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OPEN PEER REVIEW

Elevated Serum Syndecan-1 Levels Are Associated with Obesity-Related Complications in Children

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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 · 9 Jul 2024

Referee 1 Reviewer

ACCEPT 9 Jul 2024

First of all, I would like to congratulate the esteemed authors for their efforts in this study.
Although the number of cases in this article is low, it will contribute to the literature as it is a pioneering study. It is a well-written and well-designed work. It is appropriate to publish.

Best regards

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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.

Replay to reviwer

Reviwer 2

Dear reviewer,

Thank you very much for your valuable comments, suggestions and contributions.
The article has been revised according to your suggestions.

Corrections are highlighted in yellow within the article.

Question:
•Suggested Title:

Reply:
The title of the article has been changed to "Elevated Serum Syndecan-1 Levels are Associated with Obesity-Related Complications in Children" as you suggested.

Question:

Abstract:
• Provide more details on the specific complications of obesity that were assessed (e.g. liver, kidney, cardiovascular)

Reply:

The abstract stated that the association of syndecan 1 with renal and cardiovascular complications of obesity was evaluated.

Question:

• Quantify the difference in syndecan-1 levels between obese and control groups

Reply:

A comparison of serum syndecan-1 levels in obese and healthy children was added to the aim section of the abstract.

Question:

• Clarify the strength of the reported correlations between syndecan-1 and other parameters

Reply:

Parameters that did not have a significant linear correlation with syndecan 1 were also included in the results section of the abstract.

Question:

• Potential limitations include lack of data on body composition (e.g. % body fat) and detailed clinical evaluation of obesity-related complications.

Reply:

Limitations of the study include the absence of body composition and lack of data on detailed clinical assessment of obesity-related complications.

Results:

Question:

• It would be helpful to include effect sizes or standardized coefficients to quantify the strength of the observed associations.

Reply:

Linear regression analysis was performed between syndecan 1 and parameters found to be statistically significant. Standardized coefficients were added to table 5.

Question:

•References are not enough up to date. There have been just 3-4 articles during the last 5 years.

Reply:

Six of the references have been updated.

2 Revision 1

1 comment · 26 Aug 2024

Huseyin Dag Reviewer

ACCEPT 26 Aug 2024

This article is well written and structured and is suitable for publication. I congratulate the valuable authors for their contributions to this article and scientific publication.