

Review of: "Tobacco Use and Perceived Stress Among Male College Students in Bangalore, India"

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Potential competing interests: No potential competing interests to declare.

Abstract:

The abstract clearly summarizes the key aspects of the study including background, methods, results and conclusion.

Improvement: None needed

Introduction:

The introduction provides a comprehensive overview of the relevant literature on tobacco use, stress and addiction among adolescents. It establishes the rationale and context for the study well.

A few additional key studies could be cited to further strengthen some points around factors influencing initiation and progression of tobacco use.

Methods:

The sampling methodology and sample size are adequate for this exploratory study. Further details on how participants were recruited could be provided.

Reliability and validity information on the scales used could be mentioned.

Some additional demographic details of the sample may provide useful context for interpreting the results.

Results:

The results are clearly presented with appropriate statistical analysis. No changes needed.

Discussion:

The discussion comprehensively interprets the results and compares with previous literature.

Some limitations of the study like its cross-sectional design and use of self-report measures could be acknowledged.

Broader implications and directions for future longitudinal research would further enrich the discussion.

Implications:

The implications highlighted are appropriate given the study findings and public health significance of the issue.

Conclusion:

The conclusion succinctly summarizes the main findings and their implications. It could be strengthened by mentioning specific next steps or recommendations for policy and practice.

Overall

The manuscript is clearly written and reports an important study. A few minor additions are suggested mainly to further situate the work in the literature and acknowledge limitations to improve rigor. The findings offer valuable insights for tobacco control efforts.

Research Questions

Based on the information provided in the manuscript, it appears that the two research questions posed have been adequately answered:

- Is there any difference in psychological stress experienced between groups of tobacco/cigarette users and non-tobacco users?

This question was tested statistically using ANOVA and t-tests to compare perceived stress scores between smokers and nonsmokers groups.

The results showed there was no significant difference in perceived stress levels between smokers and nonsmokers.

- Is there any relationship between psychological stress and level of tobacco/nicotine dependency or addiction?

To address this question, smokers completed the nicotine dependence scale (AUTOS) in addition to the perceived stress scale.

Correlational analyses showed a significant positive relationship between perceived stress scores and levels of nicotine dependence, withdrawal symptoms, and cue-induced cravings.

So, in summary, the statistical analyses performed and reported in the results section provide answers to both research questions posed - showing no group differences but a relationship between stress and dependence among smokers.

The methodology and analyses seem appropriately designed to test the research aims. The discussion then further interprets and contextualizes the findings with existing literature.

Therefore, based on the information presented, it can be concluded that the two key research questions guiding this study have been adequately addressed through the methods and analyses reported in the results section. No additional questions remain unanswered.

