

DAFTAR PUSTAKA

- Almalki, M. A., & Varghese, R. (2020). Prevalence of catheter associated biofilm producing bacteria and their antibiotic sensitivity pattern. *J King Saud Uni Sci*, 32(2), 1427–1433. <https://doi.org/10.1016/j.jksus.2019.11.037>
- Araujo da Silva, A. R., Marques, A. F., Biscaia di Biase, C., Zingg, W., Dramowski, A., & Sharland, M. (2018). Interventions to prevent urinary catheter-associated infections in children and neonates: a systematic review. *J Pediatr Urol*, 14(6), 556.e1-556.e9. <https://doi.org/10.1016/j.jpuro.2018.07.011>
- Asadi Karam, M. R., Habibi, M., & Bouzari, S. (2018). Relationships between Virulence Factors and Antimicrobial Resistance among Escherichia coli Isolated from Urinary Tract Infections and Commensal Isolates in Tehran, Iran. *Osong Public Health Res Perspect*, 9(5), 217–224. <https://doi.org/10.24171/j.phrp.2018.9.5.02>
- Beebout, C. J., Eberly, A. R., Werby, S. H., Reasoner, S. A., Brannon, J. R., De, S., Fitzgerald, M. J., Huggins, M. M., Clayton, D. B., Cegelski, L., & Hadjifrangiskou, M. (2018). Respiratory heterogeneity shapes biofilm formation and host colonization in uropathogenic Escherichia coli. *Mol Biol Physio*, 10(2), 1–16. <https://doi.org/10.1101/460311>
- Behzadi, P., Urbán, E., & Gajdács, M. (2020). Association between Biofilm-Production and Antibiotic Resistance in Uropathogenic Escherichia coli (UPEC): An In Vitro Study. *Diseases*, 8(2), 17. <https://doi.org/10.3390/diseases8020017>
- Bono, M. J., & Reygaert, W. C. (2020). *Urinary Tract Infection*. StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK470195/>
- Bryers, J. D. (2008). Medical biofilms. In *Biotechnol Bioeng* (Vol. 100, Issue 1, pp. 1–18). Biotechnol Bioeng. <https://doi.org/10.1002/bit.21838>
- Chenoweth, C., & Saint, S. (2013). Preventing Catheter-Associated Urinary Tract Infections in the Intensive Care Unit. *Crit Care Clin*, 29(1), 19–32. <https://doi.org/10.1016/j.ccc.2012.10.005>
- Coffey, B. M., & Anderson, G. G. (2014). *Chapter 48 Biofilm Formation in the 96-Well Microtiter Plate*. 1149, 631–641. <https://doi.org/10.1007/978-1-4939-0473-0>
- Connie Mahon, Donald Lehman, & George Manuselis. (2014). *Textbook of Diagnostic Microbiology - 5th Edition*. Saunders.
- Eberly, A. R., Floyd, K. A., Beebout, C. J., Colling, S. J., Fitzgerald, M. J., Stratton, C. W., Schmitz, J. E., & Hadjifrangiskou, M. (2017). Biofilm formation by uropathogenic escherichia coli is favored under oxygen conditions that mimic the bladder environment. *Int J Mol Sci*, 18(10), 1–12. <https://doi.org/10.3390/ijms18102077>
- Gunardi, W. D., Karuniawati, A., Umbas, R., Bardosono, S., Lydia, A., Soebandrio, A., & Safari, D. (2021). Biofilm-Producing Bacteria and Risk Factors (Gender and Duration of Catheterization) Characterized as Catheter-Associated Biofilm Formation. *Int J Microbiol*, 2021. <https://doi.org/10.1155/2021/8869275>
- Hsiao, C. Y., Lin, H. L., Lin, Y. K., Chen, C. W., Cheng, Y. C., Lee, W. C., & Wu, T. C. (2014). Urinary tract infection in patients with chronic kidney

