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Emerging Technologies in Lithotripsy: Challenges, Trends and Perspectives

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Message from the Guest Editor

Urolithiasis is one of the most common urological diseases and is increasing in prevalence worldwide. In the United States, the prevalence has increased to nearly 8.8% over the past 40 years (Scales 2012). In the United Kingdom, the lifetime prevalence of nephrolithiasis has increased from 7.14% to 14%, and in Japan, the incidence has been rising over the past 40 years as well (Rukin 2017; Turney 2011; Yasui 2008). Although intrarenal stones may be asymptomatic, many ultimately migrate and become obstructive. Ureteral and renal calculi can lead to symptoms involving severe abdominal and flank pain, nausea, and urinary tract problems.

Recent years have seen a plethora of new tools emerge for the management of renal calculi as well as variations on established techniques. In this Special Issue, *Medicina* seeks to explore and evaluate these new technologies including thulium lasers and new approaches to percutaneous nephrolithotomy. To that aim, we invite you to submit articles that review these new innovations.



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Special Issue



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Message from the Editor-in-Chief

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