1.S Analysis of necrotic heart area

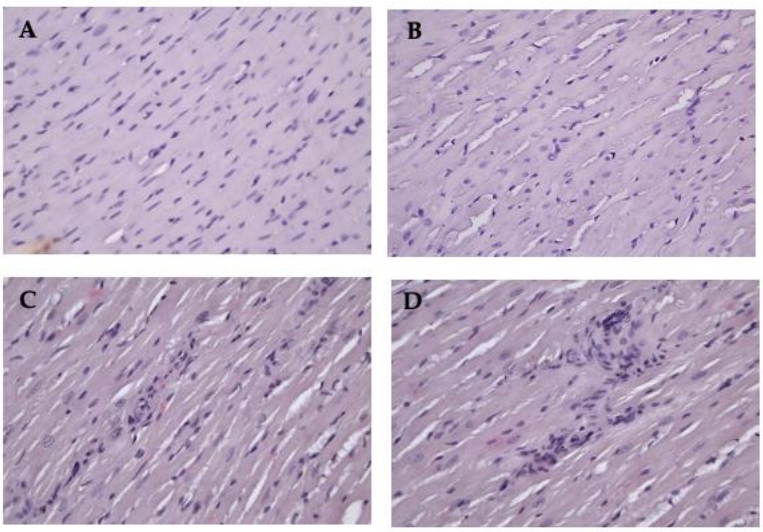


Figure 1S. Hematoxilin and eosin staining of: (A) control, (B) control + TEB, (C) AM, (D) AM + TEB groups showed that TEB exposure increased the area of necrosis in both control and AM groups.

2.S TUNEL assay

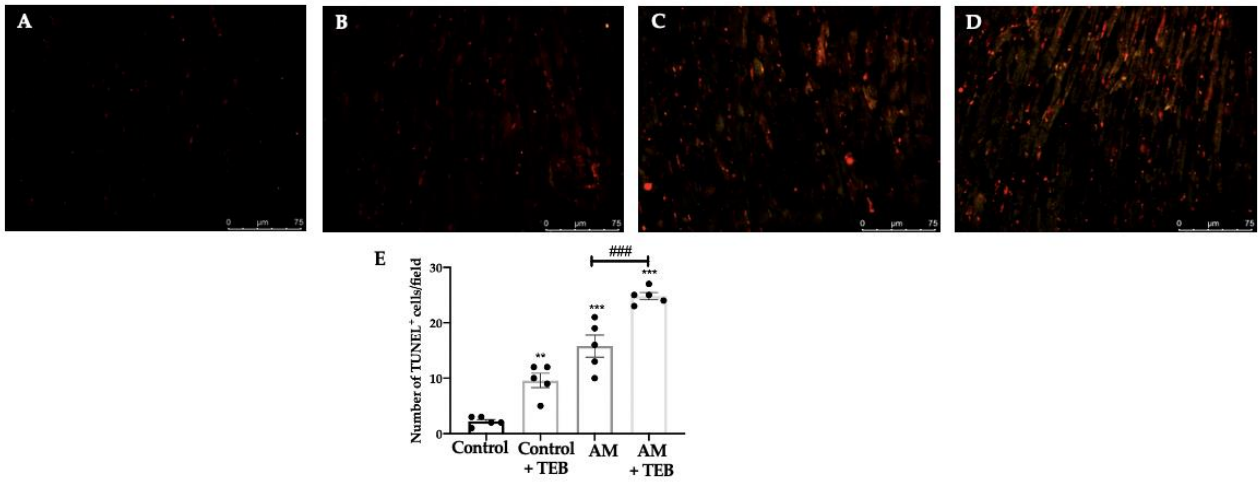


Figure S2: TUNEL assay of: (A) control, (B) control + TEB, (C) AM, (D) AM + TEB groups showed that TEB exposure increased the (E) number of TUNEL$^+$ cells in both control and AM groups.

Table S1. Scoring system for inflammation, necrosis and fibrosis

Scoring system for infiltration and necrosis	
0	no infiltration or necrosis;
1	between 1% and 25% infiltration or necrosis

2	between 26% and 50% infiltration or necrosis
3	between 51% and 74% infiltration or necrosis
4	between 75% and 100% infiltration or necrosis
Scoring system for fibrosis	
0	no fibrosis;
low fibrosis	between 1% and 15% ratio of blue area to total myocardium area
Mild fibrosis	between 16% and 30% ratio of blue area to total myocardium area
Moderate fibrosis	between 31% and 55% ratio of blue area to total myocardium area
High fibrosis	between 56% and 100 ratio of blue area to total myocardium area