

PEER-REVIEW REPORT

Name of journal: *World Journal of Transplantation*

Manuscript NO: 78961

Title: Parvovirus B19 status in liver, kidney and pancreas transplant candidates: A single center experience

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04152279

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Croatia

Manuscript submission date: 2022-07-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-07-28 09:01

Reviewer performed review: 2022-08-06 09:19

Review time: 9 Days

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 Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input 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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Peer-reviewer
statements**Peer-Review: [☒] Anonymous [☐] OnymousConflicts-of-Interest: [☐] Yes [☒] No**SPECIFIC COMMENTS TO AUTHORS**

This study determined the serological status and dna aemia of parvovirus B19 in 131 renal, liver and pancreatic transplant candidates, and prospectively speculated that pre-transplant serological studies could simplify the diagnosis of post-transplant anemia, with novel themes and good research significance. The study subjects were the pre-transplant patients. So how to choose transplant type? What are the differences in the clinical characteristics of these four types of patients?

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Peer-review model: Single blind

Reviewer's code: 02936529

Position: Editorial Board

Academic degree: FRCS (Hon), MD, PhD

Professional title: Professor, Surgical Oncologist

Reviewer's Country/Territory: Brazil

Author's Country/Territory: Croatia

Manuscript submission date: 2022-07-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-07-27 01:16

Reviewer performed review: 2022-08-07 12:06

Review time: 11 Days and 10 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
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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This study aimed to determine the parvovirus B19 serological status and DNAemia in kidney, liver and pancreas transplant candidates. This a very important subject, due the not fully elucidated and underestimated clinical implications of parvovirus infection in transplanted patients. The main limitation of the study is not reporting the incidence of clinical parvovirus infection in the postoperative period of these patients, reflecting more accurately the real significance of positive ELISA tests detected in the preoperative period. But, this manuscript is highly important for this debate, and the lack of these results could be partially healed by a more extensive discussion of the updated bibliography on the subject (discussion session). Congratulations for the authors.