

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 75092

Title: A case report of ant sting-induced whole-body pustules in an inebriated male

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00005290

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2022-01-16

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-17 10:44

Reviewer performed review: 2022-01-18 10:06

Review time: 23 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 Grade E: Do not publish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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Authors report on a case of hypersensitivity delayed reaction, characterized by a diffuse maculo-papular rash due to multiple ant bites. Critical points. 1- Acid and alkaloids cause toxic reactions, causing a sterile pustule at the sting site, while allergic reactions are due to the protein components of ant venom, such as phospholipase or protein like vespid antigen 5. There is no evidence that the reaction Authors observed in their patient was allergic, while it seems toxic reaction. 2- No specific IgE for ant venom allergens have been measured (total IgE is not a proof of allergic reaction!) 3- Authors state that the main histopathological changes observed in ant venom allergy are eosinophil recruitment, but the biopsy they show is characterized by a pustule with infiltration of neutrophils in stratum spinosum.

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Peer-review model: Single blind

Reviewer's code: 00724702

Position: Editorial Board

Academic degree: MBBS, MD

Professional title: Doctor, Senior Researcher

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2022-01-16

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-02 10:59

Reviewer performed review: 2022-02-02 11:25

Review time: 1 Hour

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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statementsConflicts-of-Interest: [☐] Yes [☒] No**SPECIFIC COMMENTS TO AUTHORS**

The authors have submitted a well written case report on ant sting-induced anaphylaxis. The authors have highlighted very well that although it may seem innocuous, in cases it may result in severe anaphylaxis. The authors can consider stating why the patient reported after 5 days despite developing severe symptoms. The authors can also consider mentioning the dose of methylprednisolone instead "medium dosage of methylprednisolone" in the abstract as well as the treatment. Based on previous literature available, the authors can also consider stating the incidence of common ant sting, demographically describe groups which are more susceptible and the percentage of ant-stings which develop anaphylaxis. The topic mentions an "an inebriated male". However, it is not described in any of the case presentation or discussion. As this condition makes the case report unique as compared to other reported cases of ant-sting anaphylaxis, the authors can consider adding more details.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Peer-review model: Single blind

Reviewer's code: 00005290

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2022-01-16

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2022-04-13 16:07

Reviewer performed review: 2022-04-13 16:10

Review time: 1 Hour

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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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

Authors revised the manuscript according to suggestions