

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 14636-EDITED.docx).

Title: Exercise training in the management of patients with resistant hypertension

Author: Fernando Ribeiro, Rui Costa, José Mesquita-Bastos

Name of Journal: *World Journal of Cardiology*

ESPS Manuscript NO: 14636

The manuscript has been improved according to the suggestions of reviewers in order to improve its readability and pertinence to the potential readers.

Editor comment

Title page: Please offer the title for this author. Thank you!

Author's response

Done.

Editor comment

A conflict-of-interest statement is required for all article and study types.....

Author's response

A conflict-of-interest statement was added.

Editor comment

Please add PubMed citation numbers and DOI citation to the reference list and list all authors. Pleased provide PubMed citation numbers for the reference list, e.g. PMID and DOI, which can be found at <http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed> and <http://www.crossref.org/SimpleTextQuery/>, respectively. The numbers will be used in the E-version of this journal. Thanks very much for your co-operation.

Such as: 1 Nayak S, Rath S, Kar BR. Mucous membrane graft for cicatricial ectropion in lamellar ichthyosis: an approach revisited. *Ophthal Plast Reconstr Surg* 2011: e155-e156 [PMID: 21346670 DOI: 10.1097/IOP.0b013e3182082f4e]

Author's response

Done.

Responses to Reviewer #00070481

Reviewer comment

too little data was presented.

Author's response

We understand your comment; nonetheless it is also aim of this editorial to highlight the small number of studies in this area. In fact, few studies exist showing the impact of exercise training on the management of patients with resistance hypertension, but all of them are included in this review. The available evidence provides promising results and good perspectives for the future. Thus, the small amount of data available in this area is, in a way, an important take home message for clinicians and researchers. This could be the trigger to future studies enrolling a large number of patients.

Responses to Reviewer #00225292

Reviewer comment

Resubmission of Paper with Additions is to be done by comparing the works of Researchers published during the Years 2008-2014 in the proposed area, to get more Comparative understanding for additional contributions being made by the authors/author.

Author's response

Thank you for your comment. We added some references to our previous work on page 4.

Responses to Reviewer #00225347

Reviewer comment

There are some issues that deserve attention in this editorial.

1. The Authors should be aware and state that "resistant hypertension" is not e defined nosological entity but rather a provisional definition. For example, they should

mention the fall in BP in the placebo group in some recent trials including that with endothelin antagonist and the more recent Simplicity 3 Trial.

Author's response

A sentence regarding the results of Simplicity 3 Trial was inserted at the end of section "resistant hypertension" (page 4).

Reviewer comment

2. Moreover, many patients can have undetected primary aldosteronism (see Rossi et al JACC 2006; Douma et al Lancet 2008), a diagnosis that can be easily overlooked and might affect and/or dilute the results of studies looking at the effect of exercise. 3. Hence, these considerations mandate the need for properly designed studies on the effect of lifestyle measures in RH, an issue that is not addressed in this editorial.

Author's response

This topic is now addressed at the end of section "resistant hypertension" (page 4).

Reviewer comment

4. Finally, the risks of exercise in patients with poorly controlled BP values must be clearly defined.

Author's response

Thanks for your comment. Information regarding safety issues was introduced before the "Future Perspectives".

Reviewer comment

Additional points

1. A table or a figure comparing the type of exercise and the outcome on BP should be added.

Author's response

We did not add a table or a figure comparing the type of exercise and the outcome on BP, because it would replicate the information that is already provided in the text. If the number of studies were higher, we would be happy to introduce a table summarizing all of them. Since the studies are already described in the text, we believe that adding a table would duplicate the information without adding much.

Reviewer comment

2. There are some awkward sentences: for example: page 3 “ even some ...” please rephrase.

Author’s response

Done.

Reviewer comment

3. Abstract: the need for a diuretic in the cocktail should be mentioned for the definition of RH.

Author’s response

Thank you for your comment. This information was added.

Reviewer comment

4. Page 6 “ exercise training”. Please define how long for?

Author’s response

The requested information was added.

Reviewer comment

5. What are callisthenic exercises? Please explain.

Author’s response

Done.