Reviewer’s report

Title: Drug related problems in type 2 diabetes patients with hypertension

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Reviewer: Leila B. Moreira

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The study describes the frequency of drug related problems in patients with type 2 diabetes and hypertension. There was 1.9 ±1.2 DRPs according to the Pharmaceutical Care Network Europe classification. The most common DRPs were insufficient awareness of health and diseases, drug choice problem, dosing problem and drug interaction.

The study is relevant but the generality is limited. Patients included in the study are of high cardiovascular risk and have severe disease according to the characteristics of the sample, which limits the generality of results to that group of diabetic patients and similar pattern of prescription.

Minor Essential Revisions

1. The text should be revised to correct some mistakes like:
   Pg. 2 - DPRs must be replaced by DRPs.
   Pg.4 – Data collection: … presence of comorbidities, concurrent medications, laboratory results and concurrent medications were also collected.
   Pg. 14 10th line: previders replace by providers
   28th line: exclude “were” (…domains were are concerned…)

2. The study design is not clear. Is it a cross-sectional study or only incident DRPs were considered?

3. Based in which parameters was the sample size calculated?

4. The retrospective nature of the study is recognized as a study limitation in the discussion. But another limitation must be added: the number of studied patients (200) in face of the 535 potentially eligible patients (less than 50%).

Discretionary Revisions

5. I suggest the exclusion of “Aims” since it is included in objectives.

6. Only the exclusion criteria #3 and # 5 need to be stated since the others are consequence of the inclusion criteria.

7. Why the number of antidiabetic and antihypertensive drugs was counted in a different way (number of classes)?
Level of interest: An article of importance in its field

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

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.