# PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

**Manuscript NO:** 88272

**Title:** Awake robotic liver surgery: A case report

**Provenance and peer review**: Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05433269

**Position:** Peer Reviewer

**Academic degree:** MBBS

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Saudi Arabia

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

**Manuscript submission date:** 2023-09-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-09-30 06:29

**Reviewer performed review:** 2023-09-30 07:06

**Review time:** 1 Hour

| | |
|---|---|
| **Scientific quality** | [  ] Grade A: Excellent    [  ] Grade B: Very good    [ Y] Grade C: Good<br>[  ] Grade D: Fair    [  ] Grade E: Do not publish |
| **Novelty of this manuscript** | [ Y] Grade A: Excellent    [  ] Grade B: Good    [  ] Grade C: Fair<br>[  ] Grade D: No novelty |
| **Creativity or innovation of this manuscript** | [ Y] Grade A: Excellent    [  ] Grade B: Good    [  ] Grade C: Fair<br>[  ] Grade D: No creativity or innovation |

| Scientific significance of the conclusion in this manuscript | [ Y] Grade A: Excellent     [   ] Grade B: Good       [   ] Grade C: Fair  [   ] Grade D: No scientific significance |
|---|---|
| Language quality | [   ] Grade A: Priority publishing   [   ] Grade B: Minor language polishing   [ Y] Grade C: A great deal of language polishing   [   ] Grade D: Rejection |
| Conclusion | [   ] Accept (High priority)    [ Y] Accept (General priority)  [   ] Minor revision   [   ] Major revision   [   ] Rejection |
| Re-review | [   ] Yes   [ Y] No |
| Peer-reviewer statements | Peer-Review: [ Y] Anonymous    [   ] Onymous |
|  | Conflicts-of-Interest: [   ] Yes   [ Y] No |

## SPECIFIC COMMENTS TO AUTHORS

needs extensive linguistic editing

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**Peer-review model:** Single blind

**Reviewer's code:** 05219083

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Doctor, Professor, Surgeon

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

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

**Manuscript submission date:** 2023-09-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-10-03 23:20

**Reviewer performed review:** 2023-10-10 20:23

**Review time:** 6 Days and 21 Hours

| | |
|---|---|
| **Scientific quality** | [  ] Grade A: Excellent    [  ] Grade B: Very good    [ Y] Grade C: Good<br>[  ] Grade D: Fair    [  ] Grade E: Do not publish |
| **Novelty of this manuscript** | [  ] Grade A: Excellent    [ Y] Grade B: Good    [  ] Grade C: Fair<br>[  ] Grade D: No novelty |
| **Creativity or innovation of this manuscript** | [  ] Grade A: Excellent    [ Y] Grade B: Good    [  ] Grade C: Fair<br>[  ] Grade D: No creativity or innovation |

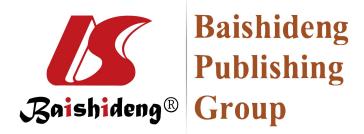| Scientific significance of the conclusion in this manuscript | [   ] Grade A: Excellent     [ Y] Grade B: Good       [   ] Grade C: Fair [   ] Grade D: No scientific significance |
|---|---|
| Language quality | [   ] Grade A: Priority publishing   [ Y] Grade B: Minor language polishing   [   ] Grade C: A great deal of language polishing   [   ] Grade D: Rejection |
| Conclusion | [   ] Accept (High priority)   [   ] Accept (General priority) [ Y] Minor revision   [   ] Major revision   [   ] Rejection |
| Re-review | [ Y] Yes   [   ] No |
| Peer-reviewer statements | Peer-Review: [ Y] Anonymous   [   ] Onymous |
| | Conflicts-of-Interest: [   ] Yes   [ Y] No |

## SPECIFIC COMMENTS TO AUTHORS

Comments, observations and recommendations of the Reviewer  Criteria Checklist for New Manuscript Peer-Review  To review a manuscript and ensure the integrity and quality of the process, the Peer-Reviewer should guide their review activities by the following two questions:  (1)   Is the manuscript important/innovative and why?  The manuscript is important and innovative because the authors present the case of a labile adult patient with comorbidities of a malignant liver tumor, who underwent resection of a liver segment with robotic-assisted laparoscopic surgery, under locoregional anesthesia (epidural combined with subarachnoid). The objective was to avoid complications of general anesthesia in this type of labile patients with cardiopulmonary comorbidities, achieving the objective. Of which in world literature, there are very few reports. (2)   In particular, does it contain new concepts, hypotheses, and/or mechanistic, diagnostic or therapeutic information, or does it represent a state-of-the-art review of the topic?  They include new concepts on treatment: robotic surgery of the abdominal cavity (hepatic) with the patient awake (conscious sedation), under loco-regional anesthesia (epidural-spinal).  (3)      and (2) Is the manuscript well,

