

The impact of smoking on the occurrence of tooth decay

Autor(res)

Vivian Louise Soares De Oliveira
Ivom De Siqueira Gomes Junior
Lavinia Francisca Dos Santos
Larissa Karoline Reis Silva

Categoria do Trabalho

Trabalho Acadêmico

Instituição

CENTRO UNIVERSITÁRIO ANHANGUERA

Resumo

Tooth decay is the most dominant oral disease in the world. Several factors are studied in its development, the practice of smoking is considered to cause oral diseases. In the scientific study scenario, it is highlighted that nicotine is one of the main addictive ingredients found in cigarettes.
This work was a study on the effects of smoking on tooth decay where information was obtained from the Google Scholar and PubMed databases from 8 scientific articles in Portuguese and English with publication dates between 2020 and 2022.
The results showed that smokers have a higher risk of developing tooth decay compared to non-smokers. Nicotine contains around 4,700 toxic substances and is identified as the tobacco component responsible for increasing bacterial proliferation within the biofilm, causing a decrease in mediator receptors in our body. Tobacco has the effect of attacking mucosal cells and reducing our body's healing and defense capacity, which can leave the pH present in saliva low, thus increasing the action of aggressive agents such as bacteria and fungi.
The scientific community has shown that nicotine is one of the risk factors for the development of caries disease.

I Seminário de Pensamento Científico na Odontologia

8 de novembro de 2023

9h às 12h

FACULDADE ANHANGUERA BETIM