

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 83281

**Title:** Acute hepatitis of unknown etiology in an adult female: A case report

**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 01562153

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor, Professor

**Reviewer's Country/Territory:** Taiwan

**Author's Country/Territory:** Grenada

**Manuscript submission date:** 2023-04-04

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-04-12 13:35

**Reviewer performed review:** 2023-04-20 09:15

**Review time:** 7 Days and 19 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

Acute hepatitis of unknown origin (AHUO) is unusual in adults and remains a diagnostic and treatment challenge. In this manuscript, the authors presented a case of 58-year-old female who was diagnosed as acute hepatitis with AST 3159 Unit/L, ALT 2500 U/L, and Bilirubin (Total/Direct) 6.4/4.4 mg/dL. Serological markers for hepatotropic viruses, e.g. A, B, C, and E were all negative. Further infective work-up revealed negative serology for CMV, EBV, herpes virus 1 & 2, and HIV. All the tested autoantibodies, including antinuclear antibody, anti-smooth muscle antibody, anti-mitochondrial antibody, liver soluble antibody, and anti-liver-kidney microsomal 1 antibody were also negative. Liver biopsy showed moderate to severe active hepatitis with focal confluent necrosis, consisting mostly of lymphocytes. This is an interesting case of acute hepatitis of unknown origin. The preparation of manuscript and data presentation were not so appropriate. Nonetheless, this manuscript could provide useful information for clinicians to manage patients with acute hepatitis. Comments 1. The authors should present the results of serological examinations in a Table. 2. The authors should present the Figures of image studies. 3. The authors should present the

histological figures of liver biopsy. 4. The English needs polishing.



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**Professional title:** Professor

**Reviewer's Country/Territory:** Egypt

**Author's Country/Territory:** Grenada

**Manuscript submission date:** 2023-04-04

**Reviewer chosen by:** Geng-Long Liu

**Reviewer accepted review:** 2023-04-28 09:50

**Reviewer performed review:** 2023-05-09 10:51

**Review time:** 11 Days and 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
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

Dass and co-others in this article report on a 'Rare Case of Acute Hepatitis of Unknown Etiology in an Adult Female'. The manuscript is of clinical interest although the authors need to address some points as follows: - To help ruling out AIH; what is the patient's total IgG? Is there an evidence of piecemeal necrosis in the liver biopsy? As there is a term called "autoantibody negative AIH". - Did you investigated for Wilson's disease? - When was the date of discharge? - What were the results of her liver functions after discharge? Did she resolve or worsened? Thanks