

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 79716

Title: Amiodarone-induced muscle tremor in an elderly patient: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06335109

Position: Peer Reviewer

Academic degree: MM

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2022-09-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-08 12:31

Reviewer performed review: 2022-09-16 15:02

Review time: 8 Days and 2 Hours

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 Grade E: Do not publish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 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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

SPECIFIC COMMENTS TO AUTHORS

The authors reported that an 84-year-old female developed bilateral gastrocnemius tremor after receiving amiodarone treatment for paroxysmal supraventricular tachycardia. This case report has some clinical significance for the safe use of amiodarone. Here are my questions and suggestions. 1. The relationships between the mode of administration, dose and time of amiodarone and the occurrence of muscle tremor are not clearly described. It is not clear in the manuscript that when the neurology consultation was requested and when the patient started to take levetiracetam. How long does the patient start to recover the lower limb function after taking the medicine, and when does it return to normal? For these reasons, a timetable or a timeline is recommended. 2. The description of the muscle tremor can be more detailed, such as the type of muscle tremor, frequency, duration, specific location, aggravation and relief methods. 3. "The next morning, the patient began to experience involuntary lower limb gastrocnemius pain with muscle tremors. (Page 3, Line 18-20)". Involuntary muscle tremors are usually without pain. Please describe this part in detail. Please explain the cause and differential diagnosis of the muscle pain. 4. The discussion section is a little brief; for example, it can be expanded the mechanisms of the central nervous system. 5. Please describe how does "deethylamiodarone (Page 7, Line 28)" relate to muscle tremors? 6. Please explain how does "lysosomal phospholipid"(Page 1, Line 1) relate to muscle tremors? 7. I suggest removing the sentence "We combined the patient's previous medical history, medication, medication after admission, relevant tests, and examinations to make a differential diagnosis. (Page 8, Line 3-5)" for its redundancy. 8. Please discuss how does "autophagic vacuoles (Page 8, Line 20) " relate to muscle tremors? 9. Please report the drug dose range of amiodarone-induced muscle tremor and



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its correlation with age according to relevant references in the discussion section. 10. How to use amiodarone reasonably and standardized to avoid adverse reactions in the treatment of arrhythmia in elderly patients according to relevant references? 11. Please remove “Lower limb” in the sentence “Lower limb muscle tremor is a movement disorder characterized by...”. (Page 9, Line 1) 12. I suggest rewriting the conclusion of the abstract for the lack of accuracy in summarizing the conclusion of this manuscript. 13. Considering the right of privacy, please remove the patient's personal information in the figures. 14. Please do not use Chinese in the figure.

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Peer-review model: Single blind

Reviewer's code: 01551432

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-09-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-17 05:15

Reviewer performed review: 2022-09-18 02:04

Review time: 20 Hours

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 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

Dear Authors, Thank you for submitting your manuscript, entitled, "Amiodarone-Induced Muscle Tremor in an Elderly Patient: A Rare Case Report" in WJCC. The manuscript is well written and simply summarized and readable. However, some major criticisms should be addressed as the following. 1) Please add new references because the number of references is too small. For instance, when searching amiodarone, adverse reaction, tremor as keywords in Pubmed, the following 8 manuscripts were hit. 1: Stahlmann R, Lode H. Safety considerations of fluoroquinolones in the elderly: an update. *Drugs Aging*. 2010 Mar 1;27(3):193-209. 2: Stahlmann R, Lode H. Fluoroquinolones in the elderly: safety considerations. *Drugs Aging*. 2003;20(4):289-302. 3: Hilleman D, Miller MA, Parker R, Doering P, Pieper JA. Optimal management of amiodarone therapy: efficacy and side effects. *Pharmacotherapy*. 1998 Nov- Dec;18(6 Pt 2):138S-145S. 4: Orr CF, Ahlskog JE. Frequency, characteristics, and risk factors for amiodarone neurotoxicity. *Arch Neurol*. 2009 Jul;66(7):865-9. 5: Bongard V, Marc D, Philippe V, Jean-Louis M, Maryse LM. Incidence rate of adverse drug reactions during long-term follow-up of patients newly treated with amiodarone. *Am J Ther*. 2006 Jul-Aug;13(4):315-9. 6: Palakurthy PR, Iyer V, Meckler RJ. Unusual neurotoxicity associated with amiodarone therapy. *Arch Intern Med*. 1987 May;147(5):881-4. 7: Morady F, Sauve MJ, Malone P, Shen EN, Schwartz AB, Bhandari A, Keung E, Sung RJ, Scheinman MM. Long-term efficacy and toxicity of high-dose amiodarone therapy for ventricular tachycardia or ventricular fibrillation. *Am J Cardiol*. 1983 Nov 1;52(8):975-9. 8: Coulter DM, Edwards IR, Savage RL. Survey of neurological problems with amiodarone in the New Zealand Intensive Medicines Monitoring Programme. *N Z Med J*. 1990 Mar 14;103(885):98-100. 2) Are tremor-like adverse

reactions from amiodarone really rare? 44 case of tremor patients has been reported in the following manuscript. Palakurthy PR, Iyer V, Meckler RJ. Unusual neurotoxicity associated with amiodarone therapy. Arch Intern Med. 1987 May;147(5):881-4. “The most frequent neurotoxic findings were tremor (44 patients), peripheral neuropathy (ten patients), and ataxia (seven patients).” 3) Please add new table summarizing the reported cases to date, while summarizing each item of year, reporter, name of journal, age, gender, primary disease, amiodarone administration method and dosage, course of treatment for primary disease, timing of appearance of side effects, and outcome. Furthermore, please add new considerations and discussions from the new table. What can you say from that new table? Add to the conclusion.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Title: Amiodarone-induced muscle tremor in an elderly patient: A case report

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Peer-review model: Single blind

Reviewer's code: 01551432

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-09-07

Reviewer chosen by: Zhen-Heng Wei

Reviewer accepted review: 2022-10-11 09:52

Reviewer performed review: 2022-10-11 10:24

Review time: 1 Hour

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
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

Dear Authors, Thank you for resubmitting the manuscript entitled, "Amiodarone-Induced Muscle Tremor in an Elderly Patient: A Rare Case Report" in WJCC. The revised manuscript has been almost revised according to the reviewers' comments. However, one major criticism should be addressed as below. Major Please correctly revise your 2nd version of your resubmitted manuscript according the third comment from reviwer-2. To put it simply, search for yourself in Pubmed. Please investigate the cases that have been reported case to date yourself. Add (a)new table(s) and your own opinion and discussion to the Discussion section or Conclusion.

----- 3) Please add new table summarizing the reported cases to date, while summarizing each item of year, reporter, name of journal, age, gender, primary disease, amiodarone administration method and dosage, course of treatment for primary disease, timing of appearance of side effects, and outcome. Furthermore, please add new considerations and discussions from the new table. What can you say from that new table? Add to the conclusion.