

DAFTAR PUSTAKA

- Abdullah A, Peeters A, de Court, Stoelwinder J. The magnitude of association between overweight and obesity and the risk of diabetes: a meta-analysis of prospective cohort studies. *Diabetes Res Clin Pract.* 2010;89:309–19.
- Afonso LA, Cordeiro TI, Carestiato FN, Ornellas AA, Alves G, Cavalcanti SMB. High risk human papillomavirus infection of the foreskin in asymptomatic men and patients with phimosis. *J Urol.* 2016;195(6):1784–9. doi:10.1016/j.juro.2015.12.096.
- Aleman L, Saunier M, Tinoco L, Quirós B, Alvarado-Cabrero I, Alejo M, et al. Large contribution of human papillomavirus in vaginal neoplastic lesions: a worldwide study in 597 samples. *Eur J Cancer.* 2014;50(16):2846–54. doi:10.1016/j.ejca.2014.07.018.
- Aleman L, Cubilla A, Halec G, et al. Role of human papillomavirus in penile carcinomas worldwide. *Eur Urol.* 2016;69(5):953–961. doi:10.1016/j.eururo.2015.12.007
- Antohe M, Nedelcu RI, Nichita L, Popp CG, Cioplea M, Brinzea A, et al. Tumor infiltrating lymphocytes: The regulator of melanoma evolution (Review). *Oncol Lett.* 2019;17(5):4155–61. doi:10.3892/ol.2019.9940.
- Backes DM, Kurman RJ, Pimenta JM, Smith JS. Systematic review of human papillomavirus prevalence in invasive penile cancer. *Cancer Causes Control.* 2009;20(4):449–57. doi:10.1007/s10552-008-9264-9

Barnes KT, McDowell BD, Button A, Smith BJ, Lynch CF, Gupta A. Obesity is associated with increased risk of invasive penile cancer. *BMC Urol.* 2016;16:42.

Bleeker MC, Heideman DA, Snijders PJ, Horenblas S, Dillner J, Meijer CJ. Penile cancer: epidemiology, pathogenesis and prevention. *World J Urol.* 2009;27(2):141–150. doi: 10.1007/s00345-009-0315-3

Brito JAR, Lima LL, Oliveira LLS, et al. A comprehensive analysis of penile cancer in the region with the highest worldwide incidence: The Maranhão study. *BMC Cancer.* 2022;22(1):1–10.

Burchell AN, Tellier PP, Hanley J, Coutlée F, Franco EL. Human papillomavirus infections among couples in new sexual relationships. *Epidemiology.* 2010;21(1):31-7. doi:10.1097/EDE.0b013e3181c1e70b.

Casalegno JS, Le Bail Carval K, Eibach D, Valdeyron ML, Lamblin G, et al. High risk HPV contamination of endocavity vaginal ultrasound probes: An underestimated route of nosocomial infection? *PLoS One.* 2012;7(10):e48137. doi:10.1371/journal.pone.0048137.

Calmon MF, Mota MTdO, Babeto É, Candido NM, Girol AP, Mendiburu CF, et al. (2013) Overexpression of ANXA1 in Penile Carcinomas Positive for High-Risk HPVs. *PLoS ONE* 8(1): e53260. <https://doi.org/10.1371/journal.pone.0053260>

Chang CY, Park H, Malone DC, Wang CY, Wilson DL, Yeh YM, et al. Immune checkpoint inhibitors and immune-related adverse events in patients with

advanced melanoma: A systematic review and network meta-analysis.

JAMA Netw Open. 2020;3(3):e201611.

doi:10.1001/jamanetworkopen.2020.1611.

Chaux A, Cubilla AL. Diagnostic problems in precancerous lesions and early squamous cell carcinoma of the penis. *Semin Diagn Pathol.*

2012;29(2):72–82. doi: 10.1053/j.semdp.2012.01.002

Cosper PF, Bradley S, Luo L, Kimple RJ. Biology of HPV mediated carcinogenesis and tumor progression. *Semin Radiat Oncol.*

2021;31(4):265-73. doi:10.1016/j.semradonc.2021.02.006.

Cubilla AL. *The role of pathologic prognostic factors in squamous cell carcinoma of the penis.* Indian J Urol. 2006;22(3):220–229.

Cubilla AL, et al. *Pathology of penile squamous cell carcinoma and its variants.* Urologic Oncology. 2013;31(6):705–717.

