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## PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 68811

Title: Aggressive natural killer cell Leukemia with skin manifestation associated with

hemophagocytic lymphohistiocytosis: A case report

Reviewer's code: 02522888

**Position:** Editorial Board

Academic degree: BSc, MSc, PhD

Professional title: Associate Professor, Director

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2021-06-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-07 21:46

Reviewer performed review: 2021-06-20 23:01

Review time: 13 Days and 1 Hour

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	<ul> <li>[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing</li> <li>[ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection</li> </ul>
Conclusion	<ul> <li>[ ] Accept (High priority)</li> <li>[ ] Accept (General priority)</li> <li>[ Y] Minor revision</li> <li>[ ] Major revision</li> <li>[ ] Rejection</li> </ul>
Re-review	[ ]Yes [Y]No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [] Onymous Conflicts-of-Interest: [] Yes [Y] No



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## SPECIFIC COMMENTS TO AUTHORS

This is a case report article of a patient with Aggressive natural killer cell leukemia (ANKL), a rare NK cells neoplasm. The findings include the observation that the presentation of ANKL is acute coupled with serious illness and rapid disease progression. Additionally, with ensuing Hemophagocytic Lymphohistiocytosis (HLH) patient is bound to develop multi organ disorders leading to rapid death. The authors do a great job describing the case, its presentation, diagnosis, treatment and outcome. Patient information, histology and PET-CT images support the observation. Additionally, the cellular profile of the patient is also provided. While there are case reports for other diseases routinely published, this is a unique case of a rare NK neoplasm (ANKL) for which very few case reports are available. Overall this is a rare case presentation of ANKL with flaky skin lesions and associated HLH. Minor comments: 1. There is no description whether the studies adhere to the human subject guideline, premissions, protocol number etc should be provided. While the authors have provided a signed informed consent form in a different language (the main text of the article should have proper reference about the informed consent, date etc) 2. Typos were found that need to be checked and corrected 3. Page 3 second last line aabdominal should be abdominal 4. Page 8 line two "In one literature... is not correct. It should be in one observation or in one case study or in one published study