

December 5, 2014

World Journal of Hypertension

Ref: Resubmission- ESPS Manuscript NO: 14448

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 14448-edited(1) Thomas et al).

Title: "Endocrine hypertension – an overview on the current etiopathogenesis and management options"

Author (s): Reena M Thomas MD, MRCP (UK), Ewa Ruel MD, Prapimporn Ch. Shantavasinkul MD, Leonor Corsino MD, MHS, FACE

Name of Journal: *World Journal of Hypertension*

ESPS Manuscript NO: 14448.

Thank you for considering our manuscript for publication in the World Journal of Hypertension. The manuscript has been improved according to the suggestions of reviewers and the Editor's office. All changes are highlighted in the manuscript using track changes mode in MS word.

1 Format has been updated.

Answers: the format of the manuscript has been updated according to the editor and reviewers comments.

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

(1) Reviewers # 00220901 :

1. In page 3, at "Aldosterone producing adenomas section"; the unit of urinary levels of aldosterone is not clearly defined.

Answer: The units of urine aldosterone has been deleted in order to avoid confusion to the readers.

2. In page 4, at "Laboratory Testing" section; the approximate percentage of hypokalemia in patients with hyperaldosteronism could be mentioned.

Answer: we included the percentage of patients with hyperaldosternonism that will present with hypokalemia.

3. In page 4, at "Screening" section; the authors should mention that plasma aldosterone and renin

values testing is performed in the morning on a seated ambulatory patient (Funder JW, 2008, JCEM, Endocrine Society Clinical Practice Guideline).

Answer: we have included a stated incorporating the suggestion mentioned above by the reviewer.

4. In page 5, at "Screening" section; the authors need to mention the units of plasma aldosterone and plasma renin activity for the mentioned PA/PRA cut-off values such as 32 and 30.

Answer: we added the units as suggested by the reviewer.

5. In page 7 the authors have to add reference or references after the sentence; "Recent research has focused on how to best utilize computerized tomography (CT) scan versus adrenal vein sampling (AVS) in order to correctly identify those patients who may potentially be cured with surgery."

Answer: the authors added 3 reference supporting this statement.

6. In page 12-13, at section "Primary Hyperaldosteronism and associated genetic disorders", the authors need to mention the recently defined genetic hyperaldosteronism, familial syndrome Type 3 (familial hyperaldosteronism type 3).

Answer: we included a definition of type 3 in the manuscript.

7. In page 13, at "conclusion section" the sentence "For proper diagnosis of APA, adrenal venous sampling (AVS)...." need to be changed as "AVS is the most reliable technique used to distinguish a true unilateral adenoma (APA) from bilateral disease notably IHA"

Answer: the authors modified this statement in the conclusion in order to address the reviewer comment.

8. At the end of "Primary aldosteronism" section, a table summarizing the clinical features and diagnostic criteria of primary hyperaldosteronism would be useful for the reader.

Answer: a table has been created to summarize the work up, diagnosis and management of both conditions reviewed in this manuscript.

9. Reference number 68 need to be written more clearly.

Answer: all references were revised.

(2) Reviewer # 01252039

Thank you so much for reviewing our manuscript.

(3) Reviewer # 02445430

1. Minor revisions: The titles of Chapters and subchapters should be better highlighted and organized: in its current form the structure is identical for every subchapter, and this might create confusion to the reader. If possible, a few tables should be added, to summarize, for example, the diagnostic procedures for every disease, or their different treatments. This might improve the appeal of the paper. Some figures (e.g. ct/rm images or intraoperative findings) can also be added to this purpose.

Answer: In order to address the reviewers comments above the authors included the following into the manuscript: 1) we included bolded and capitalized subtitles to each section to avoid confusion to the reader; 2) one table was included summarizing diagnosis, work up and management of each disease; 3) we included two figures with imagining to the manuscript.

3 References and type setting were corrected

Thank you again for reviewing our manuscript and for publishing our manuscript in the *World Journal of Hypertension*

Sincerely yours,

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