

DAFTAR PUSTAKA

- Albuquerque, A., & Medeiros, R. (2019). New Insights into the Role of *Human Papillomavirus in Anal Cancer* and Anal Wart Development. *Acta Cytologica*, 63(2), 118–123. <https://doi.org/10.1159/000491815>
- Anum, Q., Lestari, S., Prihatinngum, T., & Putri, E. (2016). Manifestasi klinis kutil kelamin pada pasien Poliklinik Kulit dan Kelamin RS. Dr. M. Djamil, Padang. *Media Dermato-Venereologica Indonesiana*, 43(3), 89–93.
- Arnold, J.D. *et al.* (2021) 'The risk of anal carcinoma after anogenital warts in adults living with HIV', *JAMA Dermatology*, 157(3), pp. 283–289.
- Alexandre, L. *et al.* (2021) 'Socioeconomic determinants of sexually transmitted infections', *The Lancet Public Health*, 6(9), pp. e684–e695.
- Aziz, H., Sattar, A. A., Mahmood, H., Fatima, S., Khurshid, M., & Faheem, M. (2023). Prevalence of HPV types in HIV-positive and negative females with normal cervical cytology or dysplasia. *Journal of Clinical Laboratory Analysis*, 37(4). <https://doi.org/10.1002/JCLA.24851>
- Badial, R. M., Dias, M. C., Stuqui, B., Melli, P. P. dos S., Quintana, S. M., Bonfim, C. M. do, Cordeiro, J. A., Rabachini, T., Calmon, M. de F., Provazzi, P. J. S., & Rahal, P. (2018). Detection and genotyping of *human papillomavirus (HPV)* in HIV-infected women and its relationship with HPV/HIV co-infection. *Medicine*, 97(14).
- Boda, D. *et al.* (2021) '*Human papillomavirus*: structure, replication and carcinogenesis', *Pathogens*, 10(2), pp. 1–25.
- Bowden, S.J., Doulgeraki, T., Bouras, E. *et al.* (2023) 'Risk factors for human papillomavirus infection, cervical intraepithelial neoplasia and cervical cancer: an umbrella review and follow-up Mendelian randomisation studies', *BMC Medicine*, 21, 274. <https://doi.org/10.1186/s12916-023-02965-w>
- Brickman, C., & Palefsky, J. M. (2015). *Human papillomavirus* in the HIV-infected host: epidemiology and pathogenesis in the antiretroviral era. *Current HIV/AIDS Reports*, 12(1), 6–15. <https://doi.org/10.1007/S11904-014-0254-4>
- Cassani, C., Dominoni, M., Pasquali, M.F., Gardella, B. and Spinillo, A. (2024) 'The role of multiple high-risk human papillomavirus infection on the persistence/recurrence of high-grade cervical lesions after standard treatment: A systematic review and a meta-analysis', *Acta Obstetrica et Gynecologica Scandinavica*, 103(6), pp. 1028–1035. <https://doi.org/10.1111/aogs.14827>
- Centers for Disease Control and Prevention. (2022a). *HIV and Injection Drug Use*. <https://www.cdc.gov/hiv/basics/hiv-transmission/injection-drug-use.html>
- Centers for Disease Control and Prevention. (2022b). *HIV Testing*. <https://www.cdc.gov/hiv/testing/index.html#>
- Chelimo, C., Wouldes, T. A., Cameron, L. D., & Elwood, J. M. (2013). Risk factors for and prevention of *human papillomaviruses* (HPV), genital warts and cervical cancer. *Journal of Infection*, 66(3), 207–217. <https://doi.org/10.1016/J.JINF.2012.10.024>
- Chikandiwa, A. *et al.* (2019) 'Incidence , Persistence , Clearance , and Correlates of Genital *Human Papillomavirus* Infection and Anogenital Warts in a Cohort of Men Living With Human Immunodeficiency Virus in South Africa', 46(5), pp. 347–353. doi:10.1097/OLQ.0000000000000979.
- Chin-Hong, P.V. *et al.* (2021) '*Natural* history of anal high-grade *squamous intraepithelial lesions* in men', *The Lancet HIV*, 8(6), pp. e347–e356.
- Ciavattini, A. *et al.* (2020) 'HPV genotypes and persistence patterns in cervical infection', *International Journal of Gynecology & Obstetrics*, 151(2), pp. 214–219.
- Clanner-Engelshofen, B. M., Marsela, E., Engelsberger, N., Guertler, A., Schaubert, J., French, L. E., & Reinholz, M. (2020). Condylomata acuminata: A retrospective analysis

