

CORRECTION

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# Correction: Effects of adaptive left bundle branch–optimized cardiac resynchronization therapy: a single centre experience

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Following publication of the original article [1], the author has changed the table 3 and it should read as follows:

**Characteristics** during a follow-up period of 9 months in patients implanted with a CRT-D/P (mean ± SD) (n = 21)

		Total (n = 21)	Group 1 (n = 10)	Group 2 (n = 11)	P value
NYHA classification score	Before procedure	3.36 ± 0.50	3.4 ± 0.55	3.3 ± 0.52	0.840
	3 Months after procedure	2.54 ± 0.52	2.6 ± 0.55	2.5 ± 0.55	0.770
	9 Months after procedure	2.45 ± 0.52	2.4 ± 0.55	2.5 ± 0.55	0.770
	P value	0.000	0.032	0.024	–
LVEDD (mm)	Before procedure	65.1 ± 9.1	68.2 ± 12.3	62.6 ± 5.3	0.336
	3 Months after procedure	63.4 ± 10.1	64.4 ± 12.6	62.4 ± 8.3	0.781
	9 Months after procedure	58.7 ± 10.2	62.2 ± 11.3	55.2 ± 8.7	0.303
	P value	0.319	0.735	0.229	–

The original article can be found online at <https://doi.org/10.1186/s12872-022-02742-2>.

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		Total (n = 21)	Group 1 (n = 10)	Group 2 (n = 11)	P value
LVEF (%)	Before procedure	33.1 ± 3.0	32.0 ± 4.2	34.0 ± 1.3	0.302
	3 Months after procedure	40.9 ± 7.0	41.6 ± 7.5	40.3 ± 7.3	0.782
	9 Months after procedure	45.4 ± 8.7	45.0 ± 5.1	45.8 ± 12.0	0.894
	P value	0.002	0.011	0.143	–
QRSd (ms)	Before procedure	168.2 ± 18.9	158.0 ± 13.0	176.7 ± 19.7	0.104
	9 Months after procedure	131.4 ± 15.5	121.0 ± 3.8	133.3 ± 8.2	0.001
	P value	0.001	0.005	0.011	–
NT-ProBNP (pg/ml)	Before procedure	2937 ± 1646	3240 ± 2258	2684 ± 1083	0.634
	3 Months after procedure	1832 ± 1541	1151 ± 1774	2066 ± 1444	0.607
	P value	0.014	0.04	0.219	–
VT/VF episodes (n)		8	3	5	0.175
Follow-up period (d)		574 ± 188	572 ± 207	575 ± 190	0.981

LVEDD left ventricular end diastolic diameter, LVEF left ventricular ejection fraction, NT-proBNP N-terminal pro B type brain natriuretic peptide, NYHA New York Heart Association, QRSd QRS duration, VT ventricular tachycardia, VF ventricular fibrillation

Also, the baseline QRSd value were changed from  $33.9 \pm 3.9\%$  to  $33.1 \pm 3.0\%$ .

So, the text under "Baseline characteristics" will read as follows:

The echocardiographic indices, including LVEF, LVEDD, NYHA classification, and NT-proBNP are shown in Table 3. Baseline parameters were similar between the two groups (all  $P > 0.05$ ). The baseline LVEF and the baseline QRSd (Fig. 2a) were  $33.1 \pm 3.0\%$  and  $168.2 \pm 18.9$  ms, respectively. At baseline, the QRSd of the two groups were matched ( $158.0 \pm 13.0$ , vs.  $176.7 \pm 19.7$ ,  $P > 0.05$ ).

Also, text under "Follow-up" will read as follow: Transthoracic echocardiogram (Fig. 3b) evaluation data at baseline and at the 3-month and 9-month follow-ups were available in all 21 patients receiving successful aCRT. As shown in Table 3, the symptoms and the median NYHA classification score improved significantly, with the latter decreasing from  $3.36 \pm 0.50$  to  $2.45 \pm 0.52$  ( $P = 0.016$ ). LVEF ( $33.1 \pm 3.0\%$  vs.  $45.4 \pm 8.7\%$ ,  $P = 0.002$ ) and NT-proBNP ( $2937 \pm 1646$  vs.  $1832 \pm 1541$ ,  $P = 0.014$ ) significantly improved at the follow-up visit. LVEDD ( $65.1 \pm 9.1$  mm vs.  $58.7 \pm 10.2$  mm,  $P = 0.319$ ) was improved at the 9-month follow-up visit, but the improvement was not significant.

The original article has been corrected.

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