Association between the use of smokeless tobacco and cancer of Gingivobuccal Sulcus

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INTRODUCTION

• Oral cancer ranks among the 3 leading types of cancer in the Indian subcontinent

![Image](https://via.placeholder.com/150)

Figure 1: Oral cancer incidence in India 2018

• The problem is fairly unique to the Indian subcontinent owing to the fact that in India people have a habit of consuming tobacco and other nicotine products in smokeless form, and they keep it in their mouth during the day and overnight

• This study aimed at evaluating the association between Smokeless forms of tobacco with cancer of GBS as compared to smoking.

METHODOLOGY

• The retrospective observational study, involving 249 patients from 2009-2016, assessed the comparative association between Smokeless and Smoking tobacco with cancer of GBS.

• Demographic and clinical data including sites of cancer were collected and the lesions were staged as per 8th AJCC staging.

RESULTS

![Image](https://via.placeholder.com/150)

Anatomical Distribution

Prevalent forms of tobacco (p<0.05)

Higher stages distribution (p<0.05)

CONCLUSIONS

A strong association was observed between smokeless tobacco and gingivobuccal sulcus cancer