



PR(ms) day 12	0.3067	0.6093	0.2248	0.2013	0.0553	0.3711	0.3067	0.4822	0.5653	0.9491	0.4062	0.4822	0.9491	0.2013	0.7983	0.7983
QRS (ms) day 12	0.6547	0.8983	0.3711	0.8983	0.9491	1.0000	0.9491	0.2248	0.7015	0.4822	0.8983	0.8480	0.8983	1.0000	0.2248	0.9491
QT(ms) day 12	0.2248	0.8480	0.2248	0.4433	0.3067	0.1797	0.8983	0.1599	0.1797	0.9491	1.0000	0.2013	0.0967	0.2502	1.0000	0.2013
QTc(ms) day 12	0.4062	0.4822	0.1417	0.1102	0.0350	0.0350	0.0639	0.0639	0.0967	0.4822	0.4822	0.6547	0.5653	0.0350	0.0845	0.7494
ST(mV) day 12	0.8480	0.3711	0.7494	0.7015	0.6547	0.4062	0.9491	0.5229	0.7015	0.8983	0.2013	0.7015	0.5229	0.2248	0.7015	0.7494
RR(ms) day 15	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0476	0.0017	0.0022	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
HR(b/min) day 15	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0476	0.0017	0.0022	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
PR(ms) day 15	0.0476	0.1252	0.0967	0.3711	0.1599	0.7015	0.1599	0.3711	0.4062	0.2248	0.1797	0.6547	0.3067	0.7494	0.2013	0.2774
QRS (ms) day 15	0.0017	0.1252	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0639	0.7983	0.0639	0.0350	0.0017	0.0022	0.0017
QT(ms) day 15	0.0017	0.0253	0.0027	0.0017	0.0017	0.0017	0.0017	0.0476	0.0017	0.0088	0.0027	0.0017	0.0476	0.0017	0.0017	0.0017
QTc(ms) day 15	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0350	0.0017	0.0027	0.0017	0.0017	0.0127	0.0017	0.0017	0.0017
ST(mV) day 15	0.0017	0.2502	0.0639	0.0106	0.0073	0.0017	0.0017	0.2774	0.0215	0.5653	0.4433	0.0049	0.0073	0.0152	0.0088	0.0017

**Table S2.** P-values for comparisons between the study groups for of lactate dehydrogenase (LDH), aspartate transaminase (ASAT), alanine transaminase (ALAT), and glycemia.

	MI-C vs. C	Cs100+ ISO vs. MI-C	Cs150+ ISO vs. MI-C	Cs200+ ISO vs. MI-C	nC100+ ISO vs. MI-C	nC150+ ISO vs. MI-C	nC200+ ISO vs. MI-C	Cs xxx+ISO vs. Cs yyy+ISO			nC xxx+ISO vs. nC yyy+ISO			nC xxx+ISO vs. Cs xxx+ISO		
								150 vs. 100	200 vs. 100	200 vs. 150	150 vs. 100	200 vs. 100	200 vs. 150	100 vs. 100	150 vs. 150	200 vs. 200
								$\alpha 1$	$\alpha 2$	$\alpha 3$	$\alpha 4$	$\alpha 5$	$\alpha 6$	$\beta 1$	$\beta 2$	$\gamma 1$
LDH (U/L)	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0040	0.0017	0.0845	0.0017	0.0017	0.0181	0.0017	0.0017	0.0017
ASAT (U/L)	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0060	0.0027	0.0017	0.0476	0.0017	0.0017	0.0017
ALAT (U/L)	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0181	0.0127	0.4822	0.0017	0.0017	0.0017	0.0073	0.0017	0.0017
Glycemia (mg/dL)	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0106	0.0049	0.3711	0.0476	0.0017	0.0553	0.0027	0.0088	0.0017

**Table S3.** P-values for comparisons between the study groups for oxidative stress parameters in myocardial tissue.

	MI-C vs. C	Cs100+ ISO vs. MI-C	Cs150+ ISO vs. MI-C	Cs200+ ISO vs. MI-C	nC100+ ISO vs. MI-C	nC150+ ISO vs. MI-C	nC200+ ISO vs. MI-C	Cs xxx+ISO vs. Cs yyy+ISO			nC xxx+ISO vs. nC yyy+ISO			nC xxx+ISO vs. Cs xxx+ISO		
								150 vs. 100	200 vs. 100	200 vs. 150	150 vs. 100	200 vs. 100	200 vs. 150	100 vs. 100	150 vs. 150	200 vs. 200
		$\alpha 1$	$\alpha 2$	$\alpha 3$	$\alpha 4$	$\alpha 5$	$\alpha 6$	$\beta 1$	$\beta 2$	$\gamma 1$	$\lambda 1$	$\lambda 2$	$\mu 1$	$\beta 3$	$\gamma 2$	$\epsilon 1$
MDA [nmol/L]	0.0017	0.0060	0.0026	0.0017	0.0017	0.0017	0.0017	0.0350	0.0017	0.0181	0.0088	0.0017	0.5224	0.0017	0.0017	0.0017
NOx [ $\mu$ mol/L]	0.0017	0.0027	0.0017	0.0017	0.0017	0.0017	0.0017	0.1797	0.0639	0.4428	0.3352	0.0039	0.0040	0.0030	0.0030	0.0017
TOS [ $\mu$ mol H2O2 equiv./L]	0.0017	0.0027	0.0017	0.0017	0.0017	0.0017	0.0017	0.0474	0.0253	0.7009	0.2003	0.0060	0.0405	0.0027	0.0027	0.0033
Thiol [mmol/L]	0.0017	0.0250	0.0040	0.0017	0.0017	0.0016	0.0017	0.1768	0.0070	0.0403	0.0450	0.0033	0.0080	0.0017	0.0017	0.0017
TAC [mmol Trolox/L]	0.0016	0.0016	0.0016	0.0016	0.0015	0.0016	0.0016	0.0250	0.0017	0.0026	0.0038	0.0016	0.0017	0.0016	0.0016	0.0017