

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 78532

Title: Hemorrhagic shock due to ruptured lower limb vascular malformation in a Neurofibromatosis type 1 patient: case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00503572

Position: Editorial Board

Academic degree: MD, MSc

Professional title: Professor

Reviewer's Country/Territory: Mexico

Author's Country/Territory: China

Manuscript submission date: 2022-07-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-07-15 00:52

Reviewer performed review: 2022-07-19 17:59

Review time: 4 Days and 17 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 Grade E: Do not publish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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

The article entitled "Hemorrhagic shock due to ruptured lower limb vascular malformation in a Neurofibromatosis type 1 patient: case report" is the description of an interesting case of Neurofibromatosis type 1 complicated with hemorrhagic shock of a vascular malformation of the left lower extremity. The case is really interesting and the relevance due to its outcome is high. The way in which the authors treat the case and the way they illustrate it with good quality image studies are adequate. The manuscript is well written and referenced. Although this is not a very common condition in some countries and the complication that the patient had is rare, the publication of the text is useful for the clinical training of WJCC readers. My only recommendation to the authors is to check the wording of the English text as it has some spelling errors.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03537202

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Adjunct Professor, Doctor, Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2022-07-01

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-08-27 10:07

Reviewer performed review: 2022-08-28 14:08

Review time: 1 Day and 4 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 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 statements	Peer-Review: [<input type="checkbox"/>] Anonymous [<input checked="" type="checkbox"/>] Onymous
	Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No

SPECIFIC COMMENTS TO AUTHORS

STATUS: ACCETTABLE FOR PUBBLICATION PENDING MINOR REVISIONS Short

summary according reviewer: Authors reported a case of a 47-year-old female with NF-1 with a rupture of right lower limb arterial malformation. General considerations

+ Study design: This is a case report paper. The paper is well-written. The work is interesting and it is one of the few in literature. The discussion is good. In my opinion, it would need only some integrations in order to guarantee a greater appreciation and a greater number of readers for JCU. Abstract: the abstract appropriately summarize the

manuscript without discrepancies between the abstract and the remainder of the manuscript. Paper On some aspects, the authors should address: 1)I have detected

some language errors. Ask a native speaker to verify the language. 2)Looking at the CTA images, I have the impression that the displacement of the main vessels of the lower limb would suggest a mass instead of a AVM. Was there a soft-tissue mass? In my opinion, it would be helpful if you insert also CT images with a soft tissue window.

3)In the whole text, you did not mention Ultrasound and Doppler techniques. Would the Doppler add anything? If you have any, you could upload some B-Mode Ultrasound Doppler images. 4)In order to describe the usefulness of the doppler in the study of

vascular pathology of the limbs (pseudoaneurysm, mav), I suggest you to read, discuss and cite the following article: -Usefulness of doppler techniques in the diagnosis of peripheral iatrogenic pseudoaneurysms secondary to minimally invasive interventional and surgical procedures: imaging findings and diagnostic performance study. J Ultrasound. 2020 Dec;23(4):563-573. doi: 10.1007/s40477-020-00475-6. Epub 2020 May 20. PMID: 32436181; PMCID: PMC7588580. Figures: images are of good quality. -I would



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suggest also to insert CT images with the soft tissue window. -In order to enrich the iconography, why don't you insert US and Doppler images? Reference: please, add the suggested ones.