

## PEER-REVIEW REPORT

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

**Manuscript NO:** 67832

**Title:** Hematopoietic stem cell mobilization strategies to support high-dose chemotherapy: a focus in relapsed/refractory germ-cell tumors

**Reviewer's code:** 05610189

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Research Fellow

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

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

**Manuscript submission date:** 2021-05-03

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-05-04 07:52

**Reviewer performed review:** 2021-05-14 17:06

**Review time:** 10 Days and 9 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" 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 checked="" type="checkbox"/> Minor revision <input 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**

Dear Editor-in-chief, the manuscript I had the pleasure to review is a review article focused on mobilization strategies in autologous stem cell transplantation for germ-cell tumors. The paper is well written and very detailed in the provided information and the topic is certainly of interest. I would recommend some revisions before considering for publication. General comments: - the paper is mostly focused on a general dissertation on mobilization strategies before autologous stem cell transplantation and only very shortly on this particular topic in the setting of germ-cell tumors. It seems that the main topic is a review of the possible mobilization strategies rather than a specific focus on ASCT mobilization techniques for GCT. I would recommend either expanding the section devoted to GCT or modify the title of the manuscript. - the manuscript is a very good review of the present literature, however to some extent lacks novelty. I would recommend better underlying critical issues of the topic, future directions and areas that mostly need further investigations. - the manuscript would benefit from one (or more) summarizing figure(s). I would also recommend adding a table with the recruiting clinical trials addressing new mobilization strategies for GCT or for any indications. Minor comment:- in the Abstract the abbreviation at line 7 HDC should be corrected in HDCT