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Author Correction: The Association Between Diffuse Myocardial Fibrosis on Cardiac Magnetic Resonance T1 Mapping and Myocardial Dysfunction in Diabetic Rabbits

Mu Zeng, Yingyan Qiao, Zhaoying Wen, Jun Liu, Enhua Xiao, Changlian Tan, Yibin Xie, Jing An, Zishu Zhang, Zhanming Fan & Debiao Li

Correction to: *Scientific Reports* <https://doi.org/10.1038/srep44937>, published online 24 March 2017

This Article contains errors.

It does not specify that the cohort of rabbits used were the same as that in Qiao et al.¹, and that, therefore, some of the data in Table 1 (including LA, IVS, LVPW, LVIDd, LVIs, EF, and FS) had already been published.

As a result, in the Methods section, under the subheading ‘Experimental model’,

“A total of 42 one-year-old male New Zealand white rabbits with a mean weight of 2.5 kg were used, and all animals were provided by the Animal Experiment Center of Clean Grade of Beijing Anzhen Hospital.”

should read:

“The same cohort of 42 one-year-old male New Zealand white rabbits as that presented in Qiao et al.¹ were used. The animals had a mean weight of 2.5 kg, and were provided by the Animal Experiment Center of Clean Grade of Beijing Anzhen Hospital.”

In addition, in the Results section, under the subheading ‘Echocardiography’,

“The morphology and function of the left ventricle (LV) were assessed via conventional echocardiography in both the DM and control groups (Table 1).”

should read:

“The morphology and function of the left ventricle (LV) were assessed via conventional echocardiography in both the DM and control groups (Table 1). Some data (including LA, IVS, LVPW, LVIDd, LVIDs, EF and FS) were republished from our previous article, Qiao et al.¹.”

Finally, an updated version of Table 1, with appropriate referencing is listed below.

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	DM group				Control group			
	Baseline	3 months	6 months	9 months	Baseline	3 months	6 months	9 months
LA (mm) ¹	9.56 ± 0.98	10.56 ± 0.58	9.97 ± 0.86	11.36 ± 0.82	9.95 ± 0.68	9.79 ± 0.81	10.61 ± 0.58	11.56 ± 0.67
IVS (mm) ¹	2.32 ± 0.41	2.43 ± 0.32	2.42 ± 0.51	2.52 ± 0.62	2.63 ± 0.24	2.34 ± 0.32	2.75 ± 0.31	2.86 ± 0.63
LVPW (mm) ¹	2.33 ± 0.51	2.56 ± 0.32	2.78 ± 0.67	2.89 ± 0.43	2.35 ± 0.19	2.67 ± 0.41	2.78 ± 0.53	2.89 ± 0.67
LVIDd (mm) ¹	15.67 ± 0.59	16.67 ± 0.81	16.65 ± 0.78	17.67 ± 0.55	14.75 ± 0.87	15.68 ± 0.85	16.64 ± 0.54	16.98 ± 0.67
LVIDs (mm) ¹	11.67 ± 1.21	12.87 ± 1.16	12.45 ± 1.13	12.67 ± 1.41	11.78 ± 1.32	11.97 ± 1.21	13.67 ± 1.29	12.67 ± 1.26
EF (%) ¹	60.33 ± 4.51	61.33 ± 4.23	62.33 ± 3.57	62.67 ± 4.53	61.53 ± 4.23	63.33 ± 5.51	63.73 ± 4.35	62.37 ± 4.54
FS (%) ¹	31.33 ± 3.16	32.33 ± 3.23	32.78 ± 3.45	34.33 ± 3.32	30.67 ± 3.15	31.54 ± 3.24	35.33 ± 4.51	34.33 ± 3.36
SR	18.63 ± 1.25	18.06 ± 1.50	18.83 ± 1.42	14.33 ± 1.60*	18.46 ± 1.37	18.54 ± 1.60	18.71 ± 1.33	18.35 ± 1.14*
SrR	-8.24 ± 0.64	-8.33 ± 0.53	-6.60 ± 1.17*	-5.01 ± 1.11*	-8.19 ± 0.72	-8.26 ± 0.42	-8.11 ± 1.01*	-8.16 ± 0.60*
ECV	29.96 ± 1.33	32.31 ± 1.54*	35.82 ± 1.41*	39.81 ± 1.63*	30.01 ± 1.21	30.05 ± 1.59*	29.83 ± 1.47*	30.33 ± 1.75*

Table 1. Ultrasonography and CMR parameters. * $p < 0.05$ vs. the control group at the same time point.

Reference

1. Qiao, Y. Y. *et al.* Layer-specific myocardial strain analysis: investigation of regional deformation in a rabbit model of diabetes mellitus during different stages. *Med. Ultrason.* **18**(3), 339–344 (2016).



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