

PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 68321

Title: Use of oral vancomycin in children with autoimmune liver disease: A single centre experience

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05595837

Position: Peer Reviewer

Academic degree: CCST, FRCP, MBBS, MRCP

Professional title: Consultant Physician-Scientist, Doctor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: Italy

Manuscript submission date: 2021-05-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-11 04:40

Reviewer performed review: 2021-06-15 09:32

Review time: 4 Days and 4 Hours

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Language quality	<input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input type="radio"/> Accept (High priority) <input checked="" type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input checked="" type="radio"/> Yes <input type="radio"/> No

Peer-reviewer statements	Peer-Review: [<input type="checkbox"/>] Anonymous [<input checked="" type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

I read with great interest this observational study concerning the use of vancomycin orally in paediatric patients with autoimmune liver disease, mainly AIH and ASC. Although, the study sample was only 75 candidates, yet the out come was statistically significant (biochemical improvement of AST, ALT and GGT in around 11% with $p=.05$). The use of vancomycin in such cases (Autoimmune liver disease in kids) has been studied over the last few years, however, no RCTs have yet supported the full use of OVT. The hypothesis of such observational study is reasonable and in the near future, more studies should be done to help clinicians in treating such cases. Methodology and statistical analysis were adequate and clearly explained in the right sections. Results, discussion and conclusion were all reflective of the study findings and well supported with figures, tables and references.