

Renal and Ureteric Stones

CHI Formulary Treatment algorithm

Treatment algorithm- November 2023

Supporting treatment algorithms for the clinical management of Renal and Ureteric Stones

<u>Figure 1</u> outlines specific dietary and medical treatments for patients with calcium oxalate or mixed calcium oxalate/calcium phosphate stones. <u>Figure 2</u> outlines specific dietary and medical treatments for patients with uric acid stones. <u>Figure 3</u> outlines specific dietary and medical treatments for patients with cystine stones. 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 **Renal and Ureteric Stones** 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

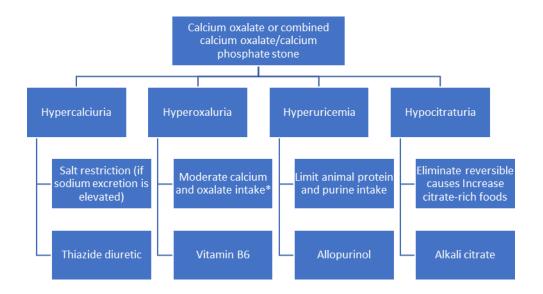


Figure 1. Specific dietary and medical treatments for patients with calcium oxalate or mixed calcium oxalate/calcium phosphate stones.

*Calcium intake 1200 mg daily (with meals), moderation of foods high in oxalate, pair oxalate and calcium-containing foods.

Bhojani N, Bjazevic J, Wallace B, et al. Update – 2022 Canadian Urological Association guideline: Evaluation and medical management of the kidney stone patient. Canadian Urological Association Journal. 2022;16(6). doi:10.5489/cuaj.7872. For the level of evidence, refer to the full report.

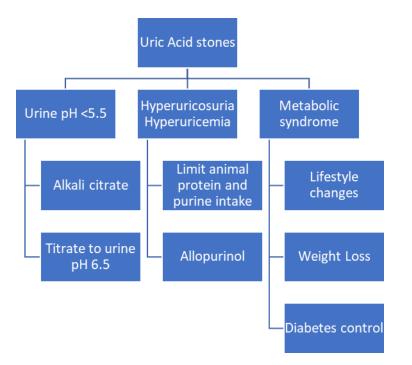


Figure 2. Specific dietary and medical treatments for patients with uric acid stones.

Bhojani N, Bjazevic J, Wallace B, et al. Update – 2022 Canadian Urological Association guideline: Evaluation and medical management of the kidney stone patient. Canadian Urological Association Journal. 2022;16(6). doi:10.5489/cuaj.7872. For the level of evidence, refer to the full report.

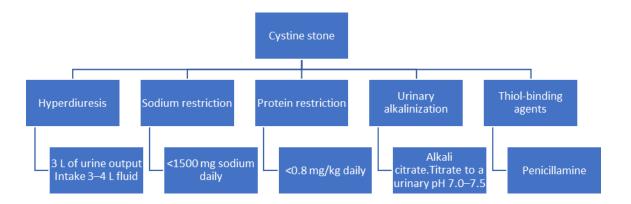


Figure 3. Specific dietary and medical treatments for patients with cystine stones.

Bhojani N, Bjazevic J, Wallace B, et al. Update – 2022 Canadian Urological Association guideline: Evaluation and medical management of the kidney stone patient. Canadian Urological Association Journal. 2022;16(6). doi:10.5489/cuaj.7872. For the level of evidence, refer to the full report.