Swallowing dysfunction in patients hospitalised due to a COPD exacerbation

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Received: 18 Aug 2021
Accepted: 19 Aug 2021

From the authors:

We thank N. Terzi and co-workers for taking an interest in our work and for their valuable comments. Although there are many studies on the coordination of breathing and swallowing, there is still much to investigate and learn about swallowing function in stable and acute COPD. In fact, few published studies have investigated swallowing function in patients hospitalised due to an acute illness other than stroke [1] and this is true for COPD patients with an acute exacerbation [2–4]. There is also much to learn regarding patient-reported outcomes, which was one focus of our study.

We are very pleased to hear that N. Terzi and co-workers research group has performed an interventional study on COPD patients admitted to the intensive care unit for an acute exacerbation of the disease and investigated swallowing function during noninvasive ventilation (NIV) [5]. NIV is often used on patients with hypercapnia in order to assist breathing, and as a result a more optimal breathing process facilitates the swallowing function. The fact that the patients chose to switch off the ventilator during swallowing, and turning it back on immediately after, opens up opportunities for the patients to control the treatment in an optimal way. Hopefully this will be part of the treatment in the future.

Taken together, our study [6] and the results presented by N. Terzi and co-workers show that swallowing dysfunction is common in COPD patients with severe exacerbations, but also that this kind of dysfunction is potentially correctable, at least in some patients. Further intervention studies on this topic are urgently needed.

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Provenance: Invited article, peer reviewed.

Conflict of interest: None declared.

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Swallowing dysfunction is common in COPD patients with severe exacerbations but this kind of dysfunction is potentially correctable, at least in some patients. Further interventional studies on this topic are urgently needed. <https://bit.ly/3mFKNq1>

Cite this article as: Gonzalez Lindh M, Janson C, Koyi H. Swallowing dysfunction in patients hospitalised due to a COPD exacerbation. *ERJ Open Res* 2021; 7: 00515-2021 [DOI: 10.1183/23120541.00515-2021].

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