

## Review on Kidney Stone

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**Abstract:** *Nephrolithiasis, often called as renal calculi or Kidney stones are a very common conditions that Affects people of all ages. These stones or Ashmari is described in Vedic literature. Patients are Turning to natural Ayurvedic medicines as an Alternative to pharmaceutical drug, which may Produce long term side effects. Because urinary Stones are a very old ailment, several herbal Therapies have been used since ancient times. The Usage of Ayurvedic herbs is the most cost effective and secure method of treatment. These Ayurvedic Medicines have clinically established effects, such as dissolving or breaking down calculi and Assisting in the removal of stones without Undergoing surgery. Stones in the kidney can form in any section of the urinary track*

**Keywords:** Nephrolithiasis, Renal calculi, Aashmari, Herbal plant

### REFERENCES

- [1]. Asplin J, Parks J, Lingeman J, Kahnoski R, Mardis H, Lacey S, Goldfarb D, Grasso M, Coe F. Supersaturation and stone composition in a network of dispersed treatment sites. *J Urol* 1998;159:1821-5.
- [2]. Asplin JR. Nephrolithiasis: introduction. *Semin Nephrol* 2008;28:97-8.
- [3]. Coe FL, Wise H, Parks JH, Asplin JR. Proportional reduction of urine Supersaturation during nephrolithiasis treatment. *J Urol* 2001;166:1247-51.
- [4]. Borghi L, Guerra A, Meschi T, Briganti A, Schianchi T, Allegri F, Novarini A. Relationship between supersaturation and calcium oxalate crystallizations in normals and idiopathic calcium oxalate stone formers. *Kidney Int* 1999;55:1041-50
- [5]. Kawano PR, Cunha N, B, Silva IBL, et al. Effect of dietary supplementation Of vitamin d on ethylene glycol-induced Nephrolithiasis in rats. *J Nutr Food Sci.* 2016;5(3):342–499
- [6]. Su CJ, Shevock PN, Khan SR, et al. Effect of magnesium on calcium Oxalate urolithiasis. *J Urol.* 1991;145(5):1092–1095.
- [7]. Ettinger B, Citron JT, Livermore B, et al. Chlorthalidone reduces calcium Oxalate calculous recurrence but magnesium hydroxide does not. *J Urol.* 1988;139(4):679–984.
- [8]. Asselman M, Verhulst A, De Broe ME, Verkoelen CF. Calcium oxalate crystal Adherence to hyaluronan-, osteopontin-, And CD44-expressing injured/regenerating tubular epithelial cells in rat kidneys. *J Am Soc Nephrol* 2003;14:3155–66.
- [9]. Randall A. Recent Advances in Knowledge Relating to the Formation, Recognition and Treatment of Kidney Calculi. *Bull N Y Acad Med* 1944;20:473–84.
- [10]. Asselman M, Verhulst A, Van Ballegooijen ES et al. Hyaluronan is apically secreted And expressed by proliferating or regenerating renal tubular cells. *Kidney Int* 2005;68:71–83.
- [11]. Parks JH, Coe FL. An increasing number of Calcium oxalate stone events worsens treatment outcome. *Kidney Int* 1994;45:1722–30.
- [12]. Ciftcioglu N, Bjorklund M, Kuorikoski K, Bergstrom K, Kajander EO. Nanobacteria: an infectious cause for kidney stone formation. *Kidney Int* 1999;56:1893–8.
- [13]. Cooper, J. T., Stack, G. M., and Cooper, T. P. 2000. “Intensive Management of Ureteral Calculi.” *Urology* 56 (4): 575-8.
- [14]. Auge, B. K., and Preminger, G. M. 2002. “Surgical Management of Urolithiasis.” *Endocrinol Metab Clin North Am* 31 (4): 1065-82.



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- [15]. Parks, J. H., Goldfischer, E. R., and Coe, F. L. 2003. "Changes in Urine Volume Accomplished by Physicians Treating Nephrolithiasis." *J Urol* 169 (3): 863-6.
- [16]. Borghi, L., Schianchi, T., Meschi, T., et al. 2002. "Comparison of Two Diets for the Prevention of Recurrent Stones InidiopathicHypercalciuria." *N Engl J Med* 346 (2): 77-84.
- [17]. Prasad, K. V., Bharathi, K., and Srinivasan, K. K. 1994. "Evaluation of Ammanniabaccifera Linn for Antiurolithic Activity in Albino Rats." *Indian J ExpBiol* 32 (5): 311-3.
- [18]. Anand, R., Patnaik, G. K., Kamal, R., and Bhaduri, A. P. 1995. "Antioxaluric and Anticalciuric Activity of Lupeol Derivatives." *Indian J Pharmacol* 27 (4): 265-8.
- [19]. Doddola, S., Pasupulati, H., Koganti, B., and Prasad, K. V. 2008. "Evaluation of Sesbania grandiflora for Antiurolithiatic and Antioxidant Properties." *J Nat Med* 62 (3): 300-7.
- [20]. Sharma, A., Shanker, C., Tyagi, L. K., et al. 2008. "Herbal Medicine for Market Potential in India: An Overview." *Academic Journal of Plant Sciences* 1 (2): 26-36.