- on clinical characteristics and treatment options. *Heliyon*, 6(3). <https://doi.org/10.1016/J.HELIYON.2020.E03547>
- Cocchio, S., Bertoncello, C., Baldovin, T., Buja, A., Majori, S., & Baldo, V. (2018). Self-reported genital warts among sexually-active university students: A cross-sectional study. *BMC Infectious Diseases*, 18(1), 1–8. <https://doi.org/10.1186/S12879-018-2954-7/TABLES/3>
- Dareng, E. O., Adebamowo, S. N., Famooto, A., Olawande, O., Odutola, M. K., Olaniyan, Y., Offiong, R. A., Pharoah, P. P., & Adebamowo, C. A. (2019). Prevalence and incidence of genital warts and cervical *Human Papillomavirus* infections in Nigerian women. *BMC Infectious Diseases*, 19(1). <https://doi.org/10.1186/S12879-018-3582-Y>
- Dhumale, S. B., Sharma, S., & Gulbake, A. (2017). Ano-Genital Warts and HIV Status– A Clinical Study. *Journal of Clinical and Diagnostic Research : JCDR*, 11(1), WC01. <https://doi.org/10.7860/JCDR/2017/24610.9171>
- Dițescu, D., Istrate-Ofițeru, A. M., Roșu, G. C., Iovan, L., Liliac, I. M., Zorilă, G. L., Bălășoiu, M., & Cercelaru, L. (2021). Clinical and pathological aspects of condyloma acuminatum – review of literature and case presentation. *Romanian Journal of Morphology and Embryology*, 62(2), 369. <https://doi.org/10.47162/RJME.62.2.03>
- Durvasula, R., & Miller, T. R. (2014). Substance abuse treatment in persons with HIV/AIDS: challenges in managing triple diagnosis. *Behavioral Medicine (Washington, D.C.)*, 40(2), 43–52. <https://doi.org/10.1080/08964289.2013.866540>
- Furukawa, S., Uota, S., Yamana, T., Sahara, R., Iihara, K., Yokomaku, Y., Iwatani, Y., & Sugiura, W. (2018). Distribution of *Human Papillomavirus* Genotype in Anal Condyloma Acuminatum Among Japanese Men: The Higher Prevalence of High Risk *Human Papillomavirus* in Men Who Have Sex with Men with HIV Infection. *AIDS Research and Human Retroviruses*, 34(4), 375–381. <https://doi.org/10.1089/AID.2017.0197>
- German Advisory Committee Blood (Arbeitskreis Blut), S. 'Assessment of P. T. by B. (2016). Human Immunodeficiency Virus (HIV). In *Transfusion medicine and hemotherapy : offizielles Organ der Deutschen Gesellschaft fur Transfusionsmedizin und Immunhamatologie* (Vol. 43, Issue 3, pp. 203–222). <https://doi.org/10.1159/000445852>
- Hewavisenti, R. V., Arena, J., Ahlenstiel, C. L., & Sasson, S. C. (2023). *Human papillomavirus* in the setting of immunodeficiency: Pathogenesis and the emergence of next-generation therapies to reduce the high associated cancer risk. *Frontiers in Immunology*, 14. <https://doi.org/10.3389/FIMMU.2023.1112513>
- Hua, H., Zhou, S., Gu, L., Shi, Z., Gu, L. and Zhou, B. (2021) 'Multiple-type HPV infection predicting condyloma acuminatum recurrence after aminolevulinic acid photodynamic therapy', Photodiagnosis and Photodynamic Therapy, 36, 102538. <https://doi.org/10.1016/j.pdpdt.2021.102538>
- Jayadharma, I. B. G., & Wiraguna, A. A. G. P. (2020). Gambaran karakteristik pasien kondiloma akuminata dengan infeksi HIV/AIDS di RSUP Sanglah, Denpasar, Indonesia tahun 2011-2015. *Intisari Sains Medis*, 11(3), 1308–1312. <https://doi.org/10.15562/ISM.V11I3.735>
- Kang, S., Amagai, M., Baruckner, A. L., Enk, A. H., Margolis, D. J., McMichael, A. J., & Orringer, J. S. (2019). *Fitzpatrick's Dermatology 9th Edition*.
- Kim, J., Park, Y.-G. and Kim, B.G. (2022) 'Correlation between recurrence of anorectal condyloma acuminatum and human papilloma virus subtype', *Genes & Genomics*, 44, pp. 389–394. <https://doi.org/10.1007/s13258-022-01221-4>
- Liu, J., Yang, R., Zhao, X., Chu, W., Li, D., Wang, F., & Wei, L. (2023). Risk factors of oncogenic HPV infection in HIV-positive men with anal condyloma acuminata in Shenzhen, Southeast China: a retrospective cohort study. *Frontiers in Public Health*, 11, 943115. <https://doi.org/10.3389/fpubh.2023.943115>
- Liu, Z. et al. (2022) 'Anal HPV infection and persistence among high-risk populations', *Clinical Infectious Diseases*, 75(4), pp. 624–632.

