

Mean (SD) or median (IQR)					P value*	Post hoc pairwise comparisons†					
	T1	T2	T3	T4		T1 vs T2	T1 vs T3	T1 vs T4	T2 vs T3	T2 vs T4	T3 vs T4
Mean heart rate, beat/min											
Ao_HR	106.4 (24.6)	116.4 (30.2)	128.9 (21.2)	139.0 (14.0)	0.09	-	-	-	-	-	-
PA_HR	95 (10.3)	107 (28.3)	122.3 (19.3)	130.3 (11.3)	<0.001	1	0.029	0.002	0.436	0.173	1
Pulsed wave Doppler measurements											
RV output, mL/kg/min	132.4 (42.6)	141.8 (54.5)	157.2 (45.5)	157.7 (31.3)	0.287	-	-	-	-	-	-
RV stroke volume, mL/kg	1.26 (1.23 - 1.58)	1.3 (1.02 - 1.64)	1.35 (1.06 - 1.47)	1.2 (1.05 - 1.44)	0.758	-	-	-	-	-	-
PAATi	0.19 (0.036)	0.215 (0.028)	0.228 (0.023)	0.274 (0.027)	<0.001	0.56	0.044	0.002	0.063	<0.001	<0.001
LV output, mL/kg/min	92.4 (38.7)	93.1 (18.0)	122.1 (28.4)	141.8 (21.2)	0.014	1	1	0.095	0.035	<0.001	0.756
LV stroke volume, mL/kg	0.795 (0.74 - 0.88)	0.85 (0.77 - 0.88)	0.955 (0.818 - 1.158)	0.97 (0.89 - 1.06)	0.067	-	-	-	-	-	-
RVET (msec)	190.8 (21.6)	199 (20.6)	201.1 (24.7)	179.7 (16.3)	0.056	-	-	-	-	-	-
PAAT (msec)	36 (30 - 42)	43 (36 - 48)	44 (42 - 48.75)	49 (45 - 53)	0.024						
RV tissue Doppler imaging											
S' wave, cm/s	4.11 (3.99 - 4.21)	4.12 (4.01 - 4.78)	4.30 (4.16 - 5.0)	4.9 (4.89 - 5.21)	0.004						
A' wave, cm/s	5.11 (4.78 - 6.01)	5.72 (5.01 - 6.67)	6.41 (6.17 - 7.24)	7.34 (6.8 - 8.23)	0.03						
Isovolumic contraction time, ms	38 (38 - 39)	40 (39.5 - 40.25)	41 (39.5 - 42)	42 (39 - 44)	0.688	-	-	-	-	-	-
Isovolumic relaxation time, ms	54 (52 - 59)	61.5 (57.25 - 64)	59 (52 - 62)	64 (62 - 66)	0.002	0.132	0.124	0.077	1	0.155	0.023
Ejection time, ms	143.9 (3.59)	145.5 (3.42)	152.2 (4.90)	155.2 (3.02)	<0.001	0.514	0.003	<0.001	<0.001	<0.001	0.23
Myocardial performance index	0.65 (0.037)	0.68 (0.048)	0.65 (0.023)	0.68 (0.029)	0.166	-	-	-	-	-	-
LV tissue Doppler imaging											
Interventricular septum											
S' wave, cm/s	3.51 (0.49)	3.38 (0.41)	3.55 (0.49)	3.60 (0.36)	0.511	-	-	-	-	-	-
A' wave, cm/s	4.23 (4.23 - 4.29)	4.23 (4.2 - 4.44)	4.47 (4.28 - 4.63)	4.72 (4.32 - 4.78)	0.001	0.053	1	0.648	0.388	0.01	0.02
Isovolumic contraction time, ms	33 (32 - 37)	38 (36 - 39)	39.5 (33.5 - 42)	40 (36 - 42)	0.009						
Isovolumic relaxation time, ms	52 (52 - 54)	60 (58 - 63)	56.5 (54.8 - 61)	63 (62 - 65)	<0.001	0.053	0.085	0.054	1	0.321	0.038
Ejection time, ms	146 (143 - 148)	151 (144 - 155)	154.5 (152 - 156)	153 (150 - 158)	0.01						
Myocardial performance index	0.598 (0.022)	0.65 (0.023)	0.625 (0.038)	0.674 (0.037)	<0.001	0.003	0.057	0.003	0.456	0.263	0.058
Lateral wall											
S' wave, cm/s	3.32 (3.12 - 3.92)	3.34 (3.02 - 3.67)	3.62 (3.30 - 3.88)	3.67 (3.56 - 3.99)	0.003	0.055	1	0.445	0.025	0.001	0.08
A' wave, cm/s	4.11 (3.69 - 4.23)	3.99 (3.66 - 4.11)	4.17 (3.96 - 4.45)	4.23 (4.01 - 4.71)	0.001	0.055	0.469	0.774	0.015	0.038	1
Isovolumic contraction time, ms	37.1 (3.89)	38.6 (4.81)	41.6 (3.09)	42.2 (5.23)	0.06	-	-	-	-	-	-
Isovolumic relaxation time, ms	53 (52 - 54)	61 (59 - 62)	60.5 (57.3 - 62.5)	65 (62 - 69)	<0.001	0.054	0.213	0.053	1	0.015	0.024
Ejection time, ms	144.8 (2.54)	146.5 (3.69)	151.9 (2.27)	155 (4.02)	<0.001	0.502	<0.001	<0.001	0.005	<0.001	0.224
Myocardial performance index	0.629 (0.036)	0.683 (0.034)	0.667 (0.040)	0.692 (0.024)	<0.001	0.013	0.145	0.01	1	1	0.732