

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 52389

Title: Effects of gender-affirming hormone therapy on insulin resistance and body composition in transgender individuals: A systematic review

Reviewer's code: 00424850

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's country: Spain

Author's country: Australia

Manuscript submission date: 2019-10-31

Reviewer chosen by: Artificial Intelligence Technique

Reviewer accepted review: 2019-11-04 14:03

Reviewer performed review: 2019-11-04 21:25

Review time: 7 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input checked="" 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 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



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SPECIFIC COMMENTS TO AUTHORS

In my opinion it is a very interesting work in a field where the information is very scarce. The review has been exhaustive. Two points to comment related with the writing style. I would like, at least for the discussion a more narrative style instead of the actual divided in some epigrams. Related to the content I think that, again in the discussion it would be recomendable to comment de limitations of the work. Another point to be commented in my opinion should be the quality analysis of the disposable literature. I think they are minor aspects.

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: 52389

Title: Effects of gender-affirming hormone therapy on insulin resistance and body composition in transgender individuals: A systematic review

Reviewer's code: 03647461

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's country: United States

Author's country: Australia

Manuscript submission date: 2019-10-31

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2019-11-22 19:08

Reviewer performed review: 2019-11-30 22:23

Review time: 8 Days and 3 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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 checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This review was done in an amicable and thorough manner given the paucity of the available published data on transgender treatment outcomes. The study mainly focused on transmen and transwomen in Europe especially Belgium and the Netherlands. Also, it was a systematic review of the subject in a retrospective fashion. Therefore, the parameters and limitations of the studies reviewed were apparent at the start. However, until more prospective studies can be conducted, this review brings to focus the available knowledge on the long-term effects of hormonal treatment. Line 50: The term transgender refers to an individual whose experienced or expressed deeply held sense of gender differs... “ this phrase must be refined.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

BPG Search:

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No