carcinogens. Part B: Biological agents/IARC Working Group on the Evaluation of Carcinogenic Risks to Humans. *Int. Agency Res. Cancer*, 2012 100 B, 1–441.
- Kimura, S., 1980. Condyloma acuminata with pigmented papular lesions. *Dermatologica* 160, 390–97.



- Konopnicki, D., Manigart, Y., Gilles, C., Barlow, P., De Marchin, J., Feoli, F., Larsimont, D., Delforge, M., De Wit, S., Clumeck, N., 2013. High-risk human papillomavirus infection in HIV-positive African women living in Europe. *J. Int. AIDS Soc.* 16, 1–6. <https://doi.org/10.7448/IAS.16.1.18023>
- Le Poole, C., Denman, C.J., Arbiser, J.L., 2008. Immunosuppression may be present within condyloma acuminata. *J. Am. Acad. Dermatol.* 59, 967–974. <https://doi.org/10.1016/j.jaad.2008.08.011>
- Li, X., Li, M., Yang, Y., Zhong, X., Feng, B., Xin, H., Li, Z., Jin, Q., Gao, L., 2016. Anal HPV/HIV co-infection among Men Who Have Sex with Men: A cross-sectional survey from three cities in China. *Sci. Rep.* 6, 1–9. <https://doi.org/10.1038/srep21368>
- Low, A.J., Clayton, T., Konate, I., Nagot, N., Ouedraogo, A., Huet, C., Didelot-Rousseau, M.N., Segondy, M., Van de Perre, P., Mayaud, P., 2011. Genital warts and infection with human immunodeficiency virus in high-risk women in Burkina Faso: A longitudinal study. *BMC Infect. Dis.* 11, 1–9. <https://doi.org/10.1186/1471-2334-11-20>
- Luu, H.N., Amirian, E.S., Chan, W., Beasley, R.P., Piller, L.B., Scheurer, M.E., 2012. CD4 + cell count and HIV load as predictors of size of anal warts over time in HIV-infected women. *J. Infect. Dis.* 205, 578–585. <https://doi.org/10.1093/infdis/jir813>
- Minkoff, H.L., Eisenberger-Matityahu, D., Feldman, J., Burk, R., Clarke, L., 1999. Prevalence and incidence of gynecologic disorders among women infected with human immunodeficiency virus. *Am. J. Obstet. Gynecol.* 180, 824–836. [https://doi.org/10.1016/S0002-9378\(99\)70653-8](https://doi.org/10.1016/S0002-9378(99)70653-8)
- Mudrikova, T., Jaspers, C., Ellerbroek, P., Hoepelman, A., 2008. HPV-related anogenital disease and HIV infection: Not always “ordinary” condylomata acuminata. *Neth. J. Med.* 66, 98–102.
- Musa, F., Shaviya, N., Mambo, F., Abonyo, C., Barasa, E., Wafula, P., Sowayi, G., Barasa, M., Were, T., 2021. Cytokine profiles in highly active antiretroviral treatment non-adherent, adherent and naive HIV-1 infected patients in Western Kenya. *Afr. Health Sci.* 21, 1584–1592. <https://doi.org/10.4314/ahs.v21i4.12>
- Nareswari, A., Bhadra, P., Mardiana, ., Kusuma, H.P., Ellistasari, E.Y., 2021. Gender Differences in Sociodemographic Characteristics and Risk Factors among Condyloma Acuminata Patients in Dr. Moewardi General Hospital Surakarta 14, 214–218. <https://doi.org/10.5220/0008154202140218>
- Nowak, R.G., Gravitt, P.E., Morrison, C.S., Gange, S.J., Kwok, C., Oliver, A.E., Howard, R., Van Der Pol, B., Salata, R.A., Padian, N.S., Chipato, T., Munjoma, M., Celentano, D.D., 2011. Increases in human papillomavirus detection during early HIV infection among women in Zimbabwe. *J. Infect. Dis.* 203, 1182–1191. <https://doi.org/10.1093/infdis/jiq172>
- Palefsky, J., 2006. Biology of HPV in HIV infection. *Adv. Dent. Res.* 19, 99–105. <https://doi.org/10.1177/154407370601900120>
- Palefsky, J.M., 2003. Cervical human papillomavirus infection and cervical intraepithelial neoplasia in women positive for human immunodeficiency virus in the era of highly active antiretroviral therapy. *Curr. Opin. Oncol.* 15,



