



PEER-REVIEW REPORT

Name of journal: World Journal of Transplantation

Manuscript NO: 63627

Title: Rituximab or plasmapheresis for prevention of recurrent focal segmental glomerulosclerosis after kidney transplantation: A systematic review and meta-analysis

Reviewer's code: 03715067

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: France

Author's Country/Territory: United States

Manuscript submission date: 2021-01-30

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-04-01 06:02

Reviewer performed review: 2021-04-01 20:09

Review time: 14 Hours

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 Grade A: Excellent [] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish |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



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SPECIFIC COMMENTS TO AUTHORS

I reviewed a very good meta-analysis manuscript dealing with preemptive strategies in order to prevent FSGS recurrence after kidney transplantation. It shows that nor rituximab nor plasmapheresis are able to prevent recurrence. It would be nice to address whether preemptive strategies have any impact upon allograft survival and kidney allograft function.



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Name of journal: World Journal of Transplantation

Manuscript NO: 63627

Title: Rituximab or plasmapheresis for prevention of recurrent focal segmental glomerulosclerosis after kidney transplantation: A systematic review and meta-analysis

Reviewer's code: 05140865

Position: Peer Reviewer

Academic degree: MD

Professional title: Research Fellow

Reviewer's Country/Territory: Netherlands

Author's Country/Territory: United States

Manuscript submission date: 2021-01-30

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-04-01 12:04

Reviewer performed review: 2021-04-08 07:22

Review time: 6 Days and 19 Hours

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|---------------------------------|---|
| 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 |
| Language quality | <input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Yes <input 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 |



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SPECIFIC COMMENTS TO AUTHORS

Congratulations on this nice manuscript. I only have some minor comments - I am looking forward to the revised version.



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Name of journal: World Journal of Transplantation

Manuscript NO: 63627

Title: Rituximab or plasmapheresis for prevention of recurrent focal segmental glomerulosclerosis after kidney transplantation: A systematic review and meta-analysis

Reviewer's code: 05257685

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: United States

Manuscript submission date: 2021-01-30

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-04-02 14:15

Reviewer performed review: 2021-04-09 12:37

Review time: 6 Days and 22 Hours

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|---------------------------------|---|
| 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 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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |



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SPECIFIC COMMENTS TO AUTHORS

The aim of this study is whether the preventive treatment of rituximab based therapy and plasmapheresis alone strategy for focal segmental glomerulosclerosis (FSGS) before kidney transplantation (KT) can reduce the incidence of recurrent FSGS or delay the timing of recurrence after KT. Research on whether a preventive strategy before KT is effective for recurrent FSGS is scarce. This study is expected to give a significant message on the prevention of recurrent FSGS through rituximab and plasmapheresis. However, this study requires several revisions. 1) The timing of post-transplant recurrence of FSGS, which is written as a result, should be included in methodology of abstract and manuscript. 2) The result of abstract needs to mention the recurrent timing of FSGS.

3) In Core tip, "FSG" needs to be modified to "FSGS". 4) The discussion of the manuscript has a particularly low correlation between title and result. Therefore, a general revision of the discussion is required. As the authors describe, the pathogenesis of FSGS is not fully understood. Therefore, the detailed explanation of FSGS circulating factor in the discussion seems to confirm that the main pathogenesis of FSGS is circulating factor. Also, considering the title and results of this paper, the discussion needs more detailed description including an association of rituximab and plasmapheresis on the incidence and recurrence timing of recurrent FSGS after KT. When referring to the purpose of this study, which the authors wrote, "Generally, the diagnosis of primary FSGS requires ~ that were not included in our analysis." appears to be an unnecessary paragraph. 5) In conclusion, since this study cannot determine the high risk of recurrent FSGS, a revision or deletion of the sentence "However, the effectiveness of preventive therapy ~ and further research is required" seems to help to express a clearer meaning.