

RESPONSE TO REVIEWERS

6th March, 2015

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: *NAVA Editorial. Revision 1.doc*).

Title: Neurally Adjusted Ventilator Assist in Very Low Birth Weight Infants: Current Status.

Author: Fares Chedid, Hassib Narchi

Name of Journal: *World Journal of Methodology*

ESPS Manuscript NO: 16094

The manuscript has been improved and revisions have been made according to the suggestions of the reviewers. They are described below and have been highlighted in the attached revised manuscript.

I- The reviewer had suggested adding 4 extra references. After carefully reading those 4 papers, we decided to include only one (second reference) based on the comments hereby highlighted:

1- *Successful weaning and extubation in the premature newborn using neurally adjusted ventilatoryassist*]. García-Muñoz Rodrigo F, Rivero Rodríguez S, Florido Rodríguez A, Martín Cruz FG, Díaz Pulido R. *An Pediatr (Barc)*. 2015 Jan;82(1):e126-30. doi: 10.1016/j.anpedi.2014.01.024.

The article describes 2 case reports that were successfully weaned using NAVA. It adds nothing to the literature and it is of lower level of evidence. We therefore have respectfully decided not to include it in the revised editorial.

2- *Application of neurally adjusted ventilatory assist in neonates*. Stein H, Firestone K. *Semin Fetal Neonatal Med*. 2014 Feb;19(1):60-9.

We agree that this reference is important and we have therefore decided to include it in the revised editorial.

3- *Mechanical ventilation of the premature neonate*. Brown MK, DiBlasi RM. *Respir Care*. 2011 Sep;56(9):1298-311; discussion 1311-3. doi: 10.4187/respcare.01429.

This is just a review article about assisted ventilation in general with no additive information. We therefore have respectfully decided not to include it in the revised editorial.

4- *Neurally triggered breaths reduce trigger delay and improve ventilator response times in ventilated infants with bronchiolitis*. Clement KC, Thurman TL, Holt SJ, Heulitt MJ. *Intensive Care Med*. 2011 Nov;37(11):1826-32. doi: 10.1007/s00134-011-2352-8.)"

This is not related to newborn infants. We therefore have respectfully decided not to include it in the revised editorial.

II- In the revision, we analyze in more depth some important aspects of NAVA, as suggested by the reviewer.

III- In support of the clarifications made, we have added new references (marked in red) to the invited editorial.

The modifications made in the revised manuscript are highlighted in red.

We would like to thank you and the reviewers for your useful comments, which will enhance the quality of the manuscript. We also thank you for publishing our manuscript in the *World Journal of Methodology*

Sincerely yours,



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