



PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes
Manuscript NO: 48098
Title: Bone health in diabetes and prediabetes
Reviewer’s code: 02951258
Reviewer’s country: Ukraine
Science editor: Fang-Fang Ji (Quit in 2019)
Reviewer accepted review: 2019-04-09 15:22
Reviewer performed review: 2019-04-14 19:47
Review time: 5 Days and 4 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer’s expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript submitted by Silvia Costantini, Caterina Conte is an interesting and well written review about bone health and the mechanisms responsible for increased susceptibility to fracture across the spectrum of glycaemic status, spanning from insulin resistance to overt forms of diabetes. The textual content and the citations



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presented in this article are written accordingly. The latest important references were cited accordingly and the language in article clearly and concisely express the information. The review can be published in WJD.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication
- Plagiarism
- No

BPG Search:

- The same title
- Duplicate publication
- Plagiarism
- No



PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes
Manuscript NO: 48098
Title: Bone health in diabetes and prediabetes
Reviewer's code: 03490863
Reviewer's country: Russia
Science editor: Fang-Fang Ji (Quit in 2019)
Reviewer accepted review: 2019-04-08 11:52
Reviewer performed review: 2019-04-15 16:35
Review time: 7 Days and 4 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript is devoted to the actual clinical problem of osteoporosis and fractures in patients with diabetes and prediabetes. In general, authors comprehensively review the clinical and pathophysiological aspects of the topic. The manuscript is written clearly. It will undoubtedly be interesting to the audience of the journal. Unfortunately, the



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authors failed to avoid some unfounded allegations. Besides, some clinically important aspects of the problem are omitted. To improve the quality of the article, I recommend some major revisions. 1. The authors indicate that fracture risk appears to be greater in men than in women with T2D. This is a false statement and incorrect citation. 2. Another wrong generalization: "Bone turnover markers are reduced in patients with T2D". Not all markers of bone remodeling are reduced in patients with diabetes. It is necessary to specify which of the markers of bone formation or bone resorption in question. 3. It is in the Conclusions: "Caution should be used with antidiabetic drugs known to negatively affect bone health, such as insulin and TZDs". Is it too bold conclusion about insulin? The negative effect of insulin on the bone health has not been shown, especially in those with type 1 diabetes. 4. The article does not cover the role of obesity and body composition in the shifts of BMD and bone microstructure in subjects with type 2 diabetes and prediabetes. The impact of glucose-lowering modalities on the bone health is not mentioned.

INITIAL REVIEW OF THE MANUSCRIPT

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[Y] No