

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

ESPS manuscript NO: 25453

Title: Is overhydration in Peritoneal Dialysis patients associated with cardiac mortality that might be reversible?

Reviewer's code: 00211908

Reviewer's country: Netherlands

Science editor: Shui Qiu

Date sent for review: 2016-03-18 17:41

Date reviewed: 2016-03-28 14:06

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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input checked="" type="checkbox"/> High priority for publication
<input 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 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

Abstract section:Page 3: Please mention this abbreviation (BIS)full out for the first time cited in text.

Page 6: Line 14: Please amend and correct the values ----- >014 ng/L -----. Page 8: Line 22: the unit of cTnT value is not clear.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

ESPS manuscript NO: 25453

Title: Is overhydration in Peritoneal Dialysis patients associated with cardiac mortality that might be reversible?

Reviewer's code: 00503252

Reviewer's country: Japan

Science editor: Shui Qiu

Date sent for review: 2016-03-18 17:41

Date reviewed: 2016-04-07 15:07

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 type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input 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 type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

Oei E et al. reported that peritoneal dialysis (PD) patients with overhydration (OH) had higher cardiac troponin (cTnT) levels and deaths were more likely to be cardiac related. The authors also showed that the rate of improvement of OH correlated to decrements in cTnT. The manuscript is well written, however, there are several issues to be addressed. Major: 1. The patients' cardiac function should be evaluated. 2. Cause of OH and daily urinary volume should be evaluated. 3. Cause of cardiac death should be reported. 4. Hb is largely influenced by several factors such as status of volume, ESA dose etc. How can we say that it is a biochemical marker of nutrition? 5. The authors need to discuss why there were no difference between baseline and time-averaged biochemical markers (Alb and Hb). Both of them should be influenced by state of volume. 6. The authors did not show any data about patient' nutrition, but stated conclusion in relation to "correction of malnutrition" in Abstract section. 7. The authors mentioned that "due to patients' salt and fluid restriction with consequent diminished dietary protein intake" (P10, L7-8). If it is true, all PD patients with reduced urinary volume should lose LTM. 8. How about nutritional guidance for patients?



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Excess calories due to use of hypertonic glucose should be calculated. Minor: 1. What does "BIS" mean in Abstract?

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

ESPS manuscript NO: 25453

Title: Is overhydration in Peritoneal Dialysis patients associated with cardiac mortality that might be reversible?

Reviewer's code: 00503292

Reviewer's country: South Africa

Science editor: Shui Qiu

Date sent for review: 2016-03-18 17:41

Date reviewed: 2016-04-07 15:33

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" 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"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This study shows a positive correlation of overhydration to cardiac troponin levels as a predictor of cardiac abnormality. There are a few minor corrections that need to be made (see track changes). The retrospective nature of the study is a limitation of the study.