

Figure S1. Hemodynamic variables. Quantification of hemodynamic variables for pre-treatment (yellow box) or post-treatment (blue box) with 3 nM Dex or vehicle (Con) under physiological conditions or under ED induced by perfusion with Krebs-Henseleit buffer containing 60 mM KCl (K+). (A) LVP max; (B) LVP min; (C) LVDP; (D) heart rate; (E) dP/dt max; (F) dP/dt min; (G) CPP. 1st TP: first treatment phase. Data are presented as the mean $\pm$ SD. Statistical tests were only performed for baseline and at 60 min of reperfusion (Rep 60 min). One-way ANOVA followed by Tukey's multiple comparisons tests for all comparisons at the respective time point. * $P < 0.05$ Dex vs. DexED (n=6-7). Dex, dexmedetomidine; ED, endothelial dysfunction; LVP max, maximal left ventricular pressure; LVP min, minimal LVP; LVDP, developed LVP; dP/dt max, maximal rate of rise of LVP; dP/dt min, minimal rate of rise of LVP; CPP, coronary perfusion pressure; ns, not significant ($P > 0.05$).

