Anwar et al., ***BioImpacts.*** 2026;16:35771
doi: 10.34172/bi.35771
https://bi.tbzmed.ac.ir/

Correction to: Sustained release microneedle patch for pronounced systemic delivery of doxazosin mesylate

Imran Anwar[1], Nadiah Zafar[2*], Asif Mahmood[3], Zulcaif[4*]

[1]Faculty of Pharmacy, The University Lahore, Lahore, Pakistan
[2]Department of Pharmaceutics, Faculty of Pharmacy, Universiti Teknologi MARA Selangor, Puncak Alam Campus, Bandar Puncak Alam, Malaysia
[3]Department of Pharmacy, University of Chakwal, Chakwal, Pakistan
[4]Riphah Institute of Pharmaceutical Sciences (RIPS), Riphah International University, Lahore Campus, Lahore, Pakistan

Article Info



Article Type:
Correction

Article History:
ePublished: 24 Nov. 2026

Correction

This corrects the article "Sustained release microneedle patch for pronounced systemic delivery of doxazosin mesylate" published in *BioImpacts*. 2025;15:30257 (doi: 10.34172/bi.30257). After a research integrity inquiry by the publisher, in line with COPE guidelines, following is the point-by-point response to each concern, accompanied by all relevant original data, raw images, and any supporting documentation:

1. **Figure 1: Similarity between Panels B (SRF-4) and D (SRF-6).** Upon reviewing the original figure preparation, we identified an inadvertent error during the compilation of the figure. Due to the availability of a larger set of raw images, an incorrect image was mistakenly selected and placed during figure assembly. We have now corrected this error and are providing an updated Figure 1 with this response. We would like to clarify that Figure 1 was intended solely to demonstrate the general physical appearance of the prepared microneedle patches. The error occurred during figure preparation and did not involve the experimental procedures, characterization, or analytical data. The respective formulations were prepared and evaluated independently, as described in the manuscript.

2. **Figure 3: Similarity of Panel D.** Upon reviewing the original figure and manuscript, we acknowledge that Panel D was inadvertently included during figure preparation. This panel is unrelated to the experiments reported in the present study and was not discussed or used as a basis for any analysis or interpretation in the main text. We have therefore removed Panel D from the revised Figure 3 and updated the caption of Figure 3. The authors thank the Research Integrity Group for drawing these issues to their attention and apologize for the errors.

Publisher Note: This has now been corrected in the PDF and HTML versions of the article.

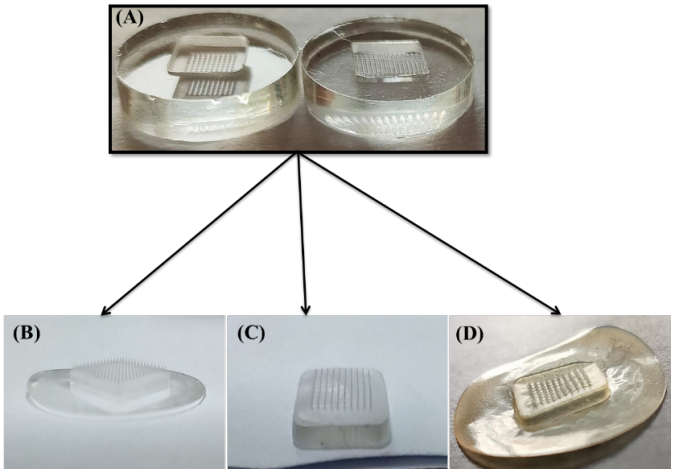

Fig. 1. Developed sustained release microneedle patches, A) molds, B) SRF-4, C) SRF-5 and D) SRF-6.

*Corresponding authors: Nadiah Zafar, Email: nadiahnoor99@gmail.com and Zulcaif, Email: zulcaifa@gmail.com

© 2026 The Author(s). This work is published by BioImpacts as an open access article distributed under the terms of the Creative Commons Attribution Non-Commercial License (http://creativecommons.org/licenses/by-nc/4.0/). Non-commercial uses of the work are permitted, provided the original work is properly cited.

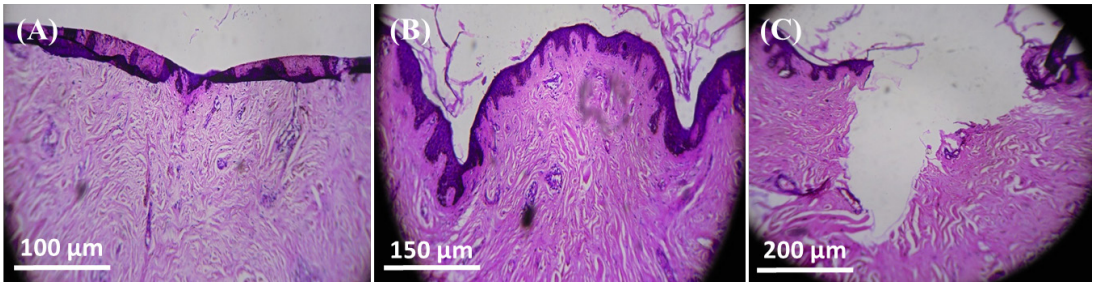

Fig. 3. Penetration study of sustained release microneedle patch (SRF-6), A) before application patch B) after application of patch for 30 sec, C) after application of patch for 1 minute.