

## ANSWERING REVIEWERS

**Name of journal:** World Journal of Hypertension

**ESPS Manuscript NO:** 16251

**Columns:** REVIEW

March 23, 2015

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 16251-edited-revised final version-Kuroda Kato-CLEANED (changes in red)).

**Title:** Hypertensive Cardiomyopathy: A Clinical Approach and Literature Review

**Author:** Kishio Kuroda, Tomoko S Kato, Atsushi Amano

**Name of Journal:** *World Journal of Hypertension*

**ESPS Manuscript NO:** 16251

Thank you for your favorable review of our manuscript (NO:16251), entitled "Hypertensive Cardiomyopathy: A Clinical Approach and Literature Review" by Kuroda. et al.

According to your instructions, we have made a revision of the original manuscript. We appreciate the helpful suggestions and straightforward comments of the reviewers and the editors. The changes that we have made to the previous version of the manuscript are included with the current version, which are highlighted in red, and are detailed on separate pages.

We believe that our manuscript has been improved considerably by the reviewers' and the editor's pertinent suggestions. We hope that our revised version is now acceptable for publication in the Journal.

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer (Please see the comments and our responses in the next pages.

3 References and typesetting were corrected

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

Sincerely yours,

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### **Response to the Editor and the Reviewers**

We thank the Editor and the Reviewers for their careful review of our manuscript and appreciate the suggestions to revise the manuscript. We thank the reviewers for their helpful and insightful comments that clearly helped to improve the quality of our manuscript. In the revised version of our manuscript, we carefully addressed all points raised by the reviewers in order to strengthen the manuscript. We hope that it can now be considered for publication in World Journal of Hypertension.

### **Response to Comments from Reviewer 00631853**

**This is a very interesting review that extends our knowledge on the hypertensive cardiomyopathy. The analysis is convincing, the manuscript is coherent and easy to follow, and the references are appropriate (except that references 53 & 54 are duplicate).**

Thank you very much for the encouraging comments. In the revised manuscript, we have corrected the duplications in the reference list.

### **Response to Comments from Reviewer 00070411**

**This is a general literature review about hypertensive cardiomyopathy. The authors reviewed epidemiology, pathogenesis, clinical features, diagnostic evaluation, and treatment options of hypertensive cardiomyopathy. However, there are several major issues that need attention.**

We thank the reviewer for the encouraging comments. Our response to each comment is shown below. Thank you again for your insightful suggestions.

#### **1. Abstract – The abstract should be stated briefly and succinctly.**

The abstract was shortened drastically according to the reviewer's suggestions (from 330 words to 222 words).

#### **2. This manuscript is by far too long, it should be significantly shortened.**

We thank the reviewer for the insightful comments. However, other authors encouraged us by stating that our article in its present form is comprehensive and covers a large spectrum of epidemiological, pathological, diagnostic, and therapeutic aspects of hypertensive heart disease. Due to the nature of the review article, which should cover overview of clinical and basis research field in hypertensive cardiomyopathy, we could not drastically reduce the word count of the entire manuscript. In addition, when we receive an invitation to write this review article, we were instructed that "There are no restrictions on the number of authors, number of words, figures, tables and references." However, according to the reviewer's suggestions, we shortened the word count in the revised manuscript, and it reduced from 5076 to 3945 words. We would be grateful if the reviewer gives us this concession.

#### **3. In this review, the author just listed the data that has been reported, lacking analysis and critical discussion.**

We thank the reviewer for the insightful comments. Because this is a review article where we were invited to summarize broad-spectrum information about hypertensive cardiomyopathy, we tried to include/introduce wide-ranging, informative, and educational publications from the past and would like to provide comprehensive ideas about hypertensive cardiomyopathy to the subscribers. Rather than including our own ideas or opinions in this article, we instead summarized the present knowledge

in a contemplative manner.

When we were invited to write this review, we were instructed that the aim of the review article was to improve diagnostic, therapeutic, management, and preventive modalities and skills of clinicians and guide clinical practice in hypertension. Therefore, we did not perform our original analysis on this topic in this review article; instead, we added a summary and conclusion section to clarify our critical discussion statements in the revised manuscript.

**4. References—Ref. 53 and 54 are duplicate references, hence the duplicate Ref. 54 has been deleted and renumbering has been done. Please check and confirm the edit.**

We apologize for our careless error. In the revised manuscript, we correct the duplications in the reference list.

**5. The authors should check the entire manuscript for linguistic errors.**

We requested a company that specializes in English editing to edit and correct our manuscript. We have attached a document to the revised manuscript stating that our manuscript has been reviewed by native English speakers who are specialized in scientific manuscript preparation .

**Response to Comments from Reviewer 00152215**

**Very interesting and well written manuscript. Literature review is well cited and comprehensive. This contribution will certainly prove a useful reading for the readers of the WJH. I only have one minor comment: -the Authors may want to add a short mention to a recently proposed new classification of LV geometry in hypertensive patients which takes into account the presence of both left ventricular dilatation and concentricity (see Khouri MG, et al., Circ Cardiovasc Imaging 2010). This classification has been shown to add prognostic information (see Bang CN, et al., J Hypertens 2013).**

We sincerely thank the reviewer for the insightful and encouraging comments. The above manuscript was now cited as new reference #36 and 37 in the revised manuscript and the discussed. The following sentences were added in the revised manuscript;

*“Interestingly, Khouri et al. recently suggested that concentric or eccentric LVH can each be subclassified into 2 subgroups using cardiac magnetic resonance imaging. This yields four distinct geometric patterns: eccentric non-dilated, eccentric dilated, concentric non-dilated, and concentric dilated<sup>[34]</sup>. They found that dilated type LVH was more frequently associated with low ejection fraction and elevated troponin levels. Their findings were also supported by the investigation using echocardiography performed by Bang et al.<sup>[35]</sup>. This newly suggested re-classification of hypertensive patients with LVH into four groups according to the LV dilatation and increased concentricity may provide new insights into the hemodynamic and LV functional alteration in this population.”*

**Response to Comments from Reviewer 00608305**

**That is a very interesting, contemporary and extensive overview of clinical aspects of hypertensive cardiomyopathy. It is a well-structured and well written article presenting the large spectrum of epidemiological, pathological, diagnostics and therapeutical aspects of hypertensive heart disease. The overview includes well selected literature data and references from early 1980 with the majority from 2001 to 2009 and also some of the newest ones from 2014 and 2015. Presented tables are reproduced from original articles and are appropriately quoted. I hope that Authors received a written permission from the publishers to use those figures and photos in this very interesting article. Congratulations for your work.**

Thank you very much for the encouraging comments. We have requested permissions from the publishers to use the figures.