Table 1) Specifications of rats in the studied groups

Variable	Training Group	Control Group
Number	10	10
Heart Beat	20 months	20 months
Heart Weight (g)	364±41	357±19
Body Weight at Killing (g)	388±19	412±38
Ratio of heart weight to body weight	3.07±0.11(g/g)x10^{-3}	3.2±0.26

Data has been reported as Mean ± SEM

Figure 1) EKG changes in response to myocardial ischemia

Figure 2) Left ventricular infarction area after ischemic injury (30 minutes) reperfusion (120 minutes)

Table 2) Changes in the studied indices in the studied groups after myocardial ischemia-reperfusion

Variable	Control Group	Training Group	Significance Level
Glutathione peroxidase (U/mg-protein)	1333±32	1390±102	P=0.9
Glutathione Reduction (μmol/mg-protein)	21±1	†15±1	P=0.05
Catalase U/mg-protein)	3.7±0.2	4±0.3	P=0.96
Malondialdehyde (mol / mg-protein)	100±1	119±27	P=0.48
Infarction area size (%)	39±5	†32±4	P=0.001

† was considered as the sign of significant difference compared with control group, significance level was considered as p≤0.05. Data is shown as Mean ± SEM.