

Recurrent Urinary Tract Infections

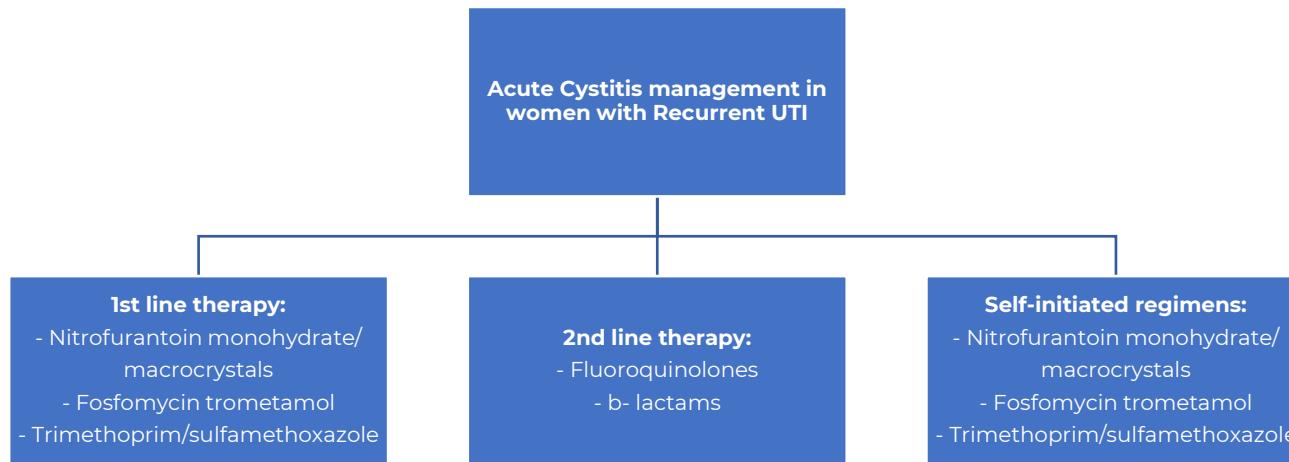
CHI Formulary Treatment algorithm

Treatment algorithm-October 2023
Supporting treatment algorithms
for the clinical management of
Recurrent Urinary Tract Infections

Figure 1 and 2 outline a comprehensive treatment algorithm on **Recurrent Urinary Tract Infections**, aimed at addressing the different lines of treatment after thorough review of medical and economic evidence by CHI committees.

For further evidence, please refer to CHI **Recurrent Urinary Tract Infections** full report. You can stay updated on the upcoming changes to our formulary by visiting our website at <https://chi.gov.sa/AboutCCHI/CCHIprograms/Pages>IDF.aspx>

Our treatment algorithm offers a robust framework for enhancing patient care and optimizing treatment outcomes across a range of treatment options, holding great promise for improving healthcare delivery.



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Figure 1: Treatment Algorithm for the Management of Acute Cystitis in Women with Recurrent Urinary Tract Infections

¹ Saudi Ministry of Health. Urinary Tract Infection Management Protocol.; 2021

Reid S, Brocksom J, Hamid R, et al. British Association of Urological Surgeons (BAUS) and Nurses (BAUN) consensus document: management of the complications of long-term indwelling catheters. *BJU Int.* 2021;128(6):667-677. doi:10.1111/bju.15406

Ginsberg DA, Boone TB, Cameron AP, et al. The AUA/SUFU Guideline on Adult Neurogenic Lower Urinary Tract Dysfunction: Treatment and Follow-up. *Journal of Urology*. 2021;206(5):1106-1113. doi:10.1097/JU.0000000000002239

Albarak M, Alzomor O, Almaghrabi R, et al. Diagnosis and management of community-acquired urinary tract infection in infants and children: Clinical guidelines endorsed by the Saudi Pediatric Infectious Diseases Society (SPIDS). *Int J Pediatr Adolesc Med.* 2021;8(2):57-67. doi:10.1016/j.ipam.2021.03.001

Tekgul S, Stein R, Bogaert G, et al. EAU-ESPU guidelines recommendations for daytime lower urinary tract conditions in children. *Eur J Pediatr.*

2020;179(7):1069-1077. doi:10.1007/s00431-020-03681-w

Kwok M, McGeorge S, Mayer-Coverdale J, et al. Guideline of guidelines: management of recurrent urinary tract infections in women. *BJU Int.* 2022;130(S3):11-22. doi:10.1111/bju.15756

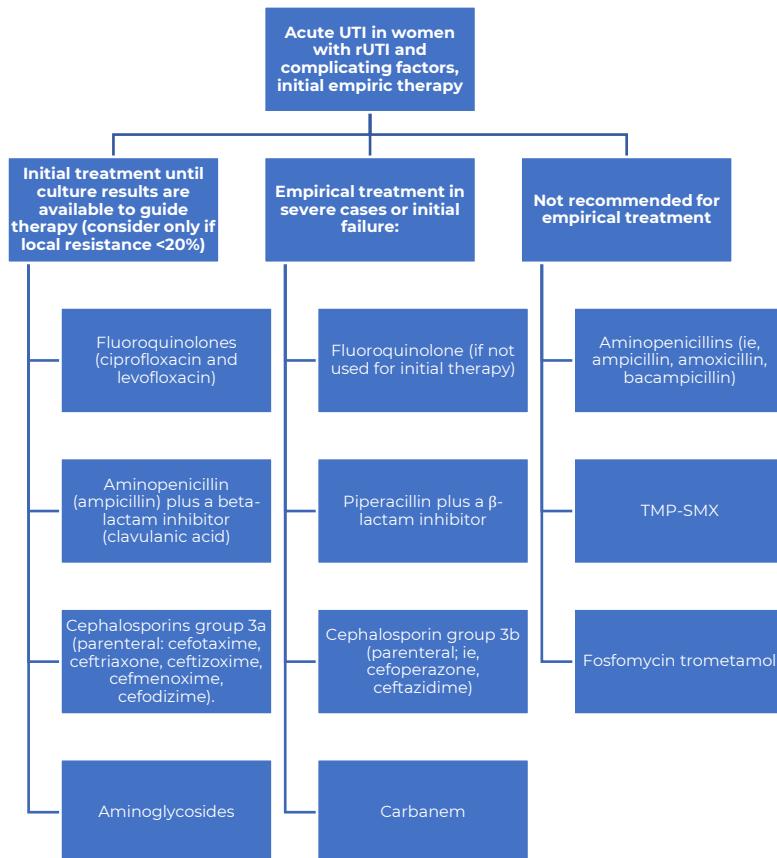


Figure 2: Treatment Algorithm for the Management of Acute UTI in Women with Recurrent Urinary Tract Infection and Complicating Factors

Urological Infections EAU Guidelines On.; 2023.

Brubaker L, Carberry C, Nardos R, Carter-Brooks C, Lowder JL. American Urogynecologic Society Best-Practice Statement: Recurrent Urinary Tract Infection in Adult Women. Female Pelvic Med Reconstr Surg. 2018;24(5):321-335. doi:10.1097/SPV.0000000000000550