Reviewer's report

Title: Hypertension Outcomes of Adrenalectomy in Patients with Primary Aldosteronism: a Systematic Review and Meta-analysis

Version: 0  Date: 25 Apr 2017

Reviewer: Muriel Mathonnet

Reviewer's report:

The manuscript entitled Hypertension outcomes of adrenalectomy in patients with primary aldosteronism: a systematic review and meta analysis is well written and pleasant to read. The authors selected 43 articles which 3 prospective studies only.

They use an original method to evaluate the hypertension cure rate after unilateral adrenalectomy in patients with a primary hyperaldosteronism. The results were compared in China and in others countries.

The hypertension cure rate was higher in China, at 6-month follow-up compared to follow-up exceeding 6 months, and after 2011.

The difference between the 2 periods, 2001-201 and 2011-2016 could be completed by:

- an analysis of the type of imaging method used for the diagnostic
- the use of catheterism for adrenal vein samplings

The results described in the manuscript have a real interest and can be published
**Are the methods appropriate and well described?**
If not, please specify what is required in your comments to the authors.

Yes

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

Yes

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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