

CORRECTION

Open Access



Correction: Association between periodontitis and temporomandibular joint disorders

Shaotai Wang^{1,2}, Huan Jiang^{1,2*}, Huichuan Qi^{1,2}, Danfeng Luo^{1,2}, Tianyuan Qiu^{1,2} and Min Hu^{1,2*}

Correction: Arthritis Res Ther 25, 143 (2023)
<https://doi.org/10.1186/s13075-023-03129-0>

Following publication of the original article [1], the authors reported an error under heading Introduction.

The sentence currently reads:

17 studies were included (13 cross-sectional and 4 cohorts), indicating that multiple sclerosis patients are more likely to suffer from periodontal diseases and TMD [7]. TMD and periodontal disease might be the first symptoms of several rheumatic diseases [8].

The sentence should read:

Unilateral mastication due to PD could induce pain and structural changes in the temporomandibular joint [7]. In addition to clinical observational studies, two symptoms often occur together in many diseases, such as rheumatic diseases [8, 9] and multiple sclerosis [10].

Updated references:

7. Jeon HM, Ahn YW, Jeong SH, Ok SM, Choi J, Lee JY, Joo JY, Kwon EY: Pattern analysis of patients with temporomandibular disorders resulting from unilateral mastication due to chronic periodontitis. *J Periodontal Implant Sci* 2017, 47(4):211-218.

8. Gualtierotti R, Marzano AV, Spadari F, Cugno M: Main Oral Manifestations in Immune-Mediated and Inflammatory Rheumatic Diseases. *Journal of clinical medicine* 2018, 8(1).

9. González-Chávez SA, Pacheco-Tena C, Campos Torres RM, Quiñonez-Flores CM, Reyes-Cordero G, Caraveo Frescas TJ: Temporomandibular and Odontological Abnormalities in Patients with Rheumatoid Arthritis. *Reumatol Clin (Engl Ed)* 2020, 16(4):262-271.

10. Al-Ansari A: Is there an association between multiple sclerosis and oral health? *Evidence-based dentistry* 2021, 22(1):44-45.

The original article [1] has been updated.

The original article can be found online at <https://doi.org/10.1186/s13075-023-03129-0>.

*Correspondence:

Huan Jiang
jianghuan@jlu.edu.cn
Min Hu
humin@jlu.edu.cn

¹ Department of Orthodontics, Hospital of Stomatology, Jilin University, Changchun 130021, China

² Jilin Provincial Key Laboratory of Tooth Development and Bone Remodeling, Changchun 130021, China

Published online: 21 October 2023

Reference

1. Wang S, Jiang H, Qi H, et al. Association between periodontitis and temporomandibular joint disorders. *Arthritis Res Ther.* 2023;25:143. <https://doi.org/10.1186/s13075-023-03129-0>.



© The Author(s) 2023. **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.