- Luh, N., Pitawati, P., Made, N., Sultradewi Kesuma, T., & Kesuma, T. S. (2023). Characteristics of condyloma acuminata patients with HIV/AIDS at Prof. Dr. Sulianti Saroso infectious diseases hospital during 2019-2023. *Indonesia Journal of Biomedical Science*, 17(2), 211–214. <https://doi.org/10.15562/IJBS.V17I2.493>
- Lukács, A., Máté, Z., Farkas, N., Mikó, A., Tenk, J., Hegyi, P., Németh, B., Czumbel, L. M., Wuttapon, S., Kiss, I., Gyöngyi, Z., Varga, G., Rumbus, Z., & Szabó, A. (2020). The quadrivalent HPV vaccine is protective against genital warts: A meta-analysis. *BMC Public Health*, 20(1), 1–16. <https://doi.org/10.1186/S12889-020-08753-Y/TABLES/4>
- Luria, L., & Cardoza-Favarato, G. (2023). *Human Papillomavirus. Encyclopedia of Child and Adolescent Health, First Edition*, 1, 953– 964. <https://doi.org/10.1016/B978-0-12-818872-9.00010-8>
- Mastutik, G., Rahniayu, A., Murtiastutik, D., Arista, A., Setyaningrum, T., Missaoui, N., & Putra, S. T. (2021). Distribution Genotype High Risk (HR) And Low Risk (LR) *Human Papillomavirus (HPV)* at Condyloma Acuminata. *Biomolecular and Health Science Journal*, 4(1), 10. <https://doi.org/10.20473/BHSJ.V4I1.26250>
- Mcharo, R., Lennemann, T., France, J., Torres, L., Garí, M., Mbuya, W., Mwalongo, W., Mahenge, A., Bauer, A., Mnkai, J., Glasmeier, L., Judick, M., Paul, M., Schroeder, N., Msomba, B., Sembo, M., Chiwerengo, N., Hoelscher, M., Geisenberger, O., ... Geldmacher, C. (2021). HPV Type Distribution in HIV Positive and Negative Women With or Without Cervical Dysplasia or Cancer in East Africa. *Frontiers i Oncology*, 11, 763717. <https://doi.org/10.3389/fonc.2021.763717>
- Mirjalali, H. et al. (2022) 'Host and viral determinants of HPV persistence', *Virology Journal*, 19, 180.
- Moscicki, A.-B. (2021) 'Natural History of HPV Infection Latency and Clearance', *Indian Journal of Gynecologic Oncology*, 19, 46.
- Münger, K., Baldwin, A., Edwards, K. M., Hayakawa, H., Nguyen, C. L., Owens, M., Grace, M., & Huh, K. (2004). Mechanisms of *Human Papillomavirus*-Induced Oncogenesis. *Journal of Virology*, 78(21), 11451. <https://doi.org/10.1128/JVI.78.21.11451-11460.2004>
- Na J, Li Y, Wang J, Wang X, Lu J, Han S. The correlation between multiple HPV infections and the occurrence, development, and prognosis of cervical cancer. *Front Microbiol* 2023;14:1220522.
- Oktaviyanti, R. N., & Barakbah, J. (2018). Profil Pasien Kondiloma Akuminata. *Berkala Ilmu Kesehatan Kulit Dan Kelamin*, 30(3), 240– 247. Indeks index
- Olesen, T. B., Mwaiselage, J., Iftner, T., Kahesa, C., Rasch, V., Frederiksen, K., Munk, C., & Kjaer, S. K. (2017). Risk factors for genital *human papillomavirus* among men in Tanzania. *Journal of Medical Virology*, 89(2), 345–351. <https://doi.org/10.1002/JMV.24627>
- Patel, H., Wagner, M., Singhal, P., & Kothari, S. (2013). Systematic review of the incidence and prevalence of genital warts. *BMC Infectious Diseases*, 13(1), 1–14. <https://doi.org/10.1186/1471-2334-13-39/FIGURES/3>
- Pedoman Nasional Pelayanan Kedokteran (PNPK) Tata Laksana HIV, Pub. L. No. HK.01.07/MENKES/90/2019, Keputusan Menteri Kesehatan Republik Indonesia (2019).
- Pennycook, K. B., & McCready, T. A. (2023). Condyloma Acuminata. *Uro pathology, Second Edition*, 580–581. <https://doi.org/10.1016/B978-0-323-65395-4.00275-X>
- Pérez-Losada, M. et al. (2021) 'HPV-26 and rare oncogenic genotypes in immunocompromised populations', *Virology*, 563, pp. 108–117.
- Purwoko, I. H., Karim, P. L., Nugroho, S. A., Karim, H. ;, Laksmi, P., Nugroho, ;, Suroso, A. ;, & Toruan, T. ; (2022). Risk Factors for HIV- positive Status In Condyloma Acuminata. *Journal of General- Procedural Dermatology & Venereology Journal of General- Procedural Dermatology & Venereology Indonesia Indonesia*, 6(2), 12–31. <https://doi.org/10.7454/jdvi.v6i2.1004>
- Puspawati, N. M. D., Sissy, & Gotama, D. (2018). A retrospective study of condyloma acuminata profile in outpatient clinic of dermato- venereology Sanglah General Hospital

