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REVIEWER'S REPORT

Manuscript No.: IJAR-56409

Title: Ayurvedic Management of Chronic Liver Disease: A Case Study

Recommendation:

- Accept as it is
- ✓ **Accept after minor revision.....**
- Accept after major revision
- Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance	✓			

Reviewer Name: Dr S. K. Nath

Detailed Reviewer's Report

Strengths of the Study:

- The study addresses an important area of complementary and alternative medicine with focus on Ayurvedic treatment in chronic liver disease.
- It provides a detailed description of clinical presentation, Ayurvedic diagnostics, treatment protocols, and follow-up results.
- The biochemical data indicate measurable improvements in liver function parameters, supporting the potential efficacy of the interventions.
- The integration of Ayurvedic concepts with clinical outcomes helps bridge traditional medicine and modern clinical assessment.
- The report underscores the need for further research, promoting scientific inquiry into Ayurvedic therapies.

Weaknesses of the Study:

- The sample size is limited to a single case, which restricts the generalizability of findings.
- Lack of a control group or comparison arm makes it difficult to attribute improvements solely to Ayurvedic treatment.
- The absence of detailed, standardized outcome measures or quantitative data beyond biochemical parameters.
- No mention of ethical approval, informed consent, or registration, which are critical for clinical case reports.
- The discussion does not critically evaluate possible placebo effects or natural disease course.
- The language and presentation have minor grammatical and typographical errors affecting clarity.
- The referencing style is inconsistent, and some references lack complete citation details.

Reviewer Comments:

- **Title and Abstract:** The title is clear and adequately reflects the content of the paper. The abstract summarizes the case and outcomes well but could benefit from explicitly stating the study's limitations and emphasizing the case report nature for accuracy.
- **Introduction and Objectives:** The introduction contextualizes chronic liver disease and Ayurvedic perspectives but would benefit from clearer articulation of the specific research questions or

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objectives of this case report. Clarify whether the goal is to demonstrate potential efficacy or to explore Ayurvedic management principles.

- **Methodology and Statistical Analysis:** Methodology includes diagnostic evaluation, intervention plan, and follow-up. However, detailed information regarding the selection criteria, baseline assessments, and monitoring protocols is lacking. No statistical analysis is performed or described, which is typical for single-case reports but should be acknowledged. Ethical approval and informed consent procedures are not mentioned, which are mandatory.
- **Results and Discussion:** The results are presented clearly, with before-and-after comparisons of clinical symptoms and biochemical markers demonstrating improvement. Nonetheless, discussion on the possible mechanisms, placebo effects, or natural disease fluctuations is limited. The discussion would benefit from a critical perspective, including limitations of the case and the need for controlled studies.
- **Conclusion and Implications:** The conclusion suggests that Ayurvedic therapy may be beneficial but should be tempered with recognition of the study's limitations. Emphasize that findings are preliminary and hypothesis-generating rather than definitive.
- **Ethical Clearance:** No mention of ethical approval, ethical clearance number, or informed consent was found. This omission needs to be addressed, given the publication standards for clinical case reports.
- **Language and Presentation:** The manuscript contains minor grammatical errors and typographical issues that should be corrected for clarity. Formatting of tables and references is inconsistent; standardization is recommended.
- **Tables, Figures, Formatting, References:** Tables are informative but inconsistent in presentation. Figures are not included; including relevant diagrams or clinical images could enhance understanding. References are extensive but lack uniform formatting and some missing details.