

## PEER-REVIEW REPORT

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

**Manuscript NO:** 41130

**Title:** Confounding risk factors and preventative measures driving nephrolithiasis global makeup

**Reviewer's code:** 00503228

**Reviewer's country:** Iran

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-08-01

**Date reviewed:** 2018-08-02

**Review time:** 20 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

It is a study of interest, but if it had novel things to present. Already there are quite a large number of excellent reviews studying this issue very well. Your study is not well categorized, and not presenting detailed data. I propose you make a more



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7901 Stoneridge Drive, Suite 501,  
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comprehensive and subcategorized data presentation. In concise you should be different and more detailed and update in your data than the previous reviews. Let's see which of the below mentioned you may provide 1. genes accused of elevated nephrolithiasis and description 2. Discuss correlates of pediatric nephrolithiasis more extensive and in a different sub category 3. Discuss more about the higher incidence of neph. in men vs. female, and why the incidence is more increasing in the females than in males in the recent years: e.g. working outdoor is a very significant issue; and struvite stones more prevalent in females.. 4. Discuss about the medical problems (e.g. hyperparathyroidism, sarcoidosis, fat malabsorption and its correlates, cancers and so on) 5. Your categorization of countries based on climate (table 1) is not accurate. For example, you reported Japan as a warm and australia as temperate climate while the mean annual temperature in Japan is almost half of that in Australia ([https://en.wikipedia.org/wiki/List\\_of\\_countries\\_by\\_average\\_yearly\\_temperature](https://en.wikipedia.org/wiki/List_of_countries_by_average_yearly_temperature)). 6. Discuss the variations in the incidence of neph. in individual countries (e.g. higher in summers, white ethnicity, exposure to chemicals, sun exposure, and soon) 7. Discuss the role of supplementary vitamin D/calcium intake on the incidence (very important, discuss it in details) 8. Discuss the role of immigration to societies different than that of the native ones and the change in the incidence and role of ethnicity remained. 9. I propose to make global and national maps of each risk factors provided (e.g. diabetes mellitus, climate, economic level, ethnicity, alcohol consumption, and son on) and the a map of the incidence of nephrolithiasis and discuss to correlate them together.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

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## PEER-REVIEW REPORT

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

**Manuscript NO:** 41130

**Title:** Confounding risk factors and preventative measures driving nephrolithiasis global makeup

**Reviewer's code:** 00503260

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-08-01

**Date reviewed:** 2018-08-03

**Review time:** 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

Nephrolithiasis is increasing in developed and developing countries at an alarming rate. Therefore, it is important that the authors indicated and analyzed the four categories of risk factors in contributing to the global scale of nephrolithiasis. Because



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some associated risk factors for nephrolithiasis are raised and indicated in detail, I think that the manuscript has been well written. However, one minor concern has been raised. Namely, no figures are found to indicate that lifestyle, diets, environment and additional factors including genetics are risk factors for nephrolithiasis. Therefore, the authors should add the representative figures to indicate risk factors for nephrolithiasis.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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- ☐ [Y] No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 41130

**Title:** Confounding risk factors and preventative measures driving nephrolithiasis global makeup

**Reviewer's code:** 00503179

**Reviewer's country:** Denmark

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-08-01

**Date reviewed:** 2018-08-04

**Review time:** 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
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publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

The paper is a well written manuscript assessing risk factors and preventive initiatives regarding nephrolithiasis. The purposes have been to analyse the four categories of risk factors to renal stone formation and to discuss prevention of stone formation. Dietary,



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genetic, environmental, and lifestyle factors are discussed in a relevant and balanced way. The different types of stones are mentioned. Risk factors are put in a global perspective. The complex nature of stone disease and its cause is clearly indicated.

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- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 41130

**Title:** Confounding risk factors and preventative measures driving nephrolithiasis global makeup

**Reviewer's code:** 00503286

**Reviewer's country:** Romania

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-08-01

**Date reviewed:** 2018-08-05

**Review time:** 3 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

The paper "Assessment of confounding risk factors and preventative measures driving the global makeup of nephrolithiasis" should be published after minor corrections with the editor.





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7901 Stoneridge Drive, Suite 501,  
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## PEER-REVIEW REPORT

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

**Manuscript NO:** 41130

**Title:** Confounding risk factors and preventative measures driving nephrolithiasis global makeup

**Reviewer's code:** 00503182

**Reviewer's country:** Egypt

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-08-01

**Date reviewed:** 2018-08-06

**Review time:** 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
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### SPECIFIC COMMENTS TO AUTHORS

Nothing

### INITIAL REVIEW OF THE MANUSCRIPT



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Pleasanton, CA 94588, USA  
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- ☐ No

*BPG Search:*

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- ☐ Plagiarism
- ☐ No