

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

O. A. Nazarchuk¹

¹ National Pirogov Memorial Medical University

Potential competing interests: No potential competing interests to declare.

The manuscript "The Global Impact on Health of Dental Infections and Antibiotic Resistance: A mini Review" is relevant because antimicrobial resistance has become a global threat challenging the effective management of patients with infectious processes, and dental practice is not an exception. This mini-review is written accurately and is easy to read, presenting interesting aspects about some etiological pathogens of dental infections. The authors mentioned some dominating microbial agents responsible for the initiation of infection in the oral cavity and also demonstrated some examples of their resistance to certain antibiotics like b-lactam ones and tetracycline.

But to optimize this work further:

- we recommend mentioning in the abstract some exact data about which antibiotics are widely used nowadays for antimicrobial therapy in the case of dental infections.

In the review, several examples of antibiotic resistance of some pathogens to several types of antibiotics are presented. However, no characteristics of mechanisms of antibiotic resistance were mentioned in the review. To make the article better, we suppose it would be good to present some important mechanisms of antibiotic resistance of pathogens of dental infections.

This review ends without any conclusion, which is recommended to summarize the main idea of the review and the practical role that dental infections and antibiotic resistance have.