

Review: methodological limitations for OSCC biomarkers

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(HealthDay)—Methodological concerns have limited the analysis of

saliva-based biomarkers for oral squamous cell carcinoma (OSCC), according to a review published online Nov. 29 in *Head and Neck*.

Vitor T. Stuani, D.D.S., from the University of São Paulo in Brazil, and colleagues conducted a [systematic review](#) of 28 studies that established a comparison between the levels of saliva-based markers found in patients with OSCC versus and the levels found in cancer-free individuals.

The researchers found that only 12 studies showed some caution with oral conditions before collection of samples. The studies assessed a wide range of potential markers; the comparison was limited because each marker was hardly explored by more than one article.

"Although the articles included in this [review](#) bring important contributions to the scientific field, there is no set of reliable information to place any of the salivary markers evaluated as a sentinel for diagnosis of OSCC," the authors write

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