

Response to Reviewer

Title: Nurse anesthetists' perceptions and experiences of managing emergence delirium: a qualitative study

MS Number: 91710

Authors: Yi Xin, Fu-Cai Lin, Chen Huang, Bin He, Shuo Wang, Ya-Ling Yan, Guang-Ming Zhang, Rui Li

The authors appreciate the professional comments from the reviewers. This report provides detailed response to the comments by the reviewers. Accordingly, significant improvement was made in the manuscript to address these points. The changes made in the revised manuscript are highlighted in yellow and please find our response to the comments as detailed below:

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors:

In this study, the authors investigated the anesthetic nurses' cognition and management experiences of emergence delirium. The data were collected using a semi-structured interview method. The interview was conducted according to the semi - structured interview guide. The findings are interesting, and well discussed. Overall, the manuscript is well written, and is acceptable. The reviewer recommends to accept this study after a minor revision: 1. The manuscript requires a minor editing. Firstly, the format should be updated according to the journal's guideline. Secondly, some minor language polishing should be corrected. 2. Too many subtitles in the main text. Please try to go short the subtitles. 3. References list is updated, but requires an editing.

R1Q1: The manuscript requires a minor editing. Firstly, the format should be updated according to the journal's guideline. Secondly, some minor language polishing should be corrected.

AUTHORS REPLY: We would like to express our gratitude to the peer reviewers for their comments. We have updated and revised the manuscript format in accordance with the "Guidelines and Requirements for Manuscript Revision: Observational Study." All nine major sections required by the Chinese standards have been amended. Key format revisions include: the addition of a Running title, bold-faced author names, inclusion of the corresponding author's ORCID number, detailed explanations for shared first authorship and co-corresponding authors, compliance with the abstract word count requirements, inclusion of statistical analysis descriptions for quantitative data, addition of manuscript highlights and an acknowledgments section, incorporation of footnotes, and repositioning of two tables to the end of the document. The manuscript has been professionally language-edited and polished, with an accompanying language editing certificate provided.

R1Q2: Too many subtitles in the main text. Please try go short the subtitles.

AUTHORS REPLY: We gratefully acknowledge the comments provided by the reviewers and have refined and consolidated the following content accordingly.

Materials and Methods section: Originally consisting of five subsections, this has been streamlined into three, with the study subjects, data collection, and ethical considerations now amalgamated into a single subsection.

Results section: Formerly presented with four themes and thirteen subthemes, this has been condensed into four themes and eight subthemes, each

undergoing minor modifications to the titles. For instance, the subthemes “Insufficient identification” and “Empirical judgment” have been merged into “Empirical identification”; “Safety first principle” and “Humanized Care Nursing” have been combined into “Patient-Centered safe care”; the subtheme “Low level of medical-nursing collaboration” has been integrated into “Heavy work responsibilities”; and “Anticipation of early prediction tools and prevention strategies” along with “In anticipation of efficient assessment tools” have been fused into “Expecting the construction of predictive assessment tools and prevention strategies”; the subthemes “Requirement for formalized management procedures” and “Aspiring to enhance delirium management capabilities” have been unified into “Pursuing standardized management processes to enhance management effectiveness”. Due to the merging and modification of subtheme content, there have also been minor changes to the themes themselves. For example, the theme “Managing the complex and variable nature of emergence delirium” has been revised to “Inefficient cognition hinders the identification of emergence delirium”; the theme “Diverse management requirements” has been updated to “Demand for high-quality management”. Although the aforementioned content has been condensed, critical information has been retained.

R1Q3: References list is updated, but requires an editing.

AUTHORS REPLY: We are thankful for the reviewers' suggestions. Based on the "Format for References Guidelines," we have revised the reference format of our paper, including adding PMID and DOI numbers, listing all authors of the references, and supplying the source website URLs for references lacking PMIDs and DOIs. Moreover, we employed a reference management software to edit the references.

Thank you again for your positive and constructive comments and suggestions on our manuscript.