# CORRECTION Open Access



# Correction to: Clinical, radiological and functional outcomes in patients with SARS-CoV-2 pneumonia: a prospective observational study

Pietro Gianella<sup>1,2</sup>, Elia Rigamonti<sup>1†</sup>, Marco Marando<sup>1\*†</sup>, Adriana Tamburello<sup>1</sup>, Lorenzo Grazioli Gauthier<sup>1</sup>, Gianluca Argentieri<sup>3</sup>, Carla Puligheddu<sup>3</sup>, Alberto Pagnamenta<sup>4,5</sup>, Marco Pons<sup>1,2,6</sup> and Tanja Fusi-Schmidhauser<sup>1</sup>

# Correction to: BMC Pulm Med (2021) 21:136 https://doi.org/10.1186/s12890-021-01509-3

Following publication of the original article, the authors flagged that a calculation error had been made in the calculation of quality of life scores in Table 5 (specifically, of SF-12).

The table has been corrected in the published article and it may be found below.

As before, 31 patients (79.5%) presented an abnormal total score in the St. George's Respiratory Questionnaire. Concerning SF-12, the authors have split it in its physical and mental components and corrected a critical error in calculating the scores. At 3 months, 19 (48.7%) and 12 (30.8%) patients had an abnormal SF-12 score in physical and mental components, respectively. Still, the authors

have not found any significant difference in SF-12 scores among those who showed radiological improvement at 3 months. The other findings related to quality-of-life outcomes remained similarly unchanged. Finally, the authors have updated the normal values choosing those widely accepted in literature, removed the speculative analysis comparing overall results with the aforementioned normal values and, since the distribution was not normal, chosen to describe the data as median and interquartile range.

The authors thank you for reading this correction and apologize for any inconvenience caused.

The original article can be found online at https://doi.org/10.1186/s12890-021-01509-3.

<sup>&</sup>lt;sup>1</sup> Department of Internal Medicine, Ospedale Regionale di Lugano, Ente Ospedaliero Cantonale, Via Tesserete 46, 6900 Lugano, Switzerland Full list of author information is available at the end of the article



© The Author(s) 2021. **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 partial 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.

<sup>\*</sup>Correspondence: marco.marando@eoc.ch

<sup>&</sup>lt;sup>†</sup>Elia Rigamonti and Marco Marando have contributed equally to this work

Gianella et al. BMC Pulm Med (2021) 21:340 Page 2 of 2

**Table 5** QoL assessment at three months

	Normal value	Overall (39)	CT improving at 3 mo (31)	CT not improving at 3 mo (8)	P value
St George symptoms (median and 25th–75th)	12 (9–15)	16.3 (10.4–29.8)	16.3 (10.4–29.8)	20.5 (6.5–31.7)	0.84
St George activity (median and 25th-75th)	9 (7-12)	19 (12.2-41.4)	18.1 (6.3–35.5)	40.1 (18.8-69.6)	0.08
St George impact (median and 25th–75th)	2 (1-3)	4 (0-11.5)	2 (0-8.2)	12.2 (0-414)	0.13
St George total (median and 25th–75th)	6 (5–7)	9.9 (7.7–21)	9.9 (7.2–16.2)	20.4 (8.1-50.5)	0.16
Abnormal St. George total (n and %)	=	31 (79.5)	24 (77.4)	7 (87.5)	1
SF-12 physical (median and 25th–75th)	>50	50.5 (36.1-55)	53.1 (41.9–56)	32.5 (28.9–52.5)	0.051
SF-12 mental (median and 25th–75th)	>50	54.9 (43.5-59.9)	57.5 (49–59.9)	53.1 (41.4–58.9)	0.64
Abnormal SF-12 physical (n and %)	_	19 (48.7)	14 (45.2)	5 (62.5)	0.45
Abnormal SF-12 mental (n and %)	-	12 (30.8)	9 (29)	3 (37.5)	0.68

### **Author detail**

<sup>1</sup>Department of Internal Medicine, Ospedale Regionale di Lugano, Ente Ospedaliero Cantonale, Via Tesserete 46, 6900 Lugano, Switzerland. <sup>2</sup>Division of Pneumology, Ospedale Regionale di Lugano, Ente Ospedaliero Cantonale, Lugano, Switzerland. <sup>3</sup>IIMSI - Radiology Department, Ospedale Regionale di Lugano, Ente Ospedaliero Cantonale, Lugano, Switzerland. <sup>4</sup>Department of Intensive Care, Intensive Care Unit Ospedale Regionale di Mendrisio, Ente Ospedaliero Cantonale, Lugano, Switzerland. <sup>5</sup>Unit of Biostatistics, Ente Ospedaliero Cantonale, BellinzonaLugano, Switzerland. <sup>6</sup>Division of Pneumology, University of Geneva, Geneva, Switzerland.

Published online: 01 November 2021

## **Publisher's Note**

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

# Ready to submit your research? Choose BMC and benefit from:

- fast, convenient online submission
- thorough peer review by experienced researchers in your field
- rapid publication on acceptance
- support for research data, including large and complex data types
- gold Open Access which fosters wider collaboration and increased citations
- maximum visibility for your research: over 100M website views per year

### At BMC, research is always in progress.

**Learn more** biomedcentral.com/submissions

