

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 73844

Title: Del(5q) and inv(3) in myelodysplastic syndrome: a rare case report and review of the literature

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06169692

Position: Peer Reviewer

Academic degree: Doctor

Professional title: Assistant Professor

Reviewer's Country/Territory: Iran

Author's Country/Territory: China

Manuscript submission date: 2021-12-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-06 20:40

Reviewer performed review: 2021-12-06 21:01

Review time: 1 Hour

Scientific quality	☐ Grade A: Excellent ☒ Grade B: Very good ☐ Grade C: Good ☐ Grade D: Fair ☐ Grade E: Do not publish
Language quality	☐ Grade A: Priority publishing ☒ Grade B: Minor language polishing ☐ Grade C: A great deal of language polishing ☐ Grade D: Rejection
Conclusion	☐ Accept (High priority) ☐ Accept (General priority) ☒ Minor revision ☐ Major revision ☐ Rejection
Re-review	☒ Yes ☐ No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

Peer-reviewer statements	Peer-Review: [☒] Anonymous [☐] Onymous Conflicts-of-Interest: [☐] Yes [☒] No
-------------------------------------	---

SPECIFIC COMMENTS TO AUTHORS

Thank you for inviting me. It is ok

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 73844

Title: Del(5q) and inv(3) in myelodysplastic syndrome: a rare case report and review of the literature

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05430684

Position: Peer Reviewer

Academic degree: MD, MSc, PhD

Professional title: Chief Doctor

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2021-12-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-27 09:02

Reviewer performed review: 2021-12-29 18:26

Review time: 2 Days and 9 Hours

Scientific quality	☐ Grade A: Excellent ☒ Grade B: Very good ☐ Grade C: Good ☐ Grade D: Fair ☐ Grade E: Do not publish
Language quality	☒ Grade A: Priority publishing ☐ Grade B: Minor language polishing ☐ Grade C: A great deal of language polishing ☐ Grade D: Rejection
Conclusion	☐ Accept (High priority) ☐ Accept (General priority) ☒ Minor revision ☐ Major revision ☐ Rejection
Re-review	☒ Yes ☐ No

Peer-reviewer statements	Peer-Review: [☐] Anonymous [☒] Onymous Conflicts-of-Interest: [☐] Yes [☒] No
-------------------------------------	---

SPECIFIC COMMENTS TO AUTHORS

I studied carefully the manuscript entitled "Del(5q) and inv(3) in myelodysplastic syndrome: a rare case report and review of the literature" by Liang et al. The manuscript describes a well documented case of a 66 yo female patient with del(5q) MDS who evolved resistance to lenalidomide, attributed to inv(3) secondary AML treated with azacytidine with partial response for a short period time. The authors discuss the rarity of the coexistence of del(5q) and inv(3) in the leukemic clone in relation to treatment administered and potential therapeutic alternatives as HSCT. Their approach is informative and educative, and the manuscript is properly accompanied by very interesting figures (especially Fig.3 which clarifies the clonal evolution architecture). As an overall point of view, the manuscript deserves publication. However, the authors could consider the following: Minor points: - The authors could concentrate all necessary information to demonstrate the altering pattern of prognosis based on IPSS-R and its components (preferably using the timeline of Fig 3). - As the patient's medical record was insignificant for any prior illness and especially cardiovascular disease, the authors are wellcome to add information concerning EASIX, a marker of endothelial damage, potentially reflecting cardiovascular risk.