- Denpasar, Bali-Indonesia period 2015-2017. *Bali Dermatology Venereology and Aesthetic Journal*, 1–3. <https://doi.org/10.51559/WCXZE973>
- Rahman, F., Marlinae, L., Sari, A. R., Ramadhani, M. S., & Putri, A. O. (2019). Human immunodeficiency virus/acquired immunodeficiency syndrome knowledge level and implications for health promotion program on high school students at Banjarbaru city. *Indian Journal of Sexually Transmitted Diseases and AIDS*, 40(1), 35–41. https://doi.org/10.4103/ijstd.IJSTD_28_15
- Rodríguez-álvarez, M. I., Gómez-Urquiza, J. L., Husein-El Ahmed, H., Albendín-García, L., Gómez-Salgado, J., & Cañadas-De la Fuente, G. A. (2018). Prevalence and Risk Factors of *Human Papillomavirus* in Male Patients: A Systematic Review and Meta-Analysis. *International Journal of Environmental Research and Public Health*, 15(10). <https://doi.org/10.3390/IJERPH15102210>
- Rohanda, B. A., Hutapea, R., & Nadeak, K. (2021). Identification of the type of *Human Papilloma Virus* (HPV) in condyloma acuminata in the genital and/or anal areas in men who have sex with men (MSM). *Bali Medical Journal*, 10(2), 885–890. <https://doi.org/10.15562/BMJ.V10I2.2439>
- Romero-Pastrana, F. (2012). Detection and Typing of *Human Papilloma Virus* by Multiplex PCR with Type-Specific Primers. *ISRN Microbiology*, 2012, 1–5. <https://doi.org/10.5402/2012/186915>
- Ryu, K.H. et al. (2017) 'Type Distribution of Human Papillomavirus in Genital Warts of Korean Men', 8243(2), pp. 89–94.
- Saputera, M. D. (2018). KOH 5% untuk Terapi Alternatif Kondiloma Akuminata di Pusat Pelayanan Kesehatan Primer. *Cermin Dunia Kedokteran*, 45(6), 462–464. <https://doi.org/https://doi.org/10.55175/cdk.v45i6.779>
- Sindhuja, T., Bhari, N., & Gupta, S. (2022). Asian guidelines for condyloma acuminatum. *Journal of Infection and Chemotherapy*, 28(7), 845–852. <https://doi.org/10.1016/J.JIAC.2022.03.004>
- Słowik, M., Gierlach, K., Nowak, K., Nowak, K., Drygała, Z., Zielińska, Z., Wyrwał, J., Olejarz, Z., Krasuska, M., & Nieć, M. (2024). Condyloma acuminata - the review of the treatment methods. *Journal of Education, Health and Sport*, 59. <https://doi.org/10.12775/JEHS.2024.59.002>
- Smyczek, P. et al. (2021) 'Multiple HPV infection patterns and viral interference', *Journal of Medical Virology*, 93(9), pp. 5594–5602.
- Soheili, M., Keyvani, H., Soheili, M., & Nasseri, S. (2021). *Human papilloma virus*: A review study of epidemiology, carcinogenesis, diagnostic methods, and treatment of all HPV-related cancers. *Medical Journal of the Islamic Republic of Iran*, 35, 65. <https://doi.org/10.47176/MJIRI.35.65>
- Sonawane, K. et al. (2023) 'Epidemiology of HPV infection among adolescents and young adults', *Pediatrics*, 152(2), e2022058881.
- Stuart, R.M., Cohen, J.A., Abeysuriya, R.G., Sanz-Leon, P., Kerr, C.C., Rao, D. and Klein, D.J. (2024) 'Inferring the natural history of HPV from global cancer registries: insights from a multi-country calibration', *Scientific Reports*, 14, 15875. <https://doi.org/10.1038/s41598-024-65842-3>
- Stuqui, B., Provazzi, P.J.S., Lima, M.L.D., Cabral, A.S., Leonel, E.C.R., Candido, N.M. et al. (2023) 'Condyloma acuminata: An evaluation of the immune response at cellular and molecular levels', *PLOS ONE*, 18(4), e0284296. <https://doi.org/10.1371/journal.pone.0284296>
- Swase, T.D. et al. (2025) 'Impact of HPV/HIV co-infection on HPV persistence', *BMC Cancer*, 25, 202.
- Taku, O., Mbulawa, Z. Z. A., Phohlo, K., Garcia-Jardon, M., Businge, C. B., & Williamson, A.-L. (2021). Distribution of *Human Papillomavirus* (HPV) Genotypes in HIV-Negative and HIV-Positive Women with Cervical Intraepithelial Lesions in the Eastern Cape Province,

