



PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 82905

Title: Knowledge, attitudes and experiences of genetic testing for autism spectrum disorders among caregivers, patients, and health providers: A systematic review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05820295

Position: Peer Reviewer

Academic degree: MBBS

Professional title: Doctor, Research Scientist

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2022-12-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-01-03 05:59

Reviewer performed review: 2023-01-13 04:01

Review time: 9 Days and 22 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript entitled Knowledge, Attitudes and “Experiences of Genetic Testing for Autism Spectrum Disorders among caregivers, patients, and health providers: a Systematic Review” is a systematic review evaluating the current Research on knowledge, experiences, and attitudes towards genetic testing among caregivers of children with ASD, adolescent and adult ASD patients, and health providers. The comments to the authors are as follows: 1) “Diagnosis of ASD lacks subjective biomarkers and primarily relies on clinical observation and evaluation of individuals’ behavioral and developmental characteristics” I think this should be: “Diagnosis of ASD lacks objective biomarkers and primarily relies on subjective parameters such as clinical observation and evaluation of individuals’ behavioral and developmental characteristics” 2) A background regarding the genetic polymorphisms associated with ASD may be added. 3) There must be a clear distinction between the perspectives of the care givers and health care providers. These two groups cannot be merged under one heading. Overall, the manuscript is the first study that systematically reviews caregivers', patients', and health providers’ knowledge, experiences, and



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attitudes toward genetic testing for ASD. It must be considered for publication after a few minor changes.



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Reviewer's code: 02916557

Position: Peer Reviewer

Academic degree: AGAF, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Cameroon

Author's Country/Territory: China

Manuscript submission date: 2022-12-30

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-02-15 02:47

Reviewer performed review: 2023-02-24 01:38

Review time: 8 Days and 22 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript can be published at this stage