Reviewer's report

Title: Antihypertensive drug treatment changes in the general population. The CoLaus study

Version: 2 Date: 22 January 2014

Reviewer: Maria Thurston

Reviewer's report:

- Major Compulsory Revisions
  1. Abstract: Methods: Please include a brief description of the general plan for analysis.
  2. Methods: Paragraph 3: Regarding family history of first degree relative, change “uncles and aunts” to “parents and siblings”
  3. Results: Paragraph 7: Sentence 1: Table mistitled as “table 45” – number table appropriately.
  4. Overall, although some discussion of disease specific blood pressure goals was added based on comments from previous review, unsure if this classification was considered during the actual study. Also, given recent publication of JNC8 for hypertension management and the new goal of <140/90 for all patients (unless >/= 60 years) this may now not be as important of a point.

- Minor Essential Revisions
  1. Introduction: Paragraph 2: Sentence 2: Remove “a” from “a poor adherence.”
  2. Introduction: Paragraph 2: Change last word of the paragraph “dose” to “doses”
  3. Methods: Paragraph 7: Last sentence: Still unclear of the purpose of this sentence and what it is trying to convey. Where these trials cited using different classification systems? Recommend further elaboration.
  4. Discussion: Paragraph 8: Sentence 1: Remove “to” in the phrase “Unlike to”
  5. Discussion: Paragraph 10: Sentence 4: Remove “to” in the phrase “Unlike to”

- Discretionary Revisions

No further recommendations. Of note, not all previous recommendations incorporated, but changes made are acceptable.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable
Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests