

CORRECTION

Open Access



Correction to: Peri-operative diaphragm ultrasound as a new method of recognizing post-operative residual curarization

Jiaxin Lang¹, Yuchao Liu¹, Yuelun Zhang², Yuguang Huang¹ and Jie Yi^{1*}

Correction to: BMC Anesthesiol 21, 287 (2021)
<https://doi.org/10.1186/s12871-021-01506-3>

Following publication of the article [1], it was noted that in Table 1 postoperative diaphragmatic parameters (including thickening fraction, diaphragm excursion (QB), diaphragm excursion (DB), diaphragm excursion fraction, and diaphragm excursion difference) in PORC (Post-operative residual curarization) group and non-PORC group have been swapped with each other by mistake. Table 1 in this correction article is the correct version. We apologize for any inconvenience caused by this error.

The original article [1] has been updated.

Author details

¹Department of Anesthesiology, Chinese Academy of Medical Science, Peking Union Medical College Hospital, No 1, Shuaifuyan, Dongcheng district, Beijing 100730, China. ²Medical Research Center, Chinese Academy of Medical Science, Peking Union Medical College Hospital, Beijing 100730, China.

Published online: 14 January 2022

The original article can be found online at <https://doi.org/10.1186/s12871-021-01506-3>.

*Correspondence: easyue@163.com

¹ Department of Anesthesiology, Chinese Academy of Medical Science, Peking Union Medical College Hospital, No 1, Shuaifuyan, Dongcheng district, Beijing 100730, China

Full list of author information is available at the end of the article



© The Author(s) 2022. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated in a credit line to the data.

Table 1 Clinical characteristics and baseline ultrasound indicators between patients with and without residual neuromuscular blockade.

	non-PORC group (N=34)	PORC group (N=41)	P-value
Female (%)	58.8	73.1	0.131
Age ^a	36.4±11.5	41.4±10.2	0.065
ASA I (%)	73.5	65.9	0.616
Body mass index (kg/m ²)	22.95±3.82	23.58±3.01	0.429
Fentanyl dose ^a (µg)	224.3±93.8	212.8±32.2	0.932
Rocuronium/weight ^a (mg/kg)	0.71±0.15	0.74±0.13	0.239
Anaesthesia time ^a (minute)	87.6±30.9	73.2±18.9	0.042
Pre-Thickening fraction ^a	0.50±0.27	0.53±0.23	0.252
Pre-Diaphragm excursion (QB)	1.53±0.47	1.45±0.43	0.466
Pre-Diaphragm excursion (DB)	4.88±1.21	4.70±1.14	0.518
Pre-Diaphragm excursion fraction	0.32±0.10	0.32±0.09	0.821
Pre-Diaphragm excursion difference	3.35±1.11	3.25±1.04	0.684
O/AAS-extubation ^a	1.2±0.4	1.5±0.5	0.155
TOFr at extubation	95.8±7.5	53.4±21.9	<0.001
Thickening fraction ^a	0.44±0.22	0.34±0.18	0.039
Diaphragm excursion (QB)	1.48±0.56	1.46±0.52	0.868
Diaphragm excursion (DB)	4.11±0.97	2.89±1.37	<0.001
Diaphragm excursion fraction	0.36±0.12	0.56±0.19	<0.001
Diaphragm excursion difference	2.63±0.82	1.43±1.10	<0.001

^a Abnormal distribution, Mann-Whitney rank sum test was used in group comparison

Abbreviations: ASA American Society of Anesthesiologists classification of physical status, QB quiet breathing, DB deep breathing.