

PEER REVIEW HISTORY

BMJ Paediatrics Open publishes all reviews undertaken for accepted manuscripts. Reviewers are asked to complete a checklist review form and are provided with free text boxes to elaborate on their assessment. These free text comments are reproduced below.

ARTICLE DETAILS

TITLE (PROVISIONAL)	Cumulative Sucrose Exposure for Repeated Procedural Pain in Preterm Neonates and Neurodevelopment at 18-Months Corrected Age: A Prospective Observational Longitudinal Study
AUTHORS	Ballantyne, Marilyn Bueno, Mariana Campbell-Yeo, Marsha Estabrooks, Carole Gibbins, Sharyn Harrison, Denise McNair, Carol Riahi, Shirine Squires, Janet Synnes, Anne Taddio, Anna Victor, Charles Yamada, Janet Stevens, Bonnie

VERSION 1 – REVIEW

REVIEWER	Dr. Mats Eriksson Örebro University Faculty of Medicine and Health School of Health Sciences Örebro S-701 82 Sweden
REVIEW RETURNED	20-May-2024

GENERAL COMMENTS	<p>Thank you for the opportunity to review this manuscript. Since the submission has a supplement with Response to reviewer comments, I understand that this is a revised version, though I cannot see the first version, nor highlighted changes. Since the Reviewers comments are rather detailed and you have answered them thoroughly, I have read the manuscript as a new-to-me manuscript and simultaneously double-checked your actions to the first round of reviewer comments.</p> <p>In my opinion you have given accurate answer to the first reviewers comments and made changes accordingly. I also find the manuscript well written and clear. I only have one further comment:</p> <p>I understand the importance of being careful with conclusions, however I think you are a bit too cautious. Your study suggests that it is safe to use sucrose as a pain-relieving intervention to preterm infants in at least the doses registered in the study. This could be more explicit expressed in the Conclusion and in the How this study might affect research, practice and policy, to ensure that all preterm infants receive adequate pain relief.</p>
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REVIEWER	Dr. karel allegaert KU Leuven development and regeneration University Hospitals Leuven Neonatal intensive care unit Herestraat 49 Leuven 3000 Belgium
REVIEW RETURNED	25-Jun-2024
GENERAL COMMENTS	I was not involved as reviewer in the initial assessment, but highly value the pragmatic and still accurate approach taken to generate safety data related to the (need to) use of sucrose. I have carefully read the rebuttal, as well as the revised version of the paper, and i don't have additional comments or questions.

VERSION 1 – AUTHOR RESPONSE

None