

Corrigendum

Corrigendum to “Speckle Tracking Echocardiography Verified the Efficacy of Qianyangyuyin Granules in Alleviating Left Ventricular Remodeling in a Hypertensive Rat Model”

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In the article titled “Speckle Tracking Echocardiography Verified the Efficacy of Qianyangyuyin Granules in Alleviating Left Ventricular Remodeling in a Hypertensive Rat Model” [1], Figures 1 and 8 are incorrect and should be revised as follows.

In Figure 1(b), the graphs for SHR + V were duplicated due to an error when preparing the manuscript. Additionally, in Figure 8, the Smad3 bands were duplicated with the TGF- β bands in error. The corrected Figures 1 and 8 are shown as follows:

Bull’s eye diagram (Figure 1(a)) visually showed the global and 17-segmental longitudinal strains of LV. Red

indicates the normal segmental strain value (absolute value), while the lighter color means the lower strain value. The lower the absolute value, the worse mechanical systolic function of the cardiac segment. The bull’s eye diagram showed uniformly red in WKY group, but many light red regions in the SHR group. The GLS value below the diagram was the average value of the 17-segmental strain in the bull’s eye diagram. Longitudinal strain diagram (Figure 1(b)) showed the 6-segmental strain of a certain chamber (apical 2-, 3-, and 4-chamber views) and the strain curve of each segment with time. The strain curve of each segments was close to the same in WKY rats.

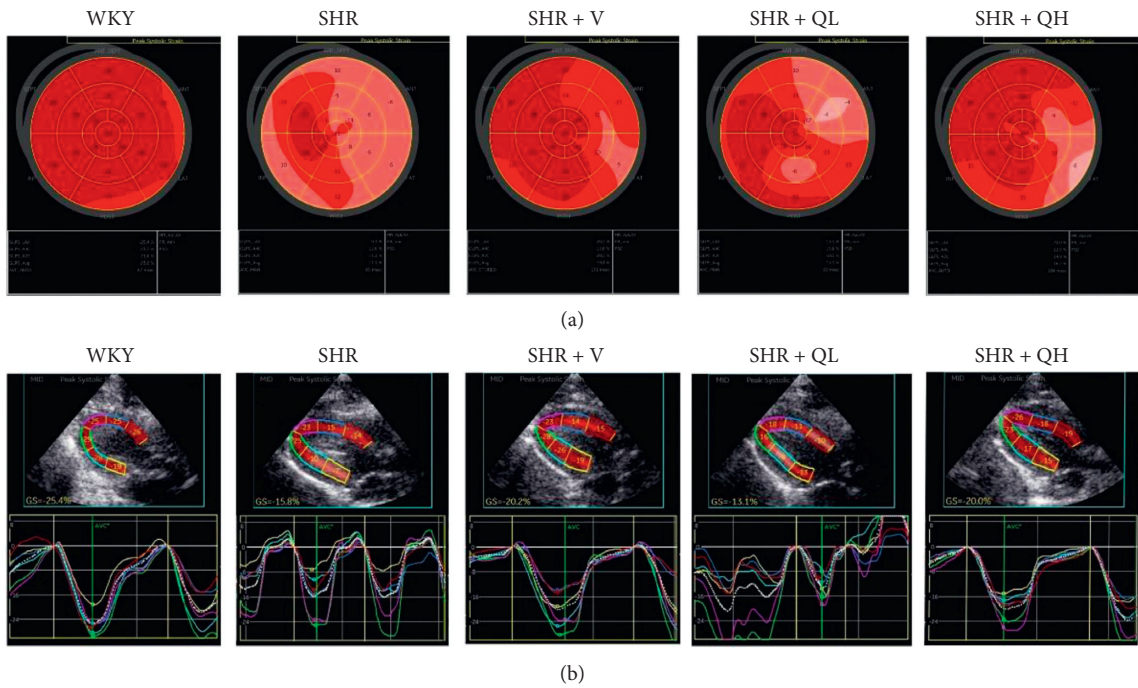


FIGURE 1: Representative pictures of (a) the 17-segment bull's eye diagram and (b) longitudinal strain diagram of the apical 3-chamber among 5 groups following speckle tracking echocardiography.

