

Responses to Reviewers

World Journal of Nephrology

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

1. Format has been updated
2. Revisions have been made according to the suggestions of the reviewers

(1) Reviewer 629064

1. The clinical characteristics of chronic kidney disease are explained in better detail on page 3 (introduction).
2. Metabolic syndrome criteria have been placed in sequential order in Table 1.
3. References 2-6 are contained in the manuscript and are now mentioned in the Table 1 header. The order of these references has been updated chronologically as well.
4. "Metabolic syndrome as an association with chronic kidney disease" section has been rewritten.

(2) Reviewer 40410

1. The theme for the section "Metabolic syndrome as an association with chronic kidney disease" has been introduced, as the lowest level of evidence.
2. The section has been rearranged so that the clinical nature of CKD progression is now the first paragraph in this section. The mechanisms section is the most difficult section in this paper. I have tried my best to explain this further without added text length by using "first", "second", etc...
3. The third and fourth paragraphs which relate to the interaction of cardiovascular disease and chronic kidney disease progression are now in a new, separate section.

(3) Reviewer 13213

1. Sentences have been reduced in length, as far as possible, to no more than three text lines.

2. The insulin resistance mechanism as an etiology for CKD progression has been clarified, in conjunction with the suggestions of reviewer 40410. Wherever possible, clarification has been provided if the sentences seemed vague.

3. Repetition of data has been reduced to the extent possible.

4. The need for future studies section has been considerably reduced in length, but has been respectfully retained due to the title of the paper "Future Directions".

5. Sentences have been shortened. The overall length of the manuscript has been reduced by 700-800 words.

6. For Table 1, in also keeping with the suggestions of reviewer 629064, the definitions have been placed in chronological order. The total number of definitions has been reduced to four. The 2001 definition has been removed since it is redundant. The others are sufficiently different to be mentioned together in the table.

(4) Reviewer 504962

I am grateful for the review.

3. References and typesetting were corrected

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

Sincerely,

Dr. G. V. Ramesh Prasad