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OPEN PEER REVIEW

Comparative Assessment of Topical Glucantime® Injection Plus Cryotherapy and Cryotherapy Alone for Treatment of Anthroponotic Cutaneous Leishmaniasis

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About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

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1 Original submission

2 comments · 3 Jun 2021 – 13 Jun 2021

Referee 1 Reviewer

MINOR REVISION 3 Jun 2021

Dear authors,

Thank you for submitting your valuable manuscript.

After carefully reading the manuscript, I find it to be a valuable study in which the authors try to compare treatment methods for leishmaniosis infection. However, there are some comments for further clarification and modification.
1. You need to add previous studies from different cities in Iran or other countries.
2. Why did you not confirm your samples using molecular methods instead of relying only on parasitological methods?
3. How did you confirm that your cases are ZCL or ACL?
4. As you mentioned, 200 participants received only cryo treatment, and these patients had immunocompromising diseases. It seems that you cannot compare the results of this group with those of the immunocompetent group. Do you have a reference?

Sincerely,

Referee 2 Reviewer

MAJOR REVISION 13 Jun 2021

Dear Editor
I reviewed the article titled
" A comparative assessment of topical Glucantime® injection plus cryotherapy, and cryotherapy alone for treatment of anthroponotic cutaneous leishmaniasis; "

- Please find below my views concerning the article:
Due to the high prevalence of this disease in our country, it is valuable to study the types of treatments for this disease.
- The article is poorly written in English and needs to be edited.
- The Background section is long and needs to be summarized.
- In the method section, the definitions of cure and treatment failure based on clinical and parasitological criteria should be clearly written.
- In the results of the study, was there a comparison in terms of response to treatment and the location of the lesion?
- Authors should provide a comparative table for all reported cutaneous leishmaniasis cases to date (with a clear search strategy in PubMed, Scopus, Medline, etc.) that includes the year of report/country, age, sex, site, treatment regimens, duration, and outcome.
- The discussion section needs to be rewritten.
- Some of the article references are out of date. Older references from 2010 are not used.
This article is currently not accepted in this format, and it may be acceptable for publication only if it is rewritten and the points made are taken into account.
This article in this format requires a major revision.

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Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Reviewers' Comments:

Reviewer 1:
Dear Editor
I Review article titled
" A comparative assessment of topical Glucantime® injection plus cryotherapy, and cryotherapy alone for treatment of anthroponotic cutaneous leishmaniasis; "

-Please find below my views concerning the article:
Due to the high prevalence of this disease in our country, it is valuable to study the types of treatments for this disease.

It was done.

-The article is poorly written in English and needs to be edited.

It was done and remarked in the revised manuscript file.

- The Background section, is long and needs to be summarized.

It was done and remarked in the revised manuscript file.

-In the method section, the definition of cure and failure to treatment based on clinical and parasitological criteria should be clearly written.

Healing was considered as complete re-epithelialization and disappearance of induration. Follow-up was done for patients up to 6 months. Elimination of inflammatory symptoms and tissue hardness and healing of papules and ulcers were considered as complete recovery. In addition, in patients with more than one lesion, all lesion must be healed to be considered as cured. All untreated cases were referred to medical centers for more evaluation and other treatment protocol.

- Authors should provide a comparative table for all reported cutaneous leishmaniasis cases till now (with a clear search strategy in PubMed, Scopus, Medline, etc.) that includes the year of report/country, age, sex, site, treatment regimens, duration, and outcome.

This comment will be a complete review article that does not fit into this manuscript.

- The discussion section needs to be rewritten.

It was done and remarked in the revised manuscript file.

- some of the article references are out of date. Older references from 2010 , is not used;

It was done and remarked in the revised manuscript file.

This article is currently not accepted in this format and it may be acceptable for publication only if rewritten and the points made should be taken into account.
This article in this format requires a major revision.

Reviewer 2:
Dear authors,

Thank you for submitting your valuable manuscript.

After careful reading, it is valuable study that authors try to comparing treatment methods in leishmaniosis infection . However, there are some comments for further clarification and modification.
1. you need add previous studies in different cities even in Iran or other counties.

It was done and remarked in the revised manuscript file.

2. why you did not confirm your samples by molecular methods and just rely on parasitology methods ? it was done.
3. How you confirmed that your cases are ZCL or ACL? By PCR technique. It was done and remarked in the revised manuscript file.

4. as you mentioned in 200 participants you did just cryo treatment and these patients had immunocompromised diseases and it seems you can not compare the results of this group with immunocompetent group. You are right. It was deleted from revised manuscript file..

Sincerely,

Associate Editor's Comments:

Associate Editor 1:
Major revision

EIC Decision:

Major revision

2 Revision 1

0 comments

No public comments in this round.