PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases
Manuscript NO: 70926
Title: Surgery for hepatocellular carcinoma with tumor thrombosis in inferior vena cava: A case report
Reviewer’s code: 03479093
Position: Editorial Board
Academic degree: FACS, FEBS, MD, PhD
Professional title: Director, Full Professor, Senior Lecturer, Senior Researcher, Surgeon
Reviewer’s Country/Territory: Saudi Arabia
Author’s Country/Territory: China
Manuscript submission date: 2021-08-19
Reviewer chosen by: AI Technique
Reviewer accepted review: 2021-08-22 12:41
Reviewer performed review: 2021-08-26 12:44
Review time: 4 Days

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[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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

This study represents a promising therapy option but only for a very selected patient collective. Advanced HCC with vascular invasion is mostly associated with liver cirrhosis, in which major resection is contraindicated. So this patient was lucky to be young, in a cardiovascular excellent condition and without cirrhosis. We can add this interdisciplinary approach to some selected cases in the future of treating advanced HCC. However, there is one additional therapeutic option that can be considered which would be TARE (Transarterial radioembolization) known to treat advanced HCC with vascular invasion such as portal vein tumor thrombosis. I would suggest to include publications comparing TARE to TACE and or systemic therapy. Because in unfit patients, surgery and thrombectomy is not an option and TARE should be discussed equally or superior to the alternative treatments offered in this report. In summary, the manuscript should be revised and resubmitted including a comparison to TARE as to the alternatives mentioned in the discussion.