Author's response to reviews

Title: A case of acute COPD exacerbation complicated by overlap syndrome in which the use of a Respironics V60 Ventilator in average volume-assured pressure support mode was useful in correcting sleep-related hypoventilation: a case report

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Author's response to reviews: see over
Dear Professor Michael kidd AM,

Enclosed please find a copy of our manuscript entitled, “A case of acute COPD exacerbation complicated by overlap syndrome in which the use of a Respironics V60 Ventilator in average volume-assured pressure support mode was useful in correcting sleep-related hypoventilation which we would like to submit for publication in Journal of medical case reports.

In this study, we present our findings on a case in which a patient with severe acute respiratory failure requiring full-time NPPV therapy also showed sleep disordered breathing (SDB) due to heart failure or chronic respiratory failure, requiring the use of different ventilator settings for waking and sleeping. On such occasions, ventilators equipped with an AVAPS mode in the Respironics V60 Ventilator (Philips Respironics), may be useful and may achieve good patient compliance, because that mode allows ventilation to be maintained by automatically adjusting inspiratory force to within an acceptable range whenever ventilation falls below target level. We believe that our study would be of interest to the readers of your journal because using the described method/ the AVAPS mode allows for treatment of a patient with acute exacerbation of COPD without having to change the NPPV settings during the day and during sleep, which allows a target tidal volume to be set based on automatic changes in inspiratory positive airway pressure (IPAP).

The work presented herein is original, has not been previously published in whole or in part, and is not under consideration for publication at any other journal. We would like to thank you in advance for considering this manuscript. Please feel free to contact me if you have any questions or require further information. I will send the paper which corrected the item which you pointed out.

Sincerely,
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