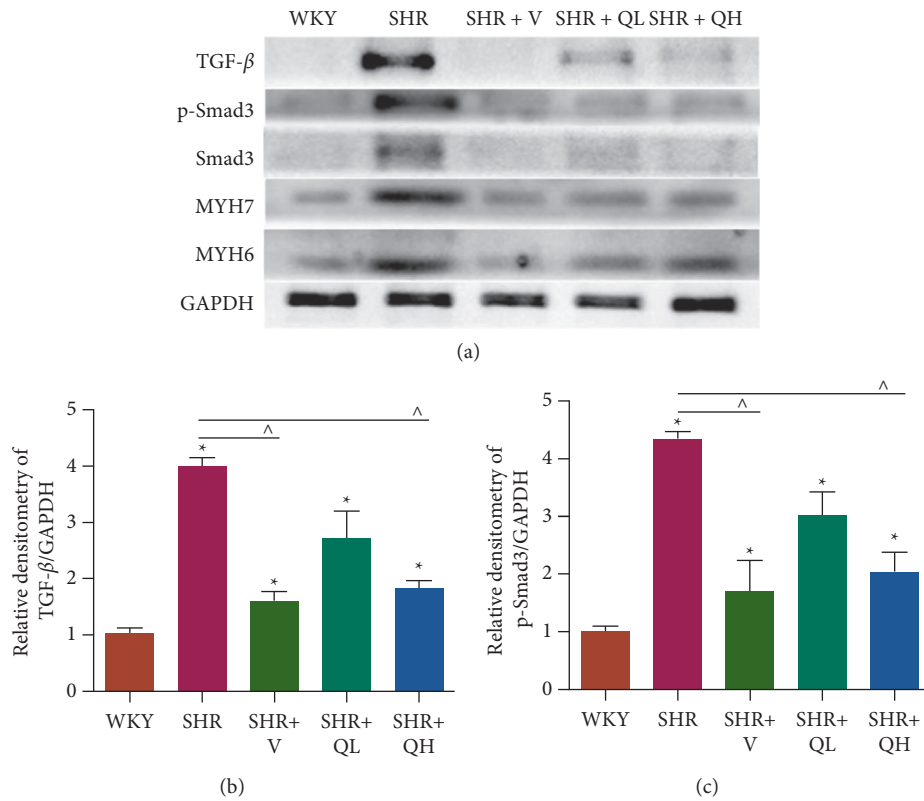


FIGURE 8: Continued.

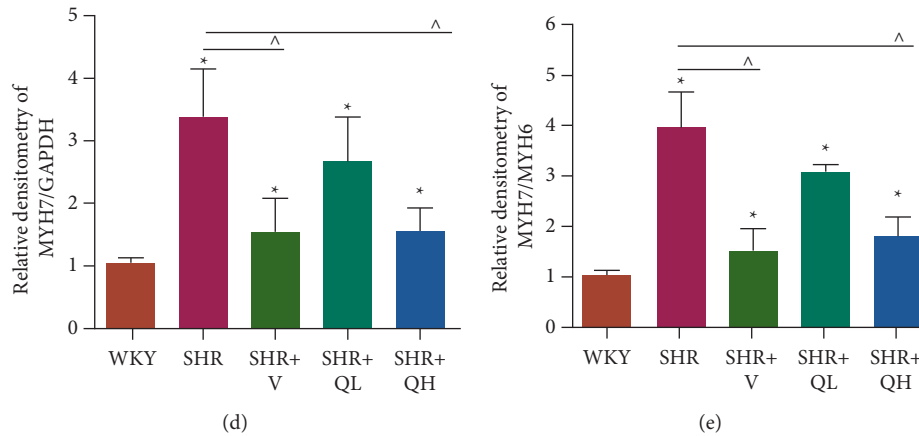


FIGURE 8: QYYY granule downregulated cardiac fibrosis and hypertrophy. Comparing with the SHR group, the expression of (a, b) TGF- β and (a, c) p-Smad 3 proteins, which were the key genes induced in the cardiac fibrosis, significantly reduced in the SHR + QH group by western blot. QYYY granules reduced the level of (a and d) MYH7, and (a, e) the rate of MYH7/MYH6 involved in cardiac hypertrophy in the SHR + QH group when compared with the SHR group by western blot. * $P < 0.05$, compared to the WKY group; ^ $P < 0.05$, compared to the SHR group. $n = 4$ per group. Bull's eye diagram (Figure 1(a)) visually showed the global and 17-segmental longitudinal strains of LV. Red indicates the normal segmental strain value (absolute value), while the lighter color means the lower strain value. The lower the absolute value, the worse mechanical systolic function of the cardiac segment. The bull's eye diagram showed uniformly red in WKY group, but many light red regions in the SHR group. The GLS value below the diagram was the average value of the 17-segmental strain in the bull's eye diagram. Longitudinal strain diagram (Figure 1(b)) showed the 6-segmental strain of a certain chamber (apical 2-, 3-, and 4-chamber views) and the strain curve of each segment with time. The strain curve of each segments was close to the same in WKY rats.

References

- [1] A. He, L. Qian, S. Yan et al., "Speckle tracking echocardiography verified the efficacy of Qianyangyuyin granules in alleviating left ventricular remodeling in a hypertensive rat model," *Evidence-Based Complementary and Alternative Medicine*, vol. 2021, Article ID 5862361, 14 pages, 2021.