- South Africa. *Viruses*, 13(2). <https://doi.org/10.3390/v13020280>
- Taskin, O. C., Pehlivanoglu, B., Reid, M. D., Friedman, T., Lee, M., Tadros, T. S., Bandyopadhyay, S., Akinfolarin, J., Armutlu, A., Basturk, O., & Adsay, V. (2021). Löwenstein-Buschke: Clinicopathologic Analysis of 78 Cases of Large and Giant Condyloma Acuminata of the Anus. *Turk Patoloji Dergisi*, 37(1), 18–25. <https://doi.org/10.5146/TJPATH.2020.01508>
- Tayib, S., Allan, B., Williamson, A. L., & Denny, L. (2015). Human papillomavirus genotypes and clinical management of genital warts in women attending a colposcopy clinic in Cape Town, South Africa. *South African Medical Journal = Suid-Afrikaanse Tydskrif Vir Geneeskunde*, 105(8), 679–684. <https://doi.org/10.7196/SAMJNEW.7890>
- The path that ends AIDS: UNAIDS Global AIDS Update 2023. (2023). Vaillant, A. A. J., & Gulick, P. G. (2022). *HIV and AIDS Syndrome*. NCBI Bookshelf. <https://www.ncbi.nlm.nih.gov/books/NBK534860/>
- Wieland, U., Kreuter, A., & Pfister, H. (2014). Human papillomavirus and immunosuppression. *Current Problems in Dermatology*, 45, 154–165. <https://doi.org/10.1159/000357907>
- Williamson, A.L. et al. (2021) 'Oncogenic potential and persistence of HPV-68', *Papillomavirus Research*, 11, 100210.
- Wilvestra, S., Lestari, S., & Asri, E. (2018). Studi Retrospektif Kanker Kulit di Poliklinik Ilmu Kesehatan Kulit dan Kelamin RS Dr. M. Djamil Padang Periode Tahun 2015-2017. *Jurnal Kesehatan Andalas*, 7(Supplement 3), 47–49. <https://doi.org/10.25077/jka.v7i0.873>
- Winer, R. L., & Koutsky, L. A. (2007). Genital Human Papillomavirus Infection. In K. Holmes, P. Sparling, W. Stamm, P. Piot, J. Wasserheit, & C. Lawrence (Eds.), *Holmes' Sexually Transmitted Diseases* (4th ed., pp. 489–508). McGraw-Hill Education.
- Wong, K., Nguyen, J., Blair, L., Banjanin, M., Grewal, B., Bowman, S., Boyd, H., Gerstner, G., Cho, H. J., Panfilov, D., Tam, C. K., Aguilar, D., & Venketaraman, V. (2020). Pathogenesis of Human Immunodeficiency Virus-*Mycobacterium tuberculosis* Co-Infection. *Journal of Clinical Medicine*, 9(11) <https://doi.org/10.3390/jcm9113575>
- World Health Organization. (2023). *HIV Country Profiles*. <https://cfs.hivci.org/index.html>
- World Health Organization: WHO. (n.d.). *HIV Country Profiles*. <https://cfs.hivci.org/>
- World Health Organization: WHO. (2023). *HIV and AIDS*. <https://www.who.int/news-room/fact-sheets/detail/hiv-aids>
- Yuan, H. et al. (2023) 'Epidemiology of human papillomavirus on condyloma acuminatum in Shandong', *Human Vaccines & Immunotherapeutics*, 19(1), pp. 1–7. doi:10.1080/21645515.2023.2170662.
- Yuliarto, D., Mawardi, P., & Irawanto, M. E. (2023). The interrelation between HIV and condyloma acuminata high-risk strain. *Journal of Pakistan Association of Dermatologists*, 33(3), 876–882. <https://www.jpapad.com.pk/index.php/jpapad/article/view/2264>
- Yuniastuti, E., Teeratakulpisarn, N., Jeo, W. S., Nilasari, H., Rachmadi, L., Somia, I. K. A., Sukmawati, M. D. D., Amijaya, K. A. T., Yee, I. A., Hairunisa, N., Hongchookiat, P., Trachunthong, D., Pankam, T., Nonenoy, S., Ramautarsing, R., Azwa, I., Merati, T. P., Phanuphak, P., Phanuphak, N., & Palefsky, J. M. (2020). Incidence, clearance, persistence and factors related with high-risk anal HPV persistence in South-East Asian MSM and transgender women. *AIDS (London, England)*, 34(13), 1933–1941. <https://doi.org/10.1097/QAD.0000000000002654>
- Zhai, L. and Tumban, E. (2019) 'Protective efficacy of condoms against HPV transmission', *Viruses*, 11(1), p. 167.
- Zhou, X. et al. (2023) 'Incidence, persistence, and clearance of anogenital HPV among MSM', *Frontiers in Immunology*, 14, 1190007.

