

Review of: "A Systematic Review of Antibiotic Use in Humans in Nigeria and Its Potential Contribution to Rising Antimicrobial Resistance"

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Potential competing interests: No potential competing interests to declare.

Re: A Systematic Review of Antibiotic Use in Humans in Nigeria and Its Potential Contribution to Rising Antimicrobial Resistance

Abstract: This is structured, precise, and captures important information.

Introduction: This is well-written.

Methods:

1. See the statement, "Articles that were not published in Nigeria were excluded ab initio."

Was the selection based on the country where the studies were carried out or where they were published?

2. See the statement, "Following our search, 849 articles were identified (Figure 2)."

Figure 2 actually shows 850. The authors should reconcile these figures.

Results:

1. The authors should also state the pooled prevalence of antibiotic use generally and use without prescription to increase generalizability.
2. In the second paragraph, "... the percentage of antibiotics prescribed per patient encounter."

The authors should be clear what this terminology means.

There is "number of antibiotics prescribed per patient encounter," as well as "percentage of patient encounters with antibiotics prescribed," i.e., percentage of encounters in which an antibiotic was prescribed.

You may see this for guidance:

Ofori-Asenso R. A closer look at the World Health Organization's prescribing indicators. *J Pharmacol Pharmacother*. 2016 Jan-Mar;7(1):51-4. doi: 10.4103/0976-500X.179352. PMID: 27127400; PMCID: PMC4831494.

3. The review noted eight articles which reported the commonly used/prescribed antibiotics.

The pooled prevalence of use of these antibiotics should also be stated for an overall picture of the use of each of these agents.

4. Table 1 - The studies included in the review should be referenced with the appropriate number in this table. All citations should be in the reference list.

Discussion: This section discusses the key findings appropriately.