

# Response to Reviewer 1 Comments

## General Comments:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

## Specific Comments to Authors:

**Point 1:** This article outlines substance use prevention interventions for adolescents in educational environments and their implementation effects. Similar type of study published in The Journal of Adolescent Health J Adolesc Health. 2016 Oct; 59(4 Suppl): S61–S75.doi: 10.1016/j.jadohealth.2016.06.021 PMID: 27664597 Interventions for Adolescent Substance Abuse: An Overview of Systematic Review. Please go through it and discussed in your manuscript how this study is different from the previous one.

**Response 1:** Thank you very much for your kind reminder. In fact, when we were writing this review, we had already carefully read and studied the literature you mentioned. However, since the aforementioned paper was published in 2016, almost 7 years ago, there has been a major change in the external environment with the COVID-19 pandemic starting in 2020. Considering the importance of this topic, it is necessary to update the review.

We have added the following content to the manuscript:

*“Recent research has focused on the importance of schools in addressing adolescent substance use problems and exploring effective intervention measures from different perspectives. For example, intervention models have been constructed based on cultural backgrounds and family relationships, Botvin Life Skills Training has been used to train students in the school environment, and psychological training has been implemented to prevent substance use problems among adolescents. These measures aim to improve adolescent tobacco use problems[44,45,46].*

*The existing literature has proposed various intervention measures based on the seriousness of adolescent substance use problems. However, the vast majority of research only discusses school-based intervention as one of many intervention measures[47], and few studies have directly investigated preventive intervention measures for adolescent substance use from the perspective of the educational environment. Considering the changes in adolescent substance use problems before and after the pandemic, this paper, based on a comprehensive review of existing literature in this field, focuses on research results from the past seven years and further explores preventive intervention measures for adolescent substance use in the educational environment.”*

### *References:*

44. Moreno O, Avila M, Garcia-Rodriguez I, Romo S, Rodriguez J, Matos C, Fuentes LS, Hernandez C, Ramos MS, Muñoz G, Gutierrez D, Bravo AJ, Corona R. Culturally enhancing a group-based motivational interviewing substance use prevention program for Latine youth. *Contemp Clin Trials Commun* 2022;30:100991. [PMID: 36159000 DOI: 10.1016/j.conctc.2022.100991]
45. Steeger CM, Combs KM, Buckley PR, Brooks-Russell A, Lain MA, Drewelow K, Denker HK, Zaugg S, Hill KG. Substance use prevention during adolescence: Study protocol for a large-scale cluster randomized trial of Botvin High School LifeSkills Training. *Contemp Clin Trials* 2023;125:107049. [PMID: 36521631 DOI: 10.1016/j.cct.2022.107049]
46. Khazaee R, Manshaee G, Atashpoor H, Golparvar M, Ph.D. Student in Educational Psychology, Department of Psychology, Islamic Azad University, Isfahan Branch (Khorasgan), Isfahan, Iran., Associate Professor, Department of Psychology, Islamic Azad University, Isfahan Branch (Khorasgan), Isfahan, Iran, Associate Professor, Department of Psychology, Islamic Azad University, Isfahan Branch (Khorasgan), Isfahan, Iran, Associate Professor, Department of Psychology, Islamic Azad University, Isfahan Branch (Khorasgan), Isfahan, Iran. Comparison of the Effectiveness of the Psychological Training Package of Substance Use Prevention and Cognitive-Behavioral Therapy on the Attitude toward Substance Use in Students Prone to Substance Use. *etiadpajohi* 2022;16:49-74. [DOI: 10.52547/etiadpajohi.16.65.49]
47. Das JK, Salam RA, Arshad A, Finkelstein Y, Bhutta ZA. Interventions for Adolescent Substance Abuse: An Overview of Systematic Reviews. *J Adolesc Health* 2016;59:S61-75. [PMID: 27664597 DOI: 10.1016/j.jadohealth.2016.06.021]

# Response to Reviewer 2 Comments

General Comments:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors:

**Point 1:** Dear author, Nicely presented the topic. This topic have very relevance among teanages in the world. I am congratulating for making this effort.

