Reviewer’s report

Title: Impact of a change of bronchodilator medications in a hospital drug formulary on intra- and out-of-hospital drug prescriptions: interrupted time series design with comparison group.

Version: 1 Date: 28 Feb 2020

Reviewer: Andrea Berghold

Reviewer's report:

The authors study the impact of a change of bronchodilator medications in a hospital drug formulary on intra- and out-of-hospital drug prescriptions. They use an interrupted time series design with a comparison group.

The topic is of interest.

I have some remarks:
* The authors should include a table where they show some characteristics of the patients analyzed in order to see if the two groups are comparable.
* The results should only be presented to one decimal place - see Abstract and Results (e.g. 173.2% rise (95%CI: 47.3%-299.0%). In table 1 the coefficients (and CI) should also just be presented by at most 3 decimal places to improve the readability.
* The English language should be improved and also some typos: E.g. instead of "their prices with pharmaceutical laboratories" one should write "their prices with pharmaceutical companies" ; e.g. Table 1: instead of expenditure - expenditure

I do not understand the following sentence: For statistical analysis purposes, we interrupted time series (ITS) analysis and constructed a segmented regression used an model with control group

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

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

Needs some language corrections before being published

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