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PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Pediatrics*

Manuscript NO: 73611

Title: Hereditary Fructose Intolerance: A Comprehensive review

Provenance and peer review: Invited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02353723
Position: Editorial Board
Academic degree: MD, PhD
Professional title: Professor
Reviewer's Country/Territory: Italy
Author's Country/Territory: India

Manuscript submission date: 2021-11-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-11-27 17:04

Reviewer performed review: 2021-11-30 19:17

Review time: 3 Days and 2 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

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statements	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The main scope of the review of Singh at al. was to offer to the reader a comprehensive "understanding" of the disease. They debated: epidemiology, genetics, pathogenesis, clinical features, evaluation (diagnosis), treatment, controversies in management and prognosis. The manuscript mostly reports what is known in the literature without providing an appropriate list of supporting references; moreover, the authors added a personal contribution only in the paragraph discussing the controversies in the management of the disease. GENERAL COMMENTS The title reflects the main subject/hypothesis of the manuscript The abstract summarizes and reflects the work described in the manuscript, and the same do the key words A specific comment of the background, methods, and results, and discussion does not apply. Figures are of good quality while the table should be more detailed The manuscript lacks of appropriate references in the introduction and other sections. The quality and organization of manuscript is good Specific comments: ABSTRACT Line 5: change "transaminasemia" with "increase of transaminase" Line 6: rephrase "and even liver failure rarely" as follows "and rarely liver failure" CORE TIP Line 1: remove "that occurs" Line 5: change "same" with "disease" INTRODUCTION Lines 5-10: sentences are not supported by any references. GENETICS Lines 1-10: the entire first part of the paragraph lacks of appropriate references Line 5: explain what "in silico tools" are and add a reference. PATHOGENESIS Line 1: eliminate "is expressed in the liver, kidney and small intestine" since it is a repetition. Line 5-7: you report the presence of aldolase isoenzymes. Explain their physiological role and/or their involvement in the disease and add references. CLINICAL FEATURES The entire paragraph should be restructured. At the beginning it should made clear that there is not a genotype-phenotype correlation,

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and then you should describe the classical presentation in infants with the liver failure variant, and the presentation in adults. The reference 15 should be used also in the introduction. EVALUATION Line 2-3: you should explain in details "the bedside screening test". What are the non-glucose-reducing substances? Line 9: at the end of the sentence it is necessary to add a reference TREATMENT Table 1 is too generic. At the end of the paragraph add more detail on vitamins and nutritional deficiencies (references) CONTROVERSIES IN MANAGEMENT This is the only paragraph that contains comments and suggestions from the authors. This is the only personal contribution of the authors to the review. PROGNOSIS It is partially in contrast with what previously described. Support your conclusions with longitudinal studies (references).