PLOS ONE

CORRECTION

Correction: Sex, pregnancy and aortic disease in Marfan syndrome

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In Table 1, the z-scores for aortic root diameter at baseline were calculated based on an older version of the formula (Roman et al. 1989) instead of the more recent and generally accepted updated formula (Devereux et al. 2012). Please see the corrected Table 1 here.

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Table 1. Characteristics of the aortic root of MFS patients at baseline and after several years of follow-up.

	men	women		
		non-pregnant	pregnant	p-value
n	10	10	10	
age (year)	26 (±10)	27 (±6)	27 (±3)	0.899
aortic root at baseline (mm)	40.8 (±3.52)	36.9 (±2.97)	35 (±3.40)	**0.002**[a]
Z-scores at baseline	2.67 (±1.23)	2.87 (±1.24)	1.76 (±1.40)	0.142
aortic root at follow-up (mm)	42.5 (±2.80)	37.9 (±3.10)	38.7 (±3.52)	**0.007**[b]
follow-up time (year)	5.00 (±2.75)	5.09 (±2.66)	6.63 (±3.74)	0.341
aortic root growth rate (mm/year)	0.36 (±0.35)	0,.2 (±0.39)	0.64 (±0.42)	**0.022**[c]

Results are given as means with the standard deviation between brackets. Significant p-values (<0.05) are indicated in bold.

[a] Values are significantly different between men and non-pregnant and pregnant women (p = 0.040 and p = 0.002, respectively), but not between the non-pregnant and pregnant women (p = 0.623).

[b] Values are also significantly different when pairwise comparing men and non-pregnant and pregnant women (p = 0.010 and p = 0.038, respectively).

[c] Significant difference only between non-pregnant and pregnant women (p = 0.018). No significant difference was observed between men and non-pregnant (p = 0.559) or pregnant women (p = 0.352).

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Reference

1. Renard M, Muiño-Mosquera L, Manalo EC, Tufa S, Carlson EJ, Keene DR, et al. (2017) Sex, pregnancy and aortic disease in Marfan syndrome. PLoS ONE 12(7): e0181166. https://doi.org/10.1371/journal.pone.0181166 PMID: 28708846
2. Devereux R.B. et al., 2012. Normal limits in relation to age, body size and gender of two-dimensional echocardiographic aortic root dimensions in persons ≥15 years of age. The American journal of cardiology, 110(8), pp.1189–1194. https://doi.org/10.1016/j.amjcard.2012.05.063 PMID: 22770936
3. Roman M.J. et al., 1989. Two-dimensional echocardiographic aortic root dimensions in normal children and adults. AJC, 64(8), pp.507–512.