

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

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Potential competing interests: No potential competing interests to declare.

The abstract starts with information on dental abscesses; however, the paper addresses antibiotic resistance and dental infections in general. I suggest a shorter introduction and more information on dental infections than abscesses.

The conclusion is vague.

In general, the article addresses the importance of correct antibiotic use/prescription and its association to antibiotic resistance. It highlights the prevalence of caries and periodontitis globally and their influence on quality of life. However, antibiotics are not the first-line treatment for these conditions/diseases; they are prescribed when caries evolve to pulpal necrosis and abscess, or when periodontitis evolves to a periodontal abscess. This is not mentioned at a single point in the text, so the information on caries and perio turns out to be irrelevant.

The authors also do not address the prophylactic prescription of antibiotics after dental surgery, which is very common. Is it necessary? Does it contribute to resistance?

There is no conclusion in the text.

I suggest the authors define the aim of the study and focus on answering this question specifically. Enrich the review with data on the prevalence of antibiotic resistance, and write a conclusion.