- disease. *Turk J Med Sci*, 44(1), 145–149. <https://doi.org/10.3906/sag-1303-51>
- Jamal, M., Ahmad, W., Andleeb, S., Jalil, F., Imran, M., Nawaz, M. A., Hussain, T., Ali, M., Rafiq, M., & Kamil, M. A. (2018). Bacterial biofilm and associated infections. *Journal of the Chinese Medical Association*, 81(1), 7–11. <https://doi.org/10.1016/j.jcma.2017.07.012>
- Katongole, P., Nalubega, F., Florence, N. C., Asiimwe, B., & Andia, I. (2020). Biofilm formation, antimicrobial susceptibility and virulence genes of Uropathogenic Escherichia coli isolated from clinical isolates in Uganda. *BMC Infect Dis*, 20(1), 1–6. <https://doi.org/10.1186/s12879-020-05186-1>
- Kemenkes. (2016). Profil Kesehatan Indonesia 2016. In *Profil Kesehatan Indonesia*. <http://www.depkes.go.id/resources/download/pusdatin/profil-kesehatan-indonesia/Profil-Kesehatan-Indonesia-2016.pdf>
- Kirmusaoglu, S. (2012). The Methods for Detection of Biofilm and Screening Antibiofilm Activity of Agents. *Intech*, 13. <http://dx.doi.org/10.1039/C7RA00172J%0Ahttps://www.intechopen.com/books/advanced-biometric-technologies/liveness-detection-in-biometrics%0Ahttp://dx.doi.org/10.1016/j.colsurfa.2011.12.014>
- Klein, R. D., & Hultgren, S. J. (2020). Urinary tract infections: microbial pathogenesis, host-pathogen interactions and new treatment strategies. *Nat Rev Microbiol*, 18(4), 211–226. <https://doi.org/10.1038/s41579-020-0324-0>. Urinary
- Liu, Y., Xiao, D., & Shi, X. H. (2018). Urinary tract infection control in intensive care patients. *Med J*, 97(38), 21–23. <https://doi.org/10.1097/MD.00000000000012195>
- Macià, M. D., Rojo-Moliner, E., & Oliver, A. (2014). Antimicrobial susceptibility testing in biofilm-growing bacteria. In *Clin Microbiol Infect* (Vol. 20, Issue 10, pp. 981–990). Blackwell Publishing Ltd. <https://doi.org/10.1111/1469-0691.12651>
- Maharjan, G., Khadka, P., Shilpakar, G. S., Chapagain, G., & Dhungana, G. R. (2018). Catheter-Associated Urinary Tract Infection and Obstinate Biofilm Producers. *Can J Infect Dis Med Microbiol*, 2018.
- Medina, M., & Castilo-Pino, E. (2019). An introduction to the epidemiology and burden of urinary tract infections. *Ther Adv Urol*, 11(6), 3–7. <https://doi.org/10.1177/https>
- Nicolle, L. E. (2016). Urinary Tract Infections in the Older Adult. *Clin Geriatr Med*, 32(3), 523–538. <https://doi.org/10.1016/j.cger.2016.03.002>
- Öztürk, R., & Murt, A. (2020). Epidemiology of urological infections: a global burden. *World J Urol*, 38(11), 2669–2679. <https://doi.org/10.1007/s00345-019-03071-4>
- Penta Saputra, K., Tarmono, Noegroho, B. S., Mochtar A, C., & Wahyudi, I. (2020). *Panduan Tatalaksana Infeksi Saluran Kemih dan Genitalia Pria 2020* (3rd ed.). Ikatan Ahli Urologi Indonesia.
- Richards, K. A., Cesario, S., Best, S. L., & Deeren, S. M. (2019). Reflex urine culture testing in an ambulatory urology clinic: Implications for antibiotic stewardship in urology. *Int J Urol*, 26, 69–74.
- Samani, R. J., Tajbakhsh, E., Momtaz, H., & Samani, M. K. (2021). Prevalence of Virulence Genes and Antibiotic Resistance Pattern in Enterococcus Faecalis

- Isolated from Urinary Tract Infection in Shahrekord, Iran. *Reports of Biochemistry and Molecular Biology*, 10(1), 50–59.
<https://doi.org/10.52547/rbmb.10.1.50>
- Sanjay Saint. (2016). Program to Prevent Catheter-Associated Urinary Tract Infection in Acute Care. *New Eng J Med*, 374, 2111–2119.
<https://doi.org/10.1056/NEJMoa1504906>
- Sao, D. S. (2017). “Prevalence of Biofilm Formation in Uropathogen”. *World J Pharm Res*, June, 1665–1675. <https://doi.org/10.20959/wjpr20176-8751>
- Shah, C., Baral, R., Bartaula, B., & Shrestha, L. B. (2019). Virulence factors of uropathogenic Escherichia coli (UPEC) and correlation with antimicrobial resistance. *BMC Microbiol*, 19(1), 1–6. <https://doi.org/10.1186/s12866-019-1587-3>
- Soto, S. M. (2014). Importance of Biofilms in Urinary Tract Infections: New Therapeutic Approaches. *Adv in Biol*, 2014, 1–13.
<https://doi.org/10.1155/2014/543974>
- Tajbakhsh, E., Ahmadi, P., Abedpour-Dehkordi, E., Arbab-Soleimani, N., & Khamesipour, F. (2016). Biofilm formation, antimicrobial susceptibility, serogroups and virulence genes of uropathogenic E. coli isolated from clinical samples in Iran. *Antimicrob Resist Infect Control*, 5(1).
<https://doi.org/10.1186/s13756-016-0109-4>
- Trautner, B. W. (2010). Management of catheter-associated urinary tract infection. *Curr Opin Infect Dis*, 23(1), 76–82.
<https://doi.org/10.1097/QCO.0b013e328334dda8>
- Vandepitte, J., Engbaek, K., Rohner, P., Piot, P., & Heuck, C. (2003). *Prosedur Laboratorium Dasar untuk Bakteriologis Klinis* (2nd ed.). EGC.
- Wagenlehner, F. M., Lichtenstern, C., Rolfes, C., Mayer, K., Uhle, F., Weidner, W., & Weigand, M. A. (2013). Diagnosis and management for urosepsis. *Int J Urol*, 20(10), 963–970. <https://doi.org/10.1111/iju.12200>
- Wei, Q., & Ma, L. Z. (2013). Biofilm matrix and its regulation in Pseudomonas aeruginosa. In *Int J Mol Sci* (Vol. 14, Issue 10, pp. 20983–21005).
<https://doi.org/10.3390/ijms141020983>
- WHO. (2013). Urinary tract infections. *J Pract Nurs*, 35(1), 28–29.