

Review of: "The Global Impact on Health of Dental Infections and Antibiotic Resistance:A mini Reveiw"

Bahauddeen M. Alrfaei¹

¹ King Abdullah International Medical Research Center

Potential competing interests: No potential competing interests to declare.

This is a mini-review demonstrating the importance of dental infection epidemiology. The article discusses antibiotic misuse and prevention. In addition, the article gives examples of common dental infections, which include aerobic and anaerobic bacteria. The manuscript has merit but requires major revision.

Problems with the manuscript:

- Abstract needs to be more specific and highlight the most interesting information of the paper.
- Statistics and details are needed in the abstract.
- Abstract has "Materials and Methods," but the body has no "Materials and Methods" section.
- More information about gaps in science is needed, such as resistance to beta lactams.
- Authors should expand on "Association of resistance to tetracyclines with penicillin and erythromycin resistance."
- Authors claimed to use certain key words but did not explain how they analyzed the articles. Did they read them all? Did they exclude any articles? I did a search on Google Scholar and found 2,600 articles using the same key words. How did the authors narrow it down?
- The article needs a conclusion section.
- Mini-reviews mostly focus on the latest updates from recent publications. Thus, references should be recent, which means most references should be no more than 5 years old.

Minors:

- I suggest authors make a systematic review using PRISMA guidelines rather than a literature review.
- English choices need improvement.

I recommend major revision.