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© 2022 Chen, Wang, Liu, Tsai, Wu, Hsieh, Wei, Shih, Shiao, Hwang, Wu, Hsu and Chang. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms. Corrigendum: Artificial intelligence-assisted remote detection of ST-elevation myocardial infarction using a mini-12-lead electrocardiogram device in prehospital ambulance care

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artificial intelligence (AI), contact-to-balloon (C2B) time, convolutional neural network and long short-term memory (CNN-LSTM), prehospital 12-lead ECGs, ST-elevation myocardial infarction (STEMI)

A corrigendum on

Artificial intelligence-assisted remote detection of ST-elevation myocardial infarction using a mini-12-lead electrocardiogram device in prehospital ambulance care

by Chen, K.-W., Wang, Y.-C., Liu, M.-H., Tsai, B.-Y., Wu, M.-Y., Hsieh,P.-H., Wei, J.-T., Shih, E. S. C., Shiao, Y.-T., Hwang, M.-J., Wu Y.-L., Hsu, K.-C., and Chang, K.-C. (2022). *Front. Cardiovasc. Med.* 9:1001982. doi: 10.3389/fcvm.2022.1001982

In the original article, there was an error in Figure 1: "The flowchart of the AI-based pre-hospital STEMI detection system" as published. A typo error in the figure read

"Prehospital ECG 12-lead examinectin," and has been corrected "Prehospital 12-lead to figure ECG examination." The corrected appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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vehicle, the ECG data were posted on a secured network for reading by available online physicians as had been usual practice. The time interval between ECG transmission and interpretation feedback by physicians was defined as the physician's response time. In our AI-based pre-hospital STEMI detection system, the recorded signal was also simultaneously transmitted to the AI center of the China Medical University Hospital to be classified "STEMI" or "Not STEMI." Similarly, the time interval between the ECG transmission and the ECG interpretation feedback by the AI was defined as the AI's response time.