

Table 2: Recovery of echocardiographic parameters of LV function over 3 months in TTC patients, relative to age-matched female control subjects.

Echocardiographic parameters	Controls	TTC	
		Acute	3 months
<u>1. Non-deformational parameters</u>			
LVEDVi (mL/m ²)	36.1 ± 7	45.1 ± 15.9	34.8 ± 9.6 [‡]
LVESVi (mL/m ²)	13.6 ± 3.8	22.7 ± 11.5	14.1 ± 4.7 [#]
LVEF (%)	63 ± 6	52 ± 14	60 ± 7 [‡]
Transmitral E/A ratio	1.03 ± 0.3	1.1 ± 0.5	0.9 ± 0.4 ^{##}
E/Ea ratio	10.5 ± 4.8	12.7 ± 10	10.3 ± 3.5
<u>2. 2D speckle tracking parameters</u>			
GLS (%)	-20.0 ± 1.8	-12.7 ± 3.9	-17.9 ± 3.1 ^{#, ‡}
Strain rate (s ⁻¹)*	-1.1 ± 0.1	-0.9 ± 0.2	-1.0 ± 0.2 [†]
Basal twist*	-4.5 ± 2.3	-6.2 ± 4.7	-6.6 ± 3.3
Apical twist*	11.3 ± 5	4.9 ± 3.9	9.3 ± 4 [‡]
LV twist (°)	15.7 ± 5.2	11.1 ± 6.8	15.9 ± 5.9 [†]
LV torsion (° cm ⁻¹)*	2.1 ± 0.7	1.4 ± 0.9	2.1 ± 0.8 [†]

P values for comparisons between acute and 3 month values: † = p < 0.05, ‡ = p < 0.01, # = p <

0.001. P values for comparisons between controls and 3 months TTC data: # = p < 0.01, ## = p

<0.05; * = data not available in 3 control subjects. LVEDVi = left ventricular (LV) end-

diastolic volume index, LVESVi = LV end-systolic volume index, LVEF = LV ejection

fraction, E/A = ratio of peak early to peak late transmitral diastolic flow, GLS = global

longitudinal strain.