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OPEN PEER REVIEW

Effect of Dental Treatment on the Body Mass Index of Children Aged 3 - 6 Years Diagnosed with Early Childhood Caries: A Longitudinal Case-Control Study

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About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

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1 Original submission

1 comment · 10 Aug 2021

Fateme Arbabi Kalati Reviewer

MINOR REVISION 10 Aug 2021

The reason for not providing treatment in the second group should be mentioned. Was it because of the parents' reluctance to seek treatment or financial problems?
According to Table 2, there is no significant difference between pre-treatment and post-treatment BMI, but the difference between the two BMIs is significant. It is recommended that the reviewer review the article's statistics.

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Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Manuscript: Effect of dental treatment on the body mass index of children aged 3-6 years diagnosed with early childhood caries: A longitudinal case-control study

Dear Editor of Iranian Journal of Pediatrics

Thank you so much for letting our manuscript to go under such constructive reviews. We also appreciate the valuable time of our reviewers and their detailed comments.

The manuscript is now fully revised according to our reviewers' comments.

Please find responses to the comments as follow:

Reviewers' 1 comments:

In the Study population section Several factors including nutrition type, junk foods, oral hygiene of children in this study were ignored.in this section please add some information about selection of children and preschool centers .

Thank you, Several factors including nutrition type, junk foods, oral hygiene of children mentioned as limitation. (Page 10, lines 184-186).

Information about selection of children and preschool centers add the section of method, (page 5, lines 72-76)

There are some related previous studies about ECC and BMI which were done in Iran. It is suggested that the authors cite Iranian studies to the Introduction section (in the sentences of "some revealed no significant relationship between BMI and caries in deciduous teeth"). For example, please cite this article (Relationship between Sever Early Childhood Caries and BMI in 2-4-Year-Old Children in Tehran Kindergartens).

Thank you, Iranian studies to the Introduction section cited (Page 11, references of No. 1, 3, 5 and 9). Also reference of (Relationship between Sever Early Childhood Caries and BMI in 2-4-Year-Old Children in Tehran Kindergartens). Add the section of method (page 6. Line 93, reference No. 15).

Reviewer 2:

The reason for not treating should be mentioned in the second group. Was it because of the parents' reluctant to seek treatment or financial problems?

Thank you, possible reasons why other children in group II have not been treated include: Parental neglect, financial problems and lack of insurance coverage for dental services(page 6,lines:101,102)

According to Table 2, where there is no significant difference between pre-treatment and post-treatment BMI, but the difference between the two BMIs is significant, it is recommended that the reviewer review the article statistics.

Thank you. Recheck and the numbers were correct. In the first group (treated children), BMI changes were significant.in the second group (untreated children), BMI changes were not significant .in third

group (caries free children), BMI changes were not significant and finally BMI changes which were the main purpose of the study, have also became significant, which is due to the changes in group I.

2 Revision 1

0 comments

No public comments in this round.