



EDITORIAL IN THIS ISSUE

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The use of Silodosin in Ureterolithiasis is the Hot Topic in this Number of International Brazilian Journal of Urology

Luciano A. Favorito ^{1,2}

¹ Unidade de Pesquisa Urogenital - Universidade do Estado do Rio de Janeiro - Uerj, Rio de Janeiro, RJ, Brasil; ² Serviço de Urologia, Hospital Federal da Lagoa, Rio de Janeiro, RJ, Brasil

The March-April number of International Brazilian Journal of Urology presents original contributions with a lot of interesting papers in different fields: Robotic Surgery, Artificial Intelligence, BPH, Endourology, Kidney cancer, Basic Research, Infertility, Bladder Cancer, Micropenis, Prostate Cancer and Reconstructive Urology. The papers came from many different countries such as Brazil, Italy, China, Denmark, Colombia, United Kingdom and Germany, and as usual the editor's comment highlights some of them. The editor in chief would like to highlight the works about Silodosin.

Dr. Godinho and colleagues from Brazil, presented in page e20250355 (1) a nice systematic review about the "Impact of preoperative Silodosin on ureteroscopy outcomes for ureterolithiasis". The paper shows important aspects about the α -adrenergic receptor antagonists and their capacity to optimize preoperative conditions during ureteroscopy. Ureteroscopy (URS) is one of the most important modalities for the management of ureteral stones (2-6). Silodosin is a selective alpha-1A adrenergic receptor blocker has at least one registered product approved for commercialization in Brazil by ANVISA in 2025.

In the present paper the authors concluded that the use of silodosin as a preoperative treatment in the URS approach for ureterolithiasis improves both the safety and efficiency of the procedure compared to no preoperative therapy. Future research should prioritize randomized controlled trials that incorporate stratification based on stone location while also focusing on standardizing the definition of stone-free rate, ensuring proper follow-up, and optimizing preoperative Silodosin treatment duration.

The Editor-in-chief expects everyone to enjoy reading.

CONFLICT OF INTEREST

None declared.

REFERENCES

- Godinho NJS, Colhado CH, de Amorim LGCR, Andrade MA Junior, Vilela MAD, da Costa SEM, Menezes THF, Lipkin M, Mazzucchi E. Impact of Preoperative Silodosin on Ureteroscopy Outcomes for Ureterolithiasis: A Systematic Review and Meta-Analysis. *Int Braz J Urol.* 2026 Mar-Apr;52(2). pii: e20250355. doi: 10.1590/S1677-5538.IBJU.2025.0355
- Pellanda AB, Torricelli FCM, Denstedt J, Danilovic A, Marchini GS, Vicentini FC, et al. Endoscopic combined intrarenal surgery: best practices and future perspectives. *Int Braz J Urol.* 2024 Nov-Dec;50(6):714-726. doi: 10.1590/S1677-5538.IBJU.2024.9921
- Santa Cruz JAC, Danilovic A, Vicentini FC, Brito AH, Batagello CA, Marchini GS, et al. Ureteral access sheath. Does it improve the results of flexible ureteroscopy? A narrative review. *Int Braz J Urol.* 2024 May-Jun;50(3):346-358. doi: 10.1590/S1677-5538.IBJU.2024.9907
- Giulioni C, Fuligni D, Brocca C, Ragoori D, Chew BC, Emiliani E, et al. Evaluating the safety of retrograde intrarenal surgery (RIRS): intra- and early postoperative complications in patients enrolled in the Global Multicentre Flexible Ureteroscopy Outcome Registry (FLEXOR). *Int Braz J Urol.* 2024 Jul-Aug;50(4):459-469. doi: 10.1590/S1677-5538.IBJU.2024.0055
- Lepine HL, Vicentini FC, Mazzucchi E, Molina WR, Marchini GS, Torricelli FCM, et al. Intraoperative computed tomography for detection of residual stones in endourology procedures: systematic review and meta-analysis. *Int Braz J Urol.* 2024 May-Jun;50(3):250-260. doi: 10.1590/S1677-5538.IBJU.2024.0092
- de Amorim LGCR, Campos MEC, Dumont LS, Rojas Peñafiel JA, Abreu ES, Marchini GS, et al. Retrograde intrarenal surgery with or without ureteral access sheath: a systematic review and meta-analysis of randomized controlled trials. *Int Braz J Urol.* 2024 Nov-Dec;50(6):670-682. doi: 10.1590/S1677-5538.IBJU.2024.0452

Luciano A. Favorito, MD, PhD

Unidade de Pesquisa Urogenital
da Universidade do Estado de Rio de Janeiro - UERJ,
Rio de Janeiro, RJ, Brasil
E-mail: lufavorito@yahoo.com.br

ARTICLE INFO



Luciano A. Favorito

<https://orcid.org/0000-0003-1562-6068>