



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Pediatrics
Manuscript NO: 35948
Title: Abdominal obesity adversely affects bone mass in children
Reviewer’s code: 00503255
Reviewer’s country: Japan
Science editor: Fang-Fang Ji
Date sent for review: 2017-09-17
Date reviewed: 2017-09-19
Review time: 1 Day

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

To determine the effect of childhood obesity and insulin resistance on bone health, the authors evaluated blood glucose, insulin, and lipid levels, body composition and bone mineral density, and calculated HOMA-IR, showed that percent trunk fat was inversely associated with whole body BMC, whereas HOMA-IR was associated positively with whole body BMC and concluded that abdominal adiposity may have an adverse effect on whole body bone parameters and that this effect is not mediated by insulin resistance.

1. The paper is well-written and has interesting findings. However, as the authors describes in the text, a sample size is very small. 2. page 2, line 7: The author described here that they examined blood “C-reactive protein” of the participants. However, this did not include in the main text. 3. page 7 line 26-27: The authors stated that “higher HOMA IR value in our study would primarily be driven by higher insulin levels” Does it mean that higher whole body BMC is associated with higher blood insulin levels? If so,



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

was a direct correlation between blood insulin levels and whole body BMC in this study?



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Pleasanton, CA 94588, USA
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Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Pediatrics
Manuscript NO: 35948
Title: Abdominal obesity adversely affects bone mass in children
Reviewer’s code: 00199807
Reviewer’s country: Turkey
Science editor: Fang-Fang Ji
Date sent for review: 2017-09-17
Date reviewed: 2017-09-21
Review time: 3 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Dear Editor, I reviewed the manuscript titled “Abdominal obesity adversely affects bone mass in children”. I think this study can be accepted after these revisions: Comments: 1. Some grammatical errors should be corrected. Example: Results, line 5: “Tables 1” 2. C-reactive protein results are absent.



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Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Pediatrics
Manuscript NO: 35948
Title: Abdominal obesity adversely affects bone mass in children
Reviewer's code: 00158184
Reviewer's country: Turkey
Science editor: Fang-Fang Ji
Date sent for review: 2017-09-17
Date reviewed: 2017-09-21
Review time: 4 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

language is fluent



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Pediatrics
Manuscript NO: 35948
Title: Abdominal obesity adversely affects bone mass in children
Reviewer’s code: 00742209
Reviewer’s country: United States
Science editor: Fang-Fang Ji
Date sent for review: 2017-09-17
Date reviewed: 2017-09-28
Review time: 11 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
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		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The information about HOMA-IR and apolipoprotein C-III is interesting, and it can be reviewed further in the manuscript. For example, the findings for apolipoprotein C-III, body composition, and BMD Z-scores in this study indicate the load on the bone is greater for the obese group than the non-obese group. This increase in load on the bones explains the higher fracture rate in obese children than non-obese children. This explanation can be further clarified in the discussion. Methods: Please include the years when these children were recruited for this study Results: Table 2. Please state the covariates included in the regression model