

Table S1. Clinical characteristics of 0-1 year old NCM patients with simple MR and simple TR

	Overall (n=117)	Normal valvular (n=47)	MR (n=36)	TR (n=34)	<i>p</i>			
					Total	Normal valvular vs MR	Normal valvular vs TR	MR vs TR
NCM location, n (%)					<0.001	<0.001	<0.001	<0.001
LVNC	81 (69.2)	32 (68.1)	33 (91.7)	16 (47.1)				
RVNC	17 (14.5)	5 (10.6)	1 (2.8)	11 (32.4)				
BVNC	19 (16.2)	10 (21.3)	2 (5.6)	7 (20.6)				
<i>Electrocardiograph</i>								
Arrhythmia, n (%)	8 (6.8)	2 (4.3)	5 (13.9)	1 (2.9)	0.128			
QRS duration, (mm)	66.00 [60.00, 80.00]	62.00 [60.00, 73.00]	65.00 [60.00, 74.50]	74.00 [60.50, 90.00]	0.011	0.798	0.023	0.16
PR duration, (mm)	120.00 [102.00, 126.00]	120.00 [104.00, 124.00]	120.00 [104.00, 126.00]	120.00 [102.00, 131.50]	0.569			
QRS axis, (mm)	77.00 [25.00, 113.00]	77.00 [31.50, 94.50]	67.50 [40.75, 84.50]	105.50 [2.00, 141.75]	0.226			
QT, (mm)	276.00 [240.00, 294.00]	278.00 [244.00, 296.00]	258.00 [238.50, 282.00]	276.00 [244.00, 306.50]	0.139			
QTc, (mm)	417.00 [396.00, 451.00]	432.00 [406.50, 457.50]	402.50 [376.00, 444.00]	414.00 [396.00, 438.00]	0.55			
<i>Laboratory examination</i>								
CKMB, (U/L)	24.10 [18.60, 34.80]	28.70 [17.50, 38.00]	23.70 [19.92, 26.75]	22.45 [16.67, 68.90]	0.318			
CK, (U/L)	135.00 [89.00, 299.00]	170.00 [98.00, 303.50]	103.50 [74.00, 202.75]	128.00 [103.00, 591.25]	0.052			
NT-proBNP, (pg/ml)	8769.60 (11370.38)	5374.18 (9373.63)	5497.87 (6293.51)	16927.45 (13903.47)	<0.001	0.854	<0.001	<0.001
TnT, (pg/ml)	660.79 (2978.28)	957.94 (3764.79)	151.16 (409.57)	789.65 (3289.18)	0.456			
LDH, (U/L)	470.47 (690.03)	428.77 (718.62)	358.72 (293.00)	646.44 (902.67)	0.19			
INR	1.17 (0.27)	1.12 (0.18)	1.13 (0.17)	1.29 (0.40)	0.008	0.134	0.013	0.029
<i>Echocardiograph</i>								
RV diameter, (mm)	16.00 [14.00, 18.70]	16.00 [13.00, 18.00]	16.00 [14.00, 18.00]	18.00 [16.00, 21.75]	0.009	0.987	0.005	0.009

LA diameter, (mm)	19.00 [15.00, 23.00]	18.60 [15.50, 21.00]	22.50 [19.00, 27.00]	16.00 [12.25, 21.50]	<0.001	<0.001	0.107	<0.001
RA diameter, (mm)	17.00 [14.00, 19.00]	16.00 [14.00, 19.00]	16.00 [14.00, 18.00]	19.00 [16.00, 22.00]	0.002	0.002	0.863	0.002
LVES diameter, (mm)	17.00 [13.00, 21.00]	16.00 [12.50, 18.50]	21.00 [17.00, 27.10]	14.00 [9.25, 17.00]	<0.001	<0.001	0.034	<0.001
LVED diameter, (mm)	25.00 [21.00, 32.00]	24.00 [20.10, 30.00]	32.50 [26.00, 36.00]	21.00 [17.42, 25.25]	<0.001	<0.001	0.023	<0.001
FS, n (%)	37.00 [28.00, 43.00]	37.00 [33.00, 44.00]	33.00 [18.50, 39.50]	37.50 [32.25, 43.75]	0.037	0.018	0.982	0.035
LVEF, n (%)	69.00 [56.00, 77.00]	70.00 [65.00, 77.00]	63.50 [40.00, 71.00]	69.50 [62.25, 78.00]	0.026	0.012	0.875	0.03

MR, mitral regurgitation; TR, tricuspid regurgitation; SaO₂, arterial oxygen saturation; NCM, noncompaction cardiomyopathy; PDA, patent ductus arteriosus; PFO, patent foramen oval; ASD, atrial septal defect; VSD, ventricular septal defect; LVNC, left ventricular noncompaction cardiomyopathy; RVNC, right ventricular noncompaction cardiomyopathy; BVNC, biventricular noncompaction cardiomyopathy; CKMB, creatine kinase isoenzyme; CK, creatine kinase; NT-proBNP, N-terminal pro-B-type natriuretic peptide; TnT, troponin T; LDH, lactic dehydrogenase; INR, N-terminal pro-B-type natriuretic peptide; RV, right ventricular; LA, left atrial; RA, right atrium; LVES, left ventricular end-systolic; LVED, left ventricular end-diastolic; FS, left ventricular fractional shortening; LVEF, left ventricular ejection fraction.