Reviewer’s report

Title: Barriers to Sealant Guideline Implementation within a Multi-Site Managed Care Dental Practice

Version: 0 Date: 25 May 2017

Reviewer: Shiqian Gao

Reviewer's report:

This is a descriptive study to identify barriers perceived by dentists in a large, multi-site dental practice to implementing ADA’s recommendation for sealing noncavitated occlusal lesions as established in their 2016 pit-and-fissure sealant clinical practice guideline. There two major concerns of this study.

First of all, 110 general and pediatric dentists were invited and 62% responded. The sample is not homogeneous (included general and pediatric dentists), not representative (they are all coming from one commercial dental practice), and not enough (when considering the response rate, only 60+ subjects were included).

Secondly, the authors should use a qualitative study to IDENTIFY the barriers. Quantitative study can only tell how severe the barriers are.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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