

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Hematology

**Manuscript NO:** 69269

**Title:** Case Report of a Central Nervous System (CNS) Recurrence in a Patient Treated for Acute Promyelocytic Leukemia, Resulting in Sideroblastic Anemia

**Reviewer's code:** 03246951

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-06-23

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-07-14 03:19

**Reviewer performed review:** 2021-07-18 10:50

**Review time:** 4 Days and 7 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<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



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#### **SPECIFIC COMMENTS TO AUTHORS**

This case is interesting, but there is still a way to go before it is published. 1. Please provide the bone marrow morphology and iron staining map for the diagnosis of sideroblastic anemia. 2. Please provide the picture of promyelocyte or PML / RARA fusion gene found in cerebrospinal fluid. 3. Describe the follow-up of sideroblastic anemia. 4. The specific findings this case report adds to the literature needs to be highlighted.

**Reply:** Thank you for your comment. (1) We have provided the bone marrow morphology and iron staining map for the diagnosis of sideroblastic anemia; (2) We have provided the picture of promyelocyte or PML / RARA fusion gene found in cerebrospinal fluid; (3) We have described the follow-up of sideroblastic anemia; (4) The specific findings this case report adds to the literature were highlighted.

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**Manuscript NO:** 69269

**Title:** Case Report of a Central Nervous System (CNS) Recurrence in a Patient Treated for Acute Promyelocytic Leukemia, Resulting in Sideroblastic Anemia

**Reviewer's code:** 05210337

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-06-23

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-07-14 12:19

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<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input 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
<b>Language quality</b>	<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
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**SPECIFIC COMMENTS TO AUTHORS**

It is a successful case. But as for a high-risk APL, prophylaxis of CNS leukemia seemed to be important at the first stage. It would be better to explain why not to give lumbar puncture and Intrathecal chemotherapy after CR1. The author did not give enough details about sideroblastic anemia, for example, cytogenetic tests and chromosome karyotype.

**Reply:** We have added the details about sideroblastic anemia, for example, cytogenetic tests and chromosome karyotype.