

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41306

Title: Intralesional and Topical Glucocorticoid for Pretibial Myxedema: Case Report of Self-Controlled Study

Reviewer's code: 00503929

Reviewer's country: Brazil

Science editor: Ying Dou

Date sent for review: 2018-08-16

Date reviewed: 2018-08-19

Review time: 3 Days

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 type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" 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 a well-structured, adequately documented and clearly written case report concerning treatment of pretibial myxedema with two different drug regimens. The authors refer to it as a self-controlled study, supposedly because if there were differences

in effectiveness between these treatments, they would appear in the comparison between the two legs of the patient. This assumption requires, however, that the two legs of the patient were in identical condition before the two distinct treatments were started; it also requires that the effect of both treatments was entirely local, i. e., restricted to each limb in every respect. The first condition is very difficult to demonstrate; the second, as the authors themselves recognize, is not assured. Therefore, the idea that the study is self-controlled in any respect is open to challenge. Nevertheless, the merit of the study does not lie in fulfilling this criterion (which is not really helpful when one has only one patient), but in conducting a detailed analysis of multiple parameters and reporting on findings that suggest the alternative possibility that indeed these two treatment regimens are not independent of each other, but may actually interact. In their study, the ointment was roughly comparable in effectiveness to the multiple intralesional injections of glucocorticoids. This departs from reports from previous studies, that showed faster therapeutic responses with injected glucocorticoid than with topical glucocorticoid. It is possible that some of the benefit observed with topical glucocorticoid in this case is related to an interaction between the two treatments, that increases the topical glucocorticoid effectiveness. If so, an initial course of intralesional injection accompanied by topical glucocorticoid may represent an attractive modification of current approaches, because the injections are painful, require lidocaine administration to be acceptable, and many injections are performed, all of these being likely to discourage patients from this treatment. I understand the data shown are insufficient to support this hypothesis, but I nevertheless feel this should be discussed by the authors in order to improve the usefulness of their contribution.??

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:



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- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41306

Title: Intralesional and Topical Glucocorticoid for Pretibial Myxedema: Case Report of Self-Controlled Study

Reviewer's code: 00646291

Reviewer's country: United Kingdom

Science editor: Ying Dou

Date sent for review: 2018-08-16

Date reviewed: 2018-08-21

Review time: 5 Days

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 checked="" 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input checked="" type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript is a clear description of a case of Pretibial myxedema. The manuscript is easy to follow and the figures of acceptable quality therefore this case study can be useful for specialist clinicians in this area. Minor comments Authors might want to



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consider commenting on whether there was any relapse observed after the end of the treatment in the right or the left extremity.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No