



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 46797

Title: Rituximab-induced IgG hypogammaglobulinemia in children with nephrotic syndrome and normal pre-treatment IgG values

Reviewer’s code: 00503257

Reviewer’s country: Japan

Science editor: Fang-Fang Ji

Reviewer accepted review: 2019-02-26 06:08

Reviewer performed review: 2019-02-28 01:49

Review time: 1 Day and 19 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is somewhat interesting clinical observation which describes the incidence of hypogammaglobulinemia in patients with nephrotic syndrome (NS) after rituximab (NS) treatment. Although this phenomenon has already been reported to date, this MS would



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further support a thoughtful adverse event of RTX treatment. Unfortunately, the authors failed to demonstrate possible risk factors of developing hypogammaglobulinemia after RTX treatment in patients with NS. However, despite this drawback, I think this paper may worth for publish. I have one comment. The authors showed one patient among their 11 patients with hypogammaglobulinemia after RTX treatment exhibiting rather “severe” hypogammaglobulinemia in whom IgG supplementation was needed. Thus, any presumptive risk factors of developing “severe” hypogammaglobulinemia after RTX treatment should be represented. Also, the authors should discuss more in-depth regarding risk factors of developing “severe” hypogammaglobulinemia based on the literature review.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication
- Plagiarism
- [Y] No

BPG Search:

- The same title
- Duplicate publication
- Plagiarism
- [Y] No



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 46797

Title: Rituximab-induced IgG hypogammaglobulinemia in children with nephrotic syndrome and normal pre-treatment IgG values

Reviewer’s code: 00503179

Reviewer’s country: Denmark

Science editor: Fang-Fang Ji

Reviewer accepted review: 2019-02-26 10:23

Reviewer performed review: 2019-02-28 13:31

Review time: 2 Days and 3 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer’s expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The aim has been to evaluate the risk of inducing low IgG levels and infections in children with complicated nephrotic syndrome, when rituximab was used as treatment. This is important information about complications in a special subgroup of patients with



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nephrotic syndrome - a subgroup with complication as frequently relapsing and steroid-dependent syndrome. A series of 20 patients were followed. The conclusion was that Rituximab can induce hypogammaglobulinemia, even if IgG level was normal to begin with, and that severe infections were not observed. The presentation is well done, and the methods of analyzing data are adequate. Table and figure are informative. Relevant references are included. The discussion is well balanced. The conclusions are supported by the data.

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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- No



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 46797

Title: Rituximab-induced IgG hypogammaglobulinemia in children with nephrotic syndrome and normal pre-treatment IgG values

Reviewer’s code: 00503199

Reviewer’s country: Greece

Science editor: Fang-Fang Ji

Reviewer accepted review: 2019-02-26 16:02

Reviewer performed review: 2019-03-04 19:17

Review time: 6 Days and 3 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Abstract and text “Basal IgG levels were dosed after 6 weeks” please edit “None of the patients developing IgG hypogammaglobulinemia showed severe or recurrent infections. Only one patient (Fig. 1A) underwent substitutive IgG infusion for recurrent acute otitis



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media, after immunological consultation". One patient did had recurrent infections (otitis media), thus you need to change it in the abstract and the text (for example: None of the patients developing IgG hypogammaglobulinemia showed severe infections. Only one patient (Fig. 1A) suffered from recurrent acute otitis media, and underwent substitutive IgG infusion after immunological consultation)

INITIAL REVIEW OF THE MANUSCRIPT

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- [Y] No