- 382–388. <https://doi.org/10.1097/00001622-200309000-00007>
- Palefsky, J.M., Holly, E.A., Efirdc, J.T., Da Costa, M., Jay, N., Berry, J.M., Darragh, T.M., 2005. Anal intraepithelial neoplasia in the highly active antiretroviral therapy era among HIV-positive men who have sex with men. *Aids* 19, 1407–1414. <https://doi.org/10.1097/01.aids.0000181012.62385.4a>
- Puspawati, N.M.D., Sissy, S., Gotama, D., 2018. A retrospective study of condyloma acuminata profile in outpatient clinic of dermatovenereology Sanglah General Hospital Denpasar, Bali-Indonesia period 2015-2017. *Bali Dermatology Venereol. J.* 1, 1–3. <https://doi.org/10.15562/bdv.v1i1.1>
- Schiffman, M., Kjaer, S.K., 2003. Chapter 2: Natural history of anogenital human papillomavirus infection and neoplasia. *J. Natl. Cancer Inst. Monogr.* 20852, 14–19. <https://doi.org/10.1093/oxfordjournals.jncimonographs.a003476>
- Shi, Y.J., Yang, J., Yang, W., 2013. Mechanistic investigation of immunosuppression in patients with condyloma acuminata. *Mol. Med. Rep.* 8, 480–486. <https://doi.org/10.3892/mmr.2013.1511>
- Sterling, J.C., 2017. Human Papillomavirus Infections, in: Fitzpatrick's Dermatology 9th Ed. McGraw-Hill Education, New York City, pp. 3095–3106.
- Strickler, H.D., Burk, R.D., Fazzari, M., Anastos, K., Minkoff, H., Massad, L.S., Hall, C., Bacon, M., Levine, A.M., Watts, D.H., Silverberg, M.J., Xue, X., Schlecht, N.F., Melnick, S., Palefsky, J.M., 2005. Natural history and possible reactivation of human papillomavirus in human immunodeficiency virus-positive women. *J. Natl. Cancer Inst.* 97, 577–586. <https://doi.org/10.1093/jnci/dji073>
- Tobian, A.A.R., Grabowski, M.K., Kigozi, G., Redd, A.D., Eaton, K.P., Serwadda, D., Cornish, T.C., Nalugoda, F., Watya, S., Buwembo, D., Nkale, J., Wawer, M.J., Quinn, T.C., Gray, R.H., 2013. Human papillomavirus clearance among males is associated with HIV acquisition and increased dendritic cell density in the foreskin. *J. Infect. Dis.* 207, 1713–1722. <https://doi.org/10.1093/infdis/jit035>
- Tornesello, M., Buonaguro, F., Beth-Giraldo, E., 1993. Human immunodeficiency virus type 1 tat gene enhances human papillomavirus early gene expression. *Intervirology* 36, 57–64.
- Veldhuijzen, N.J., Snijders, P.J.F., Reiss, P., Meijer, C.J.L.M., van de Wijgert, J.H.H.M., 2010. Factors affecting transmission of mucosal human papillomavirus. *Lancet Infect. Dis.* 10, 862–874. [https://doi.org/10.1016/S1473-3099\(10\)70190-0](https://doi.org/10.1016/S1473-3099(10)70190-0)
- Venuti, A., Marcante, M.L., Flaminii, S., Di Castro, V., Bagnato, A., 1997. The autonomous growth of human papillomavirus type 16-immortalized keratinocytes is related to the endothelin-1 autocrine loop. *J. Virol.* 71, 6898–6904. <https://doi.org/10.1128/jvi.71.9.6898-6904.1997>
- Vernon, S., Hart, C., Reeves, W., Icenogle, J., 1993. The HIV-1 tat protein enhances E2-dependent human papillomavirus 16 transcription. *Virus Res.* 27, 133–145.
- Wieland, U., Kreuter, A., Pfister, H., 2014. Human papillomavirus and immunosuppression. *Curr. Probl. Dermatology* 45, 154–165. <https://doi.org/10.1159/000357907>



- Winer, R.L., Koutsy, L.A., 2008. Genital human papillomavirus infection, in: Holmes, K.K. (Ed.), Sexually Transmitted Diseases. Mc Graw-Hill, pp. 489–508.
- Zhang, P., Liu, W., Yuan, X., Li, D., Gu, W., Gao, T., 2013. Endothelin-1 enhances the melanogenesis via MITF-GPNMB pathway. *BMB Rep.* 46, 364–369. <https://doi.org/10.5483/BMBRep.2013.46.7.250>
- Zhang, Z.Q., Wietgrefe, S.W., Li, Q., Shore, M.D., Duan, L., Reilly, C., Lifson, J.D., Haase, A.T., 2004. Roles of substrate availability and infection of resting and activated CD4+ T cells in transmission and acute simian immunodeficiency virus infection. *Proc. Natl. Acad. Sci. U. S. A.* 101, 5640–5645. <https://doi.org/10.1073/pnas.0308425101>
- Zheng, Y., Zhou, H., He, Y., Chen, Z., He, B., He, M., 2014. The immune pathogenesis of immune reconstitution inflammatory syndrome associated with HAART in AIDS. *AIDS Res. Hum. Retroviruses* 30, 1197–1202.
- Zhou, X., Tian, T., Lu, Z., Yu, Y.F., Li, Y., Zhou, Y., Lin, Y.F., Strong, C., Zou, H., 2023. Incidence, persistence, and clearance of anogenital human papillomavirus among men who have sex with men in Taiwan: a community cohort study. *Front. Immunol.* 14, 1–12. <https://doi.org/10.3389/fimmu.2023.1190007>