

July 31, 2013

Dear Editor,

Please find enclosed the edited manuscript in Word format (name: "Laser Doppler in CKD revised").

Title: Evaluation of microvascular reactivity with laser Doppler flowmetry in chronic kidney disease

Author: Levente Babos, Zoltán Járai, János Nemcsik

Name of Journal: *World Journal of Nephrology*

ESPS Manuscript Number: 4098

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer:

Reviewer (1) [Number ID 00503272]

Comment:

Endothelial dysfunction is a common comorbidity in patients with chronic kidney disease. In this review, the authors painstakingly brought to focus the different methods of laser Doppler flowmetry that can be used to assess endothelial dysfunction in CKD patients. The review is very good and highly educative in content.

Response:

We were pleased to read, that you have found our review very good with highly educative content! Thank you for your detailed response and grammatical suggestions! We made all the recommended grammatical corrections and redefined those sentences which were confusing.

Reviewer (2) [Number ID 00462815]

Comment:

The review article by Babos et al. focuses on compiling information about the utility of laser Doppler flowmetry techniques in chronic kidney disease. Although it is a fairly good approximation to different laser Doppler techniques, its relation to chronic kidney disease is absent. Furthermore, the argument/section on "Evidence of endothelial dysfunction in chronic kidney disease" is also poor. For a review paper it should be analyzed with more detail. In addition, authors attempt to make a critical revision of accumulated data on the value of the different techniques presented. Although they show the strength and weakness showed by different studies, no conclusion is provided in each

section. The reader would finish each section with a mixture of contradicting facts but no clear conclusion.

Response:

Although the referee found our review to be a fairly good approximation to different laser Doppler techniques, but he thinks its relation to CKD is absent. We think that the relation of those techniques, which can early detect endothelial dysfunction in CKD is highly relevant as endothelial dysfunction has an important pathophysiological role in the atherosclerotic processes. Laser Doppler flowmetry can be one of these techniques.

The referee found our section "Evidence of endothelial dysfunction in chronic kidney disease" to be poor, but gave no exact description about his opinion. As we think this section to be well-prepared and the other referee had no comments on it, we made no changes.

We agree, that it could have been confusing, that no short summary has been provided at the end of each methodological sections, so we have written short summary sentences.

Thank you again for publishing our manuscript in the *World Journal of Nephrology*.

Sincerely,

A handwritten signature in blue ink, appearing to read 'János Nemcsik', with a long horizontal flourish extending to the right.

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