concisely, and coherently organized and presented?  Yes, the manuscript is presented in a concise and coherent manner, which requires improvement actions.      In addition, the Peer-Reviewer should perform the review of a manuscript according to the criteria checklist, itemized below:  1 Title. Does the title reflect the main subject/hypothesis of the manuscript?  Yes.   2 Abstract. Does the abstract summarize and reflect the work described in the manuscript?  The Abstract should improve the Case Summary section in the following:  The acronyms used should add the full meaning (HCC, HCV and NSQIP) and add that locoregional anesthesia is complemented with conscious sedation. Likewise in the section: Conclusion, add the complement of conscious sedation.   3 Key Words. Do the key words reflect the focus of the manuscript?  I suggest to the authors, add:   Locoregional Anesthesia, Conscious Sedation.   4 Background.  Does the manuscript adequately describe the background, present status and significance of the study?  It remains to state more explicitly the concept of locoregional anesthesia, complemented by the concept of conscious sedation and to include at least some of the previous references, for example this doi: 10.1016/j.eucr.2022.102008.  5 Methods. Does the manuscript describe methods (e.g., experiments, data analysis, surveys, and clinical trials, etc.) in adequate detail?  In a case report, it is important to include figures demonstrating the case, which are missing from this manuscript, as well as the histopathological report of the surgical specimen.  Thus, the use of acronyms must include the meaning of each one when they are used for the first time.  There are also some spelling errors, for example: "Figura", and it must be Figure.  6 Results. Are the research objectives achieved by the experiments used in this study?   Because it is a case report, this section does not apply.  What are the contributions that the study has made for research progress in this field?  The contribution of this case report is important, since it is one of the first cases where a patient undergoes treatment with robotic surgery under locoregional anesthesia and conscious sedation.  7 Discussion.  Does the

manuscript interpret the findings adequately and appropriately, highlighting the key points concisely, clearly and logically? Yes. Are the findings and their applicability/relevance to the literature stated in a clear and definite manner? Yes. Is the discussion accurate and does it discuss the paper's scientific significance and/or relevance to clinical practice sufficiently? Yes, Just add some previous reports of similar cases to the Discussion. 8 Illustrations and tables. Are the figures, diagrams, and tables sufficient, good quality and appropriately illustrative, with labeling of figures using arrows, asterisks, etc, and are the legends adequate and accurately reflective of the images/illustrations shown? No. There is a lack of demonstrative figures of the clinical case, diagnostic images and images of the surgery: intraoperative. The two figures presented are missing the name of the abscissa component. 9 Biostatistics. Does the manuscript meet the requirements of biostatistics? Because it is a case report, this section does not apply. 10 Units. Does the manuscript meet the requirements of use of SI units? Yes. 11 References. Does the manuscript appropriately cite the latest, important and authoritative references in the Introduction and Discussion sections? Does the author self-cite, omit, incorrectly cite and/or over-cite references? It is necessary to add references to some previous reports of similar cases. The authors are also requested to provide the complete wording as required by the Journal of the references: 3, 8, 9, 12 and 20. 12 Quality of manuscript organization and presentation. Is the manuscript well, concisely and coherently organized and presented? Yes, with the previously mentioned improvements. Is the style, language and grammar accurate and appropriate? There are some flaws in these aspects of the writing, the authors are invited to thoroughly review the manuscript while carrying out improvement actions. 13 Research methods and reporting. Authors should have prepared their manuscripts according to BPG's standards for manuscript type and the appropriate topically-relevant category, as follows: (1) CARE Checklist (2013) - Case report; (2) CONSORT 2010 Statement - Clinical

Trials study, Prospective study, Randomized Controlled trial, Randomized Clinical trial; (3) PRISMA 2009 Checklist - Evidence-Based Medicine, Systematic review, Meta-Analysis; (4) STROBE Statement - Case Control study, Observational study, Retrospective Cohort study; and (5) The ARRIVE Guidelines - Basic study. For (6) Letters to the Editor, the author(s) should have prepared the manuscript according to the appropriate research methods and reporting. Letters to the Editor will be critically evaluated and only letters with new important original or complementary information should be considered for publication. A Letter to the Editor that only recapitulates information published in the article(s) and states that more studies are needed is not acceptable? Yes.    14 Ethics statements. For all manuscripts involving human studies and/or animal experiments, author(s) must submit the related formal ethics documents that were reviewed and approved by their local ethical review committee. Did the manuscript meet the requirements of ethics? Yes.     Manuscript Peer-Review  Specific Comments To Authors:*  Please make your specific comments/suggestions to authors based on the above-listed criteria checklist for new manuscript peer-review and the below-listed criteria for comments on writing. The criteria for writing comments include the following three features:    First, what are the original findings of this manuscript? What are the new hypotheses that this study proposed? What are the new phenomena that were found through experiments in this study? What are the hypotheses that were confirmed through experiments in this study?  These aspects do not apply, it is a case report manuscript.  Second, what are the quality and importance of this manuscript? What are the new findings of this study? What are the new concepts that this study proposes? What are the new methods that this study proposed? Do the conclusions appropriately summarize the data that this study provided? What are the unique insights that this study presented? What are the key problems in this field that this study has solved?  These aspects do not apply, it is a case report manuscript.  Third, what are

the limitations of the study and its findings? What are the future directions of the topic described in this manuscript? What are the questions/issues that remain to be solved? What are the questions that this study prompts for the authors to do next? How might this publication impact basic science and/or clinical practice? These aspects do not apply, it is a case report manuscript. The Reviewer.