

Supplement Table S1. Echocardiographic parameters before study initiation. Beats per minute (bpm); bile-duct ligation (BDL).

parameter	control (mean±SD)	BDL (mean±SD)	p-value	
cardiac function				
heart rate (bpm)	341.8±14.1	343±37.5	0.93	ns
n	9	28		
stroke volume (μl)	341.2±55.2	355±55.7	0.52	ns
n	9	28		
ejection fraction (%)	59.1±5.8	59.8±5.7	0.73	ns
n	9	28		
end-diastolic volume (μl)	586.5±69.67	584.7±70.43	0.95	ns
n	9	28		
cardiac output (ml/min)	116.9±22.2	120.9±19.2	0.61	ns
n	9	28		
coronary artery Pulsed-wave Doppler				
diastolic peak velocity (mm/s)	679.8±212.7	642.6±160.7	0.58	ns
n	9	28		
systolic peak velocity (mm/s)	220±58.3	186±50.8	0.1	ns
n	9	28		
velocity time integral (mm)	35.1±12.4	32.5±9.2	0.51	ns
n	9	28		

Before induction of acute liver injury in rats by surgical bile duct ligation (BDL) an echocardiographic evaluation was performed. The evaluation included standard myocardial function parameter as stroke volume (SV), ejection fraction (EF), end-diastolic volume (VED) and cardiac output (CO) and a Pulsed-wave Doppler assessment of the left coronary artery. Diastolic and systolic peak velocity (DPV; SPV) as well as velocity time integral (VTI) were determined from the velocity time curve.

Data were analyzed using a two-sided t-test or a non-parametric test where appropriate. P<0.05 was considered significant and the data are presented as mean ± standard deviation (SD).