LAMPIRAN

Lampiran 1. Rekomendasi Persetujuan Etik



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN
RSPTN UNIVERSITAS HASANUDDIN
RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu
JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.
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REKOMENDASI PERSETUJUAN ETIK

Nomor : 1035/UN4.6.4.5.31/ PP36/ 2025

Tanggal: 26 Nopember 2025

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH25100850		No Sponsor	
Peneliti Utama	dr. Mohammad Syafri Syahrudin		Sponsor	
Judul Peneliti	Hubungan Subtipe Human Papiloma Virus dengan Persistensi Kondiloma Akuminata			
No Versi Protokol	1	Tanggal Versi	14 Oktober 2025	
No Versi PSP	1	Tanggal Versi	14 Oktober 2025	
Tempat Penelitian	RS Universitas Hasanuddin dan RSUP dr. Wahidin Sudirohusodo Makassar			
Jenis Review	☐ Exempted ☒ Expedited ☐ Fullboard Tanggal		Masa Berlaku 26 Nopember 2025 sampai 26 Nopember 2026	Frekuensi review lanjutan
Ketua KEP Universitas Hasanuddin	Prof. dr. Muh Nasrum Massi, PhD, SpMK, Subsp. Bakt(K)		Tanda tangan	
Sekretaris KEP Universitas Hasanuddin	Prof.dr. Firdaus Hamid, PhD, SpMK(K)		Tanda tangan	

