



Diet and Urinary Stone Disease

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Message from the Guest Editor

Dear Colleagues,

Urolithiasis is considered a major public health issue, since urinary stone disease is estimated to affect up to 10% of the general population. Inappropriate dietary habits and overweight are suggested to promote worldwide increasing incidence and prevalence of urolithiasis. Diet plays an important role in urinary stone formation, with specific dietary factors being able to alter urinary composition and supersaturation, which can affect the process of crystallization and stone formation. However, the efficacy of dietary treatment and the role of overweight and diet dependent diseases in the formation of different types of stones require further investigation. In addition, dietary factors and other non-nutritional substances, such as the probiotics Oxalobacter and Lactobacillus, fat, protein, vitamins, sodium, oxalate, and fluid intake, can also exert potential protective or harmful effects on urinary stone formation.

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