

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Pediatrics*

**Manuscript NO:** 86837

**Title:** Role of Gastrointestinal Health in Managing Children with Autism Spectrum Disorder

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03540352

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Brazil

**Author's Country/Territory:** Bahrain

**Manuscript submission date:** 2023-07-10

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-07-27 11:40

**Reviewer performed review:** 2023-08-01 20:27

**Review time:** 5 Days and 8 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty 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 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

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

In this non-systematic review of about 14,000 words and 228 references, the literature on the relationship between gastrointestinal disorders and autism spectrum disorders is analyzed. The title is based on the assumption that the control of gastrointestinal manifestations reduces the severity of autism. However, in addition to exploring the concurrence and possible interaction with the same etiological factors (brain-intestine interaction), it does not offer specific features for the therapeutic management of gastrointestinal diseases in patients with autism spectrum disorders. In all situations, the need for an individualized multidisciplinary approach without detailing for each type of clinical manifestation is mentioned. Changing the title could lower readers' expectations and allow one to get to know the interesting literature compiled.

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**Title:** Role of Gastrointestinal Health in Managing Children with Autism Spectrum Disorder

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 07713871

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Malaysia

**Author's Country/Territory:** Bahrain

**Manuscript submission date:** 2023-07-10

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-07-25 01:16

**Reviewer performed review:** 2023-08-06 13:16

**Review time:** 12 Days and 11 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty 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 novelty
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<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

I read the manuscript titled "Gastrointestinal Health as a Crucial Key for the Proper Management of Children with Autism Spectrum Disorder" with great interest. The authors performed an extensive review of the literature on ASD and GI health issues. The article was written in an organized manner. The evidences were presented systematically with careful interpretation of the data. Many new findings were included in this review. The authors acknowledge the limitation of cited studies adequately.

Below are my suggestions: 1. Introduction, paragraph 1, "Autism spectrum disorder" is the preferred umbrella term rather than autism. In the DSM-V criteria, Asperger and PDD-NOS is grouped under ASD. Suggest to rephrase the sentence. 2. Suggest to use the term either "ASD" or "autism" throughout the article for consistency. 3. Please check the reference '[2120]' on page 58 4. Suggest to write more succinctly especially on heading for GI symptoms such as "GE Reflex", "diarrhoea", "abdominal pain" as there was significant overlap of information and repetitive. Good luck.