

Response to reviewers

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Major revision

Specific Comments to Authors: The authors present the case of a patients with MDS who developed DVT and was successfully treated with LMWH and eltrombopag due to co-existing thrombocytopenia in the setting of DVT. In addition, the patient had protein S deficiency which favours the development of thrombosis. The case is interesting particularly due to the treatment challenges in MDS with thrombocytopenia + DVT. The paper would require a moderate polishing of the scientific writing. For example:

- Thrombopenia should be replaced with thrombocytopenia.

Thank you very much for your advice. We have replaced it.

- Thrombolic genes? Do you mean thrombophilia-associated genes?

Yeah, thank you. We have changed it as thrombophilia-associated genes.

- Genetic genes? Please check this sentence.

We have change “mutations in many genetic genes” into “mutations in these genes”.

- You should also discuss the possibility that the DVT was drug-induced, as some of the drugs taken by the patient were prothrombotic.

Thank you very much for your reminding. We have added the discussion that the DVT was induced by drug such as danazol. We also have talked about thalidomide in the discussion. In this case, multiple factors contributed to thrombosis.

- Are you sure that other LMWH have not been used to treat thrombosis in MDS? Please check the literature.

Yeah, we did not use LMWH to treat thrombosis in this patient. After review of literature and comprehensive consideration, LMWH can induce thrombocytopenia, while Fondaparinux sodium does not. So we chose Fondaparinux sodium with low bleeding risk, and the dose was also halved to minimize its bleeding risk.

- In addition, the references are very old. Please add references from the last 3-5 years, a lot of research has been conducted in the field of MDS, DVT etc.

Thank you for your advice. We have replaced most of the references from the last 3-5 years. Some references (the studies) are relatively rare, and we still refer to the original literature. Thank you very much.

- The references are not formatted per the journal's requirements.

Thank you for your reminding. I have changed it suitable for the journal's formation. If there are

still any question, please do not hesitate contact with us. Thank you very much.

Reviewer #2:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: The authors present an interesting case. Before accepting the manuscript for publication, please consider the following aspects: -please thoroughly spell-check the manuscript. Multiple typos (abstract: foLdaparinux, key words: Eltrombopa and multiple further passages)

Thank you for your careful reading. We have revised this mistake.

-what are thrombolic genes?

That's an unprofessional expression. We have changed it as thrombophilia-associated genes.

-citation 22 is invalid

Thank you for your reminding. We have added this citation.