

Accepted Manuscript

Exploring the effect of parental influence on children's physical activity: The mediating role of children's perceptions of parental support

Piotr Wilk, Andrew F. Clark, Alana Maltby, Patricia Tucker, Jason A. Gilliland



PII: S0091-7435(17)30368-7
DOI: doi:[10.1016/j.ypmed.2017.10.018](https://doi.org/10.1016/j.ypmed.2017.10.018)
Reference: YPMED 5188
To appear in: *Preventive Medicine*
Received date: 30 March 2017
Revised date: 25 September 2017
Accepted date: 6 October 2017

Please cite this article as: Piotr Wilk, Andrew F. Clark, Alana Maltby, Patricia Tucker, Jason A. Gilliland , Exploring the effect of parental influence on children's physical activity: The mediating role of children's perceptions of parental support. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ypmed(2017), doi:[10.1016/j.ypmed.2017.10.018](https://doi.org/10.1016/j.ypmed.2017.10.018)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Exploring the effect of parental influence on children's physical activity: The mediating role of children's perceptions of parental support

Abstract

The purpose of this study was to test a conceptual model linking parental support and parental physical activity (PA), with children's perception of parental support and children's PA. Baseline data were drawn from the Grade 5 ACT-i-Pass community-based PA intervention conducted in London, Ontario between May and October 2014. Parent and child PA were measured using the International Physical Activity Questionnaire and Physical Activity Questionnaire for Children, respectively. Questions pertaining to parental support and children's perception of that parental support were obtained via questionnaires. We employed structural equation modeling techniques to test the conceptual model. In total, 467 boys and 469 girls were included in the study. The model provided an acceptable model fit. Child's perception of parental support for PA had a positive effect on boys' ($b=0.319$) and girls' ($b=0.326$) PA. Parental PA was not significantly related to child's perception of parental support for PA. However, parent reported support for PA had a significant, positive effect on child's perception of parental support for boys ($b=0.352$) and girls ($b=0.584$). In terms of the indirect effects, the effect of parental PA on child's PA was not statistically significant; however, as expected, parental support for PA had a statistically significant indirect effect on child PA level in both groups. The findings of this study demonstrate the importance of children's perceptions of parental support in relation to their PA behaviours. Developing a better understanding of factors related to children's PA and identifying determinants and mediators of activity behaviours will help inform PA interventions.

Abstract Word Count: 250

Main Text Word Count: 3,893 (including in-text citations)

Keywords: Physical activity; child; parental influence; structural equation modeling

Abbreviations¹

¹ Abbreviations: PA=physical activity; G5AP=Grade 5 ACT-i-Pass; PAQ-C=Physical Activity Questionnaire for Children; IPAQ=International Physical Activity Questionnaire; SEM= structural equation modeling; DA= census dissemination areas

Download English Version:

<https://daneshyari.com/en/article/8693688>

Download Persian Version:

<https://daneshyari.com/article/8693688>

[Daneshyari.com](https://daneshyari.com)