

Special issue on kidney stone disease

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The special issue on kidney stone disease is published by the *Translational Andrology and Urology* (Transl Androl Urol; Print ISSN 2223-4683; Online ISSN 2223-4691) (Figure 1), which was launched in September 2014 (www.amepc.org/tau/issue/view/230). This special issue is edited by Prof. Marshall L. Stoller (Figure 2) and Prof. Thomas Chi (Figure 3) from Department of Urology, University of California, San Francisco, California, USA. The editors have assembled a series of remarkably comprehensive reviews by some of the worlds' foremost endourologists

highlighting a few of the interesting topics in endourology.

Urinary stone disease is a frequent challenge for the urologic practitioner. The special issue has made an effort to provide both an overview of the topic at hand and also a perspective on how authors and others approach some of the complex topics faced by endourologists and urologists treating nephrolithiasis on a daily basis. With a growing incidence of urinary stones seen worldwide, the special issue hope to offer an applicable resource for urologic practitioners' practice (1). The outline of the issue is listed as below.



Figure 1 Cover image of the special issue on kidney stone disease in the *Translational Andrology and Urology* (TAU).



Figure 2 Marshall L. Stoller. Professor and Vice Chair, Department of Urology, University of California, San Francisco, California, USA.



Figure 3 Thomas Chi. Assistant Professor, Department of Urology, University of California, San Francisco, California, USA.

Review Article

- ❖ Cystine nephrolithiasis
Hasan Fattah, Yasmin Hambaroush, David S. Goldfarb

Commentary from Guest Editors

- ❖ Treating the cystine stone former presents a singular clinical challenge
Thomas Chi, Eric Taylor, Marshall L. Stoller

Review Article

- ❖ Calcium intake and urinary stone disease
Mathew D. Sorensen

Commentary from Guest Editors

- ❖ Making sense of dietary calcium and urinary stone disease
Thomas Chi, Eric Taylor, Marshall L. Stoller

Review Article

- ❖ Kidney stone risk following Roux-en-Y gastric bypass surgery
Benjamin K. Canales, Ricardo D. Gonzalez

Commentary from Guest Editors

- ❖ Gastric bypass surgery patients warrant special attention for preventing urinary stones
Thomas Chi, Eric Taylor, Marshall L. Stoller

Review Article

- ❖ The role of Randall plaques on kidney stone formation
Hsiao-Jen Chung

Commentary from Guest Editors

- ❖ Alexander Randall may have had it right after all
Thomas Chi, Eric Taylor, Marshall L. Stoller

Review Article

- ❖ Reactive oxygen species, inflammation and calcium oxalate nephrolithiasis
Saeed R. Khan

Commentary from Guest Editors

- ❖ Reactive oxygen species may unite many mechanisms by which calcium oxalate stones form
Thomas Chi, Eric Taylor, Marshall L. Stoller

Review Article

- ❖ Economic impact of urinary stones
Elias S. Hyams, Brian R. Matlaga

Commentary from Guest Editors

- ❖ The days of cost effective management for nephrolithiasis are already upon us
Thomas Chi, Eric Taylor, Marshall L. Stoller

Review Article

- ❖ Metabolic syndrome and nephrolithiasis
Krishna Ramaswamy, Ojas Shab

Commentary from Guest Editors

- ❖ The link between metabolic syndrome and nephrolithiasis: a white whale for understanding urinary stone disease
Thomas Chi, Eric Taylor, Marshall L. Stoller

Review Article

- ❖ Perioperative cultures and the role of antibiotics during stone surgery
Piruz Motamedinia, Ruslan Korets, Gina Badalato, Mantu Gupta

Commentary from Guest Editors

- ❖ Looking beyond the guidelines for perioperative antibiotics in nephrolithiasis
Thomas Chi, Eric Taylor, Marshall L. Stoller

Review Article

- ❖ Fad diets and their effect on urinary stone formation
Antonio Nouvenne, Andrea Ticinesi, Ilaria Morelli, Loredana Guida, Loris Borghi, Tiziana Meschi

Commentary from Guest Editors

- ❖ Moderation may be the best fad diet for urinary stone disease
Thomas Chi, Eric Taylor, Marshall L. Stoller

Review Article

- ❖ Advances in ureteral stents
Hilary Brotherhood, Dirk Lange, Ben H. Chew

Commentary from Guest Editors

- ❖ Ureteral stents are part of an ever-expanding

technology horizon

Thomas Chi, Eric Taylor, Marshall L. Stoller

in urinary stone disease

Thomas Chi, Eric Taylor, Marshall L. Stoller

Review Article

- ❖ Advances in ureteroscopy

David R. Wetherell, Damien Ling, Darren Ow, Bhawanie Koonjeberry, Ania Sliwinski, Mahesha Weerakoon, Nathan Papa, Nathan Lawrentschuk, Damien M. Bolton

Commentary from Guest Editors

- ❖ Balancing the utility of new technology against cost

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References

1. Chi T, Stoller ML. Kidney stone disease. *Transl Androl Urol* 2014;3:227.

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