

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 15198

**Title:** Changes in Urinary Excretion of Water and Sodium Transporters during Amiloride and Bendroflumethiazide Treatment. A Randomized, Placebo-Controlled Trial in Healthy Humans

**Reviewer's code:** 00503382

**Reviewer's country:** United States

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2014-11-18 08:48

**Date reviewed:** 2015-01-19 11:18

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

## COMMENTS TO AUTHORS

The authors investigated the effect of five day administration of BFTZ and amiloride in a randomized, placebo controlled, double blinded crossover study. Overall, the study is valid and the findings are laudable. It can be published in this journal with minor change. Minor comment: 1) The authors shall include the statistical results in the abstract. 2) There is an inconsistency of the number of subjects in this study. Such as Line 155 "Thirty cases", Line 286 "Thirty-two healthy women". In figure 2, n=31 for randomization... Please double-check across the entire manuscript. 3) missing characters in the Figure 3 and 4' legend "ENaCγ??B???" ... means ? SEM."

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**Title:** Changes in Urinary Excretion of Water and Sodium Transporters during Amiloride and Bendroflumethiazide Treatment. A Randomized, Placebo-Controlled Trial in Healthy Humans

**Reviewer's code:** 01422704

**Reviewer's country:** United Kingdom

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2014-11-18 08:48

**Date reviewed:** 2015-01-06 01:46

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

This is an interesting paper. I have the following statistical comments. 1. Abstract - should include a description of the statistical methods used & statistical results should be presented. 2. No need to present a power calculation - this is done when designing a study. 3. P-values should be consistently reported to the same number of decimal places. Give exact p-values unless  $p < 0.001$