**Response 1:** Thank you for your comments. We have made revisions in accordance with the questions raised by all of the reviewers and checked the format and language according to the requirements of the journal. All revisions have strived to meet the publication standards of the journal.

# Response to Reviewer 3 Comments

General Comments:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Major revision

Specific Comments to Authors:

**Point 1:** The paper has merit from a general standpoint because it is a comprehensive review. However, I am not qualified to evaluate the specialized aspects of it. Therefore, please send it to a reviewer specialized in drug abuse and its remedies. Although the English language has been corrected, it is still difficult to follow at many points. Please update the search and references to May 2023. In the introduction, elaborate on the novelty of this review.

**Response 1:** Thank you for your helpful advice. We used the Premium Translation service offered by American Journal Experts (AJE) to modify the revised version of the paper to ensure that all grammatical, syntactical, formatting and other related errors are resolved so that the revised manuscript will meet the publication requirements (Grade A). AJE is the professional English language editing company that Baishideng Publishing Group Inc. recommends. At the same time, we updated the literature to May 2023 and added the following content:

*"Recent research has focused on the importance of schools in addressing adolescent substance use problems and exploring effective intervention measures from different perspectives. For example, intervention models have been constructed based on cultural backgrounds and family relationships, Botvin Life Skills Training has been used to train students in the school environment, and psychological training has been implemented to prevent substance use problems among adolescents. These measures aim to improve adolescent tobacco use problems[44,45,46].*

*The existing literature has proposed various intervention measures based on the seriousness of adolescent substance use problems. However, the vast majority of research only discusses school-based intervention as one of many intervention measures[47], and few studies have directly investigated preventive intervention measures for adolescent substance use from the perspective of the educational environment. Considering the changes in adolescent substance use problems before and after the pandemic, this paper, based on a comprehensive review of existing literature in this field, focuses on research results from the past seven years and further explores preventive intervention measures for adolescent substance use in the educational environment."*

### *References:*

44. Moreno O, Avila M, Garcia-Rodriguez I, Romo S, Rodriguez J, Matos C, Fuentes LS, Hernandez C, Ramos MS, Muñoz G, Gutierrez D, Bravo AJ, Corona R. Culturally enhancing a group-based motivational interviewing substance use prevention program for Latine youth. *Contemp Clin Trials Commun* 2022;30:100991. [PMID: 36159000 DOI: 10.1016/j.conctc.2022.100991]
45. Steeger CM, Combs KM, Buckley PR, Brooks-Russell A, Lain MA, Drewelow K, Denker HK, Zaugg S, Hill KG. Substance use prevention during adolescence: Study protocol for a large-scale cluster randomized trial of Botvin High School LifeSkills Training. *Contemp Clin Trials* 2023;125:107049. [PMID: 36521631 DOI: 10.1016/j.cct.2022.107049]
46. Khazaee R, Manshaee G, Atashpoor H, Golparvar M, Ph.D. Student in Educational Psychology, Department of Psychology, Islamic Azad University, Isfahan Branch (Khorasgan), Isfahan, Iran., Associate Professor, Department of Psychology, Islamic Azad University, Isfahan Branch (Khorasgan), Isfahan, Iran, Associate Professor, Department of Psychology, Islamic Azad University, Isfahan Branch (Khorasgan), Isfahan, Iran, Associate Professor, Department of Psychology, Islamic Azad University, Isfahan Branch (Khorasgan), Isfahan, Iran. Comparison of the Effectiveness of the Psychological Training Package of Substance Use Prevention and Cognitive-Behavioral Therapy on the Attitude toward Substance Use in Students Prone to Substance Use. *etiadpajohi* 2022;16:49-74. [DOI: 10.52547/etiadpajohi.16.65.49]
47. Das JK, Salam RA, Arshad A, Finkelstein Y, Bhutta ZA. Interventions for Adolescent Substance Abuse: An Overview of Systematic Reviews. *J Adolesc Health* 2016;59:S61-75. [PMID: 27664597 DOI: 10.1016/j.jadohealth.2016.06.021]



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**Delivering substance use prevention interventions for adolescents in educational settings: A scoping review**

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