

**4** Name of journal: *World Journal of Nephrology*

ESPS Manuscript NO: 12414

Manuscript Type: Review

### Medical and alternative therapies in the urinary tract stone disease

Ercan Yuvanc, Erdal Yilmaz, Devrim Tuglu, Ertan Batislam

#### Abstract

Nephrolithiasis is a serious problem for both the patients and the health system. Recurrence stands out as a significant problem in urinary system stone disease, the prevalence of which is increasing gradually. If recurrence is not prevented, patients may go through recurrent operations due to nephrolithiasis. While classical therapeutic options are available for all stone types, the number of extensive meta-analyses focusing on their efficiency, and randomized controlled studies is not adequate. Various therapeutic options alternative to these medical therapies also stand out in recent years. The etiology of urolithiasis is multifactorial and it is not always related to nutritional factors. Nutrition therapy seems to be useful, either along with pharmacological therapy, or as a monotherapy. General nutrition guidelines are useful in promoting public health and for developing nutrition plans that reduce the risk for or attenuate the effects of diseases that are affected by nutrition. Nutrition therapy involves evaluation of patient's nutritional state and intake, diagnosis of nutrition risk factors, and setting up and application of a nutrition program. The main target is reduction or prevention of calculus formation and growth via decreasing lithogenic risk factors and increasing lithogenic inhibitors

#### Match Overview

1	CrossCheck 44 words Chad R Tracy, "Update on the medical management of stone disease", <i>Current Opinion in Urology</i> , 03/2009	1%
2	Internet 43 words crawled on 07-Dec-2013 <a href="http://www.ncbi.nlm.nih.gov">www.ncbi.nlm.nih.gov</a>	1%
3	CrossCheck 15 words MARGARET S. PEARLE, "Meta-Analysis of Randomized Trials for Medical Prevention of Calcium Oxalate Nephrolithiasis"	<1%
4	Internet 11 words crawled on 10-Mar-2015 <a href="http://www.wjgnet.com">www.wjgnet.com</a>	<1%
5	CrossCheck 10 words Michael Lipkin, "Medical therapy of stone disease: From prevention to promotion of passage options", <i>Current Urology</i>	<1%
6	CrossCheck 9 words Pearle, Margaret S., and Yair Lotan. "Urinary Lithiasis", <i>Campbell-Walsh Urology</i> , 2012.	<1%
7	Internet 9 words crawled on 10-Jul-2015 <a href="http://www.rxfles.ca">www.rxfles.ca</a>	<1%
8	Internet 8 words crawled on 14-Nov-2013 <a href="http://images.yoli.com">images.yoli.com</a>	<1%



Medical and alternative therapies in the urinary tract stone disease



网页

图片

新闻

视频

购物

更多 ▾

搜索工具

找到约 1,350,000 条结果 (用时 0.40 秒)

## Google 学术: Medical and alternative therapies in the urinary tract stone disease

... of two diets for the prevention of recurrent stones in ... - Borghi - 被引用次数: 742

... as first line treatment alternative for urinary tract stones ... - Muslumanoglu - 被引用次数: 138

... , therapy and follow-up of men with lower urinary tract ... - Madersbacher - 被引用次数: 610

### Bladder stones - Mayo Clinic

[www.mayoclinic.org/diseases/.../bladder-stones/.../con-2003029...](http://www.mayoclinic.org/diseases/.../bladder-stones/.../con-2003029...) ▾ 翻译此页

Bladder stones — Comprehensive overview covers symptoms, complications, treatment of mineral buildups in your bladder. ... Bladder stones develop when urine in your bladder becomes concentrated, causing ... Small bladder stones sometimes pass on their own, but you may need to have others removed by your doctor.

### Bladder Stones - Symptoms, Diagnosis, Treatment of ...

[www.nytimes.com/health/.../disease/bladder-stones/overview.ht...](http://www.nytimes.com/health/.../disease/bladder-stones/overview.ht...) ▾ 翻译此页

2012年6月18日 - Back to TopAlternative Names. Stones - bladder; Urinary tract stones; Bladder calculi ... Back to TopWhen to Contact a Medical Professional. Call your health care provider if you have symptoms of bladder stones.

### Kidney Stones - Symptoms, Diagnosis, Treatment of Kidney ...

[www.nytimes.com/health/.../disease/kidney-stones/overview.ht...](http://www.nytimes.com/health/.../disease/kidney-stones/overview.ht...) ▾ 翻译此页

2013年10月2日 - A kidney stone is a solid mass made up of tiny crystals. ... Back to TopAlternative Names ... For some types of stones, your doctor may prescribe medicine to prevent stones from forming or help break down and remove the ...

### Kidney stones | University of Maryland Medical Center

<https://umm.edu/health/medical/altmed/condition/kidney-stones> ▾ 翻译此页

If you are in extreme pain, your health care provider may give you a strong pain reliever. Your health care ... Do not treat kidney stones with alternative therapies.



[网页](#)[图片](#)[新闻](#)[地图](#)[视频](#)[更多 ▾](#)[搜索工具](#)

找到约 3,590,000 条结果（用时 0.48 秒）

## Google 学术: Medical and alternative therapies in the urinary tract stone disease

... of two diets for the prevention of recurrent stones in ... - [Borghi](#) - 被引用次数: 743

... as first line treatment alternative for urinary tract stones ... - [Muslumanoglu](#) - 被引用次数: 139

... , therapy and follow-up of men with lower urinary tract ... - [Madersbacher](#) - 被引用次数: 610

## Bladder stones - Mayo Clinic

[www.mayoclinic.org/diseases-conditions/bladder-stones/.../con-...](http://www.mayoclinic.org/diseases-conditions/bladder-stones/.../con-...) ▾ [翻译此页](#)

**Bladder stones** — Comprehensive overview covers symptoms, complications, treatment of mineral buildups in your bladder. ... Bladder stones develop when urine in your bladder becomes concentrated, causing ... Small bladder stones sometimes pass on their own, but you may need to have others removed by your doctor.

## Kidney stones | University of Maryland Medical Center

<https://umm.edu/health/medical/altmed/condition/kidney-stones> ▾ [翻译此页](#)

If you are in extreme pain, your health care provider may give you a strong pain reliever. Your health care ... Do not treat kidney stones with alternative therapies.

## Stones in the Urinary Tract - The Merck Manuals

[www.merckmanuals.com/.../kidney...urinary-tract-disorders/sto...](http://www.merckmanuals.com/.../kidney...urinary-tract-disorders/sto...) ▾ [翻译此页](#)

Learn about Stones in the Urinary Tract symptoms, diagnosis and treatment in the ... Find information on medical topics, symptoms, drugs, procedures, news and ...

## Kidney Stones - Symptoms, Diagnosis, Treatment of Kidney ...