Reviewer's report

Title: Major inducing factors of hypertensive complications and the interventions required to reduce their prevalence: an epidemiological study of hypertension in a rural population in China

Version: 3 Date: 15 March 2011

Reviewer: Carlos Rodriguez

Reviewer's report:

1. There is emphasis in the paper on 'early intervention in hypertension' but it is never defined what they mean.

2. The authors need to clarify what they mean by compound drugs versus multidrug therapy vs. combination therapy. These terms seem to be used interchangeably. This needs to be spelled out since the authors have made it an important part of their conclusion.

3. Although it seems intuitive, the authors do not state their conclusion clearly. Part of their conclusion, it seems, is that combination therapy with inexpensive agents such as the lisinopril/hctz combo would go a long way towards hypertension control in rural China since rural residents pay for a lot of the cost out of pocket.

4. On pg 16, the sentence 'the possibility did not be ruled out that organ damages...' is not correct English.

5. The authors do not state how adverse events were detected. Were events systematically assessed? By one reviewer? How were they trained? What medical records were used? If the detection of events was not systematic, this is a limitation that should be mentioned in the paper.

6. There is no word count provided but the paper seems very long.

pg 5 2nd paragraph 'Each participant was taken their BP at home.' This sentence needs to be reworded. Do the participants take their own BP or was it taken by trained technicians. If it's the latter then it needs to be stated clearly.

pg 6 top paragraph. Be consistent and use the phrase 'hypertensive patients' not 'hypertensive people'

heart damage categories on pg 6, it is not clear if these were exclusive categories or a composite.

pg 7 2nd pararagraph the phrase used should be 'hypertension outcomes' not 'outcomes of hypertension'

pg 17 final line of conclusion paragraph should be changed to 'compound products..... are needed.'
**Level of interest:** An article of importance in its field

**Quality of written English:** Needs some language corrections before being published

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I declare that I have no competing interests.