Cuschieri KS, Cubie HA, Whitley MW, Gilkison G, Arends MJ, Graham C, McGoogan E. Persistent high risk HPV infection associated with

development of cervical neoplasia in a prospective population study. *J Clin Pathol.* 2005;58(9):946–50. doi:10.1136/jcp.2004.022863.

Daling JR, Madeleine MM, Johnson LG, et al. Penile cancer: Importance of circumcision, human papillomavirus and smoking in situ and invasive

disease. *Int J Cancer.* 2005;116:606-16.

De Souza WS, Da Silva GF, Da Silva RCM, De Souza AS. Survival analysis of penile cancer patients treated at a tertiary oncology hospital. *Cien Saude Colet*. 2018;23(8):2479-86.

De Villiers EM, Fauquet C, Broker TR, Bernard HU, zur Hausen H. Classification of papillomaviruses. *Virology*. 2004;324(1):17–27. doi:10.1016/j.virol.2004.03.033.

Djajadiningrat RS, Jordanova ES, van Werkhoven E, et al. Human papillomavirus prevalence in invasive penile cancer and association with clinical outcome. *J Urol*. 2015;193(2):526–531. doi:10.1016/j.juro.2014.08.091

Downes MR. Review of in situ and invasive penile squamous cell carcinoma and associated non-neoplastic dermatological conditions. *Journal of Clinical Pathology* 2015;68:333-340.

Dunne EF, Nielson CM, Stone KM, et al. Prevalence of HPV infection among men: A systematic review of the literature. *J Infect Dis*. 2006;194:1044-57.

Elder JS, Koutsky LA. Human papillomavirus and genital warts. *Pediatr Clin North Am*. 2013;60(6):1303–11. doi:10.1016/j.pcl.2013.08.004.

Favorito LA, Nardi A, Ronalsa M, et al. Epidemiologic study on penile cancer in Brazil. *Int Braz J Urol*. 2008;34:587-93.

Gipson BJ, Robbins HA, Fakhry C, D'Souza G. Sensitivity and specificity of oral HPV detection for HPV-positive head and neck cancer. *Oral Oncol.* 2018 Feb;77:52-56. doi: 10.1016/j.oraloncology.2017.12.008. Epub 2017 Dec 22. PMID: 29362127; PMCID: PMC5788034

Gipson BJ, Robbins HA, Fakhry C, D'Souza G. Sensitivity and specificity of oral HPV detection for HPV-positive head and neck cancer. *Oral Oncol.* 2018;77:52-6. doi:10.1016/j.oraloncology.2017.12.008.

Graham SV. The human papillomavirus replication cycle, and its links to cancer progression: A review. *J Gen Virol.* 2006;87(5):1207–22. doi:10.1099/vir.0.81803-0.

Faraji F, Rettig EM, Tsai HL, El Asmar M, Fung N, Eisele DW, Fakhry C. The prevalence of human papillomavirus in oropharyngeal cancer is increasing regardless of sex or race. *Cancer.* 2019;125(5):761–9. doi:10.1002/cncr.31841.

Halec G, Wentzensen N, Pirog EC, Waterboer T. Human papillomavirus 16 is an aetiological factor of scrotal cancer. *Br J Cancer.* 2014;111(1):146–9. doi:10.1038/bjc.2014.177.

Hansen BT, Orumaa M, Lie AK, Brennhovd B, Nygård M. Trends in incidence, mortality and survival of penile squamous cell carcinoma in Norway 1956-2015. *Int J Cancer.* 2018 Apr 15;142(8):1586-1593. doi: 10.1002/ijc.31194. Epub 2017 Dec 15. PMID: 29205336; PMCID: PMC5838782.

Hansen BT, Orumaa M, Lie AK, Brennhovd B, Nygård M. Trends in incidence, mortality and survival of penile squamous cell carcinoma in Norway 1956-2015. *Int J Cancer*. 2018;142(8):1586-93. <http://doi.org/10.1002/ijc.31194> PMID:29205336

Hellberg D, Valentin J, Eklund T, et al. Penile cancer: Is there an epidemiological role for smoking and sexual behaviour? *BMJ Clin Res Ed*. 1987;295:1306-8.