Kewajiban Peneliti Utama:

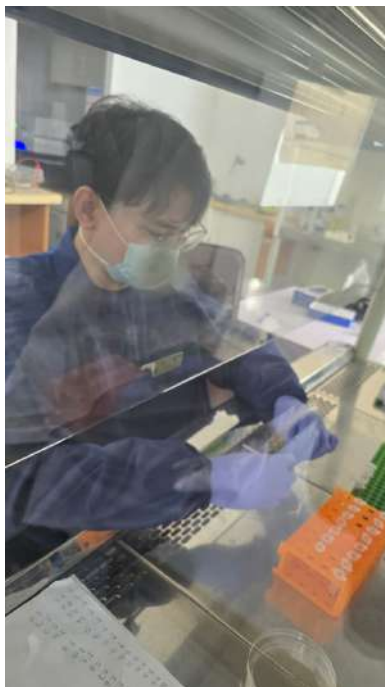
- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Laporan SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari prokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

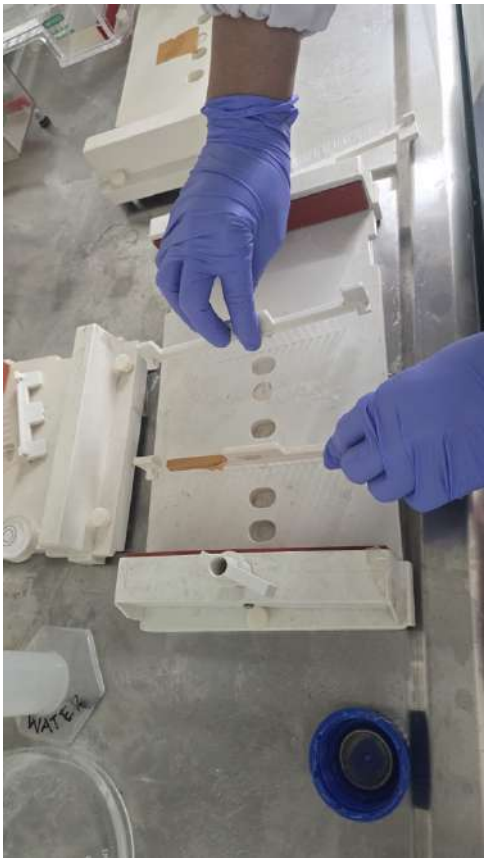
Lampiran 2. Dokumentasi Penelitian

Foto sampel



Foto saat Running





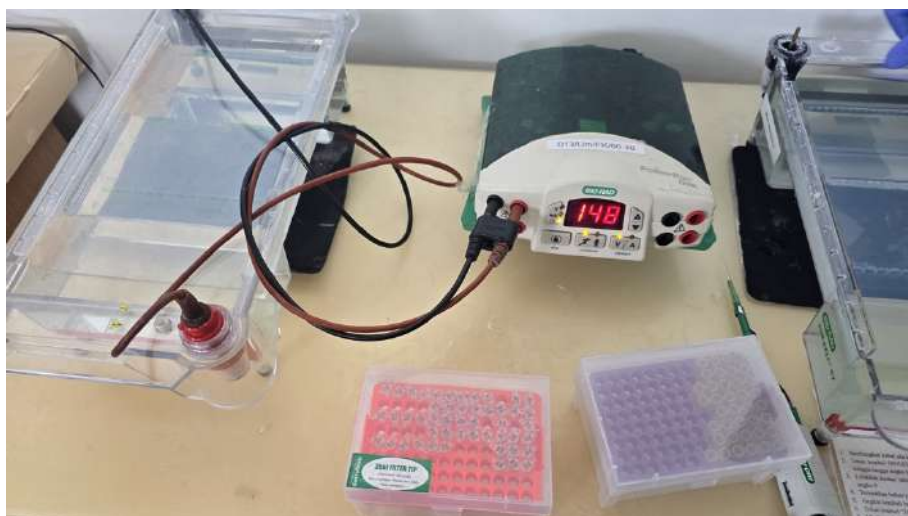


Foto Hasil PCR

