

Republic of Yemen
University of Science and Technology
Deanship of Postgraduate Studies and Scientific Research



**Prevalence of Temporomandibular Joint Disorders
among Dental Students at University of Science and
Technology, Sana'a, Yemen**

A Thesis Submitted by
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To

**The Council of Postgraduate Studies and Scientific Research,
in Partial Fulfillment of the Requirements for the Master Degree of
Dental Sciences in Oral Surgery and Dental Implantology**

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2019AD

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“Prevalence of Temporomandibular Joint Disorders among Dental Students at University of Science and Technology, Sana'a, Yemen”

Abstract

Background: The term TMDs refers to a group of disorders affecting in the temporomandibular joint and associated structures.

Aim of the study: The aim of this study was designed to evaluate prevalence of temporomandibular joint disorders among dental students at University of Science and Technology, Sana'a, Yemen.

Methods: The sample size included (267) of dental students in UST aged between (18-25 years). They were randomly selected for the present study. The study was based on Fonseca's anamnestic index and its questionnaire, which was composed of 10 questions and classifies the severity of TMDs and examination sheet which composed of demographic data and clinical examination. The obtained data were coded and entered into Statistical Package for the Social Sciences (SPSS) program for analysis using chi-square test .

Results: 52.1%, of students showed no TMD, 37.5% with mild TMD, 9.7% with moderate TMD, and 0.7% with severe TMDs. The females were more affected than male so there was significant association between the gender and TMDs. The headache and were the most prominent symptoms among the affected students.

Conclusion:

- The prevalence was most common with mild, then less common with moderate and rarely with severe.
- females > male with TMD.
- No association between qat chewing and the level of study.
- stress was common among students.

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