Hintzen F, Molijn A, Eckhardt L, Massuger LFAG, Quint W, Bult P, et al. Vulvar cancer: Two pathways with different localization and prognosis. *Gynecol Oncol*. 2018;149(2):310-7. doi:10.1016/j.ygyno.2018.03.003.

Hirji I, Andersson SW, Guo Z, Hammar N, Gomez-Caminero A. Incidence of genital infection among patients with type 2 diabetes in the UK General Practice Research Database. *J Diabetes Complications*. 2012;26:501–5.

International Agency for Research on Cancer. ICD-O-3 Online: International Classification of Diseases for Oncology [Internet]. Lyon: IARC. Available from: <https://iccp-portal.org/resources/icd-o-3-online-international-classification-diseases-oncology>.

Lestari DPO, Riasa INP, Niramayah PKI, Armerinayanti NW, Cahyawati PN, Sari K, et al. The burden of penile cancer in Bali compared to other provinces in Indonesia. *Open Access Maced J Med Sci*. 2021;9(E):1273–8. doi:10.3889/oamjms.2021.7472.

Madsen BS, van den Brule AJ, Jensen HL, et al. Risk factors for squamous cell carcinoma of the penis: population-based case-control study in Denmark. *Cancer Epidemiol Biomarkers Prev.* 2008;17(10):2683–91.

Martínez-Bailón C, Mantilla-Morales A, Méndez-Matías G, Alvarado-Cabrero I. Human papillomavirus genotypes and P16INK4A expression in squamous penile carcinoma in Mexican patients. *Infect Agents Cancer.* 2019;14:41.

Mauny MP. Ekspresi mRNA gen PDL-1, PD-1 dan imunoterapi pada kanker kandung kemih. Ekspresi mRNA gen PDL-1, PD-1 dan imunoterapi pada kanker kandung kemih. 2017;1–30.

Mescher AL. Junqueira's Basic Histology: Text and Atlas. 17th ed. New York: McGraw Hill; 2021.

Menon S, Moch H, Berney DM, Cree IA, Srigley JR, Tsuzuki T, et al. WHO 2022 classification of penile and scrotal cancers: updates and evolution. *Histopathology.* 2023 Mar;82(4):508–20. doi:10.1111/his.14824.

Nareswari A, Bhadra P, Mardiana, Kusuma H, Ellistasari E. Gender differences in sociodemographic characteristics and risk factors among condyloma acuminata patients in Dr. Moewardi General Hospital Surakarta. In: *Proceedings of the 23rd Regional Conference of Dermatology (RCD 2018).* SCITEPRESS; 2021. p. 214–8. doi:10.5220/0008154202140218.

Nicolau SM, Camargo CG, Stávale JN, et al. Human papillomavirus DNA detection in male sexual partners of women with genital human papillomavirus infection. *Urology*. 2005;65(2):251–5.

Nielson CM, Harris RB, Dunne EF, Abrahamsen M, Papenfuss MR, Giuliano AR. Factors associated with acquisition and clearance of human papillomavirus infection in a cohort of US men: a prospective study. *J Infect Dis*. 2009;199(3):362–71.

Olesen TB, Sand FL, Rasmussen CL, Albieri V, Toft BG, Norrild B, Munk C, Kjær SK. Prevalence of human papillomavirus DNA and p16INK4a in penile cancer and penile intraepithelial neoplasia: a systematic review and meta-analysis. *Lancet Oncol*. 2019 Jan;20(1):145-158. doi: 10.1016/S1470-2045(18)30682-X. Epub 2018 Dec 17. PMID: 30573285.

Pal A, Kundu R. Human papillomavirus E6 and E7: the cervical cancer hallmarks and targets for therapy. *Front Microbiol*. 2020;11:580287. doi:10.3389/fmicb.2020.580287.

Reinholdt K, Munk C, Thomsen LT, et al. Increased incidence of genital warts among women and men with type 1 diabetes compared with the general population: results from a nationwide registry-based cohort study. *Acta Diabetol*. 2022;59:105–12.

Romero FR, Romero AW, Almeida RM, Oliveira FC Jr, Filho RT Jr. Prevalence and risk factors for penile lesions/anomalies in a cohort of Brazilian men ≥ 40 years of age. *Int Braz J Urol*. 2013;39(1):55–62.

