

PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 85308

Title: Liver transplant in patients with primary sclerosing cholangitis: A retrospective cohort from Northeastern Brazil

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03537165

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: Brazil

Manuscript submission date: 2023-05-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-05-21 02:05

Reviewer performed review: 2023-06-02 05:07

Review time: 12 Days and 3 Hours

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 Grade E: Do not publish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

SPECIFIC COMMENTS TO AUTHORS

Review - 85308: The paper retrospective cohort observational study of the experiences and approach of the Brazilian transplant center in the transplantation of PSC patients. The work needs to be significantly supplemented with a description of the treatment approach and the optimal time of patient registration on the list, the method of prioritization on the list and the monitoring of the risk of cholangiocellular carcinoma. Equally in the post-transplantation period, the approach to monitoring the risk of complications, the recurrence of the baseline disease and the approach to immunosuppression. I would also like to refer to the approach to the treatment of inflammatory bowel disease in these patients in the pre- and post-transplant period. In doing so, please comment on the approach in Brazil and review the experiences of other relevant transplant societies. The title, abstract, manuscript organization, discussion, figures and references are appropriate. Language requires significant polishing to achieve precision, clarity and grammatical correctness.

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Title: Liver transplant in patients with primary sclerosing cholangitis: A retrospective cohort from Northeastern Brazil

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04737381

Position: Peer Reviewer

Academic degree: DSc, MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Poland

Author's Country/Territory: Brazil

Manuscript submission date: 2023-05-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-05-24 07:48

Reviewer performed review: 2023-06-03 17:30

Review time: 10 Days and 9 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 type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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Re-review	<input type="checkbox"/> Yes <input checked="" 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 summarizes the single-center experience in liver transplantation due to PSC. The topic is not new, but the differences between the Brazilian cohort and other populations deserve attention. It is impossible to know from the abstract how many patients underwent transplantation due to PSC. The authors should take into account that many readers base their interest in the text on the initial reading of the abstract. After reading the abstract itself, we do not know the size of the group described. It is not known whether 1.6% apply to PSC patients only or all transplants carried out at the center. I would suggest shortening the description of statistical methods, which do not have to be described in such detail in the abstract and replace them with a more accurate description of the results. The key words reflect the focus of the manuscript. The manuscript adequately describes the background and methods. Statistical methods are chosen correctly for this type of study however sample size is relatively small. It would be advisable for the authors to address the strengths and limitations of the study. The manuscript contains 1 figure of sufficient quality. Consideration may be given to adding a table of patient baseline characteristics. References are properly chosen and there are

no self-citations. The manuscript would require linguistic correction due to minor errors (e.g. “most common” instead of “the most common”, capital letter instead of lowercase in the middle of a sentence, etc.) or phrases needing stylistic improvement (e.g. „....indicate that this may be an indicator....”). I think the authors meant inflammation, not inflation, in the first sentence of the introduction.