

Tamsulosin versus Alfuzosin as medical therapy for ureteric stones

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ABSTRACT

Objectives: To evaluate and compare the efficacy of tamsulosin and alfuzosin as medical therapy in ureteric stones.

Patients and Methods: A total of 87 patients with ureteral stones of size ≤ 10 mm were randomly divided into 3 groups. Group I patients (n-30) received 0.4 mg of tamsulosin daily, group II patients (n-29) received 10 mg of alfuzosin daily and group III patients (n-28) received no alpha blockers. All patients were given analgesia when needed. Follow up was done in weekly basis for 4 weeks.

Results: The mean stone size (5.33 ± 1.58 , 5.79 ± 1.84 , 5.67 ± 1.64) and age (29.1 ± 6.3 , 30.31 ± 7.22 , 29.4 ± 7.63) were comparable in each groups. The stone expulsion rate was 83.3%, 79.3% and 50% in group I, II and III respectively. The drugs related side effects reported by patients were mild and transient.

Conclusion: The use of tamsulosin and alfuzosin for the medical treatment of ureteric stones proved to be safe and effective and neither did have any significant benefits over the other.