Sarier M. Association between Human Papillomavirus and Urological Cancers: An Update. In: Urological Cancer [Internet]. IntechOpen; 2021 [cited 2025 Jul 20]. Available from: <https://doi.org/10.5772/intechopen.101508>

Schiller JT, Lowy DR. Understanding and learning from the success of prophylactic human papillomavirus vaccines. *Nat Rev Microbiol.* 2012;10(10):681–92. doi:10.1038/nrmicro2872.

Silverberg MJ, Leyden WA, Warton EM, Engels EA. Risk of anal cancer in HIV-infected and HIV-uninfected individuals in the United States. *Clin Infect Dis.* 2012;54(7):1026–34.

Stecca, C.E., Alt, M., Jiang, D.M. et al. Recent Advances in the Management of Penile Cancer: A Contemporary Review of the Literature. *Oncol Ther* 9, 21–39 (2021). <https://doi.org/10.1007/s40487-020-00135-z>

Stein AP, Saha S, D'Souza G. Prevalence of human papillomavirus in oropharyngeal cancer: a systematic review. *Cancer J.* 2015;21(3):138–46. doi:10.1097/PPO.000000000000115.

Sudenga SL, Ingles DJ, Pierce Campbell CM, et al. Genital Human Papillomavirus Infection Progression to External Genital Lesions: The HIM Study. *Eur Urol* 2016;69:166-73.

Suresh A, Suresh P, Biswas R, Rajanbabu A, Sreedhar S, Biswas L. Prevalence of high-risk HPV and its genotypes: implications in the choice of

prophylactic HPV vaccine. *J Med Virol.* 2021 Aug;93(8):5188–92.
doi:10.1002/jmv.27015.

Tseng H-F, Morgenstern H, Mack T, et al. Risk factors for penile cancer: results of a population-based case-control study in Los Angeles County (United States). *Cancer Causes Control.* 2001;12(3):267–77.

Toukara FK, Tégouété I, Guédou FA, Goma-Matsétsé E, Koné A, Béhanzin L, et al. (2020) Human papillomavirus genotype distribution and factors associated among female sex workers in West Africa. *PLoS ONE* 15(11): e0242711. <https://doi.org/10.1371/journal.pone.0242711>

Van Doorslaer K, Li Z, Xirasagar S, Maes P, Kaminsky D, Liou D, et al. The Papillomavirus Episteme: a major update to the papillomavirus sequence database. *Nucleic Acids Res.* 2017;45(D1):D499–506.
doi:10.1093/nar/gkw879.

Walboomers JMM, Jacobs MV, Manos MM, Bosch FX, Kummer JA, Shah KV, et al. Human papillomavirus is a necessary cause of invasive cervical cancer worldwide. *J Pathol.* 1999;189(1):12–9. doi:10.1002/(SICI)1096-9896(199909)189:1<12::AID-PATH431>3.0.CO;2-F.

Wang JW, Roden RBS. Virus-like particles for the prevention of human papillomavirus-associated malignancies. *Expert Rev Vaccines.* 2013;12(2):129–41. doi:10.1586/erv.12.151.

Wang XL, Wang HW, Hillemanns P, Hamblin MR. Distinctive features of foreskin condylomata acuminata associated with diabetes mellitus. *Acta Derm Venereol.* 2008;88(6):578–83.

Williams VM, Filippova M, Filippov V, Duerksen-Hughes PJ. Human papillomavirus type 16 E6 induces oxidative stress and DNA damage. *J Virol.* 2011;85(17):9576–83. doi:10.1128/JVI.00693-11.

World Cancer Research Fund, American Institute for Cancer Research. Diet, nutrition, physical activity and cancer: a global perspective. The Third Expert Report. 2018.

World Health Organization. WHO classification of tumours: pathology and genetics of the urinary system and male genital organs. Moch H, Humphrey PA, Reuter VE, Ulbright TM, editors. Lyon: IARC Press; 2022.

Yousefi Z, Aria H, Ghaedrahmati F, Bakhtiari T, Azizi M, Bastan R, et al. An update on human papilloma virus vaccines: history, types, protection, and efficacy. *Front Immunol.* 2022 Jan 27;12:805695. doi:10.3389/fimmu.2021.805695. PMID: 35154080; PMCID: PMC8828558.

Zheng ZM, Baker CC. Papillomavirus genome structure, expression, and post-transcriptional regulation. *Front Biosci.* 2006;11:2286–302. doi:10.2741/1961.