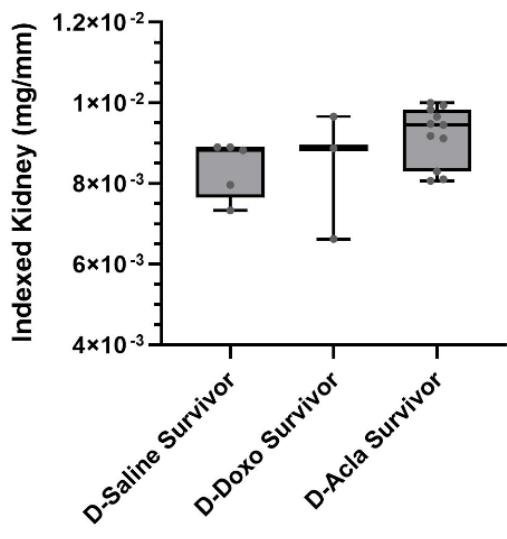
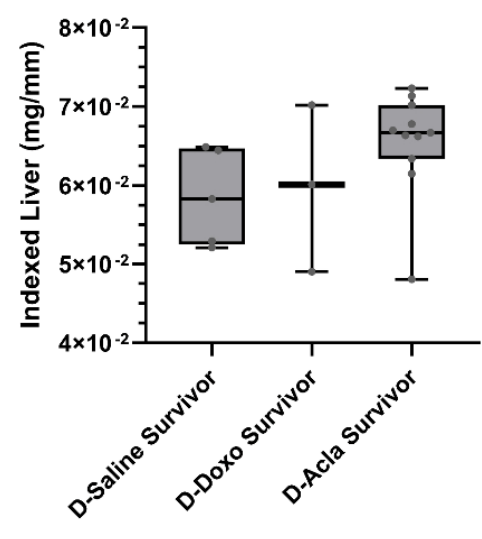


A.



B.



Supplemental Material 1. Box plots indexed kidney and liver weights by survivor treatments with no statistical differences. (A) Kidney (B) Liver

	Baseline (n=20)	D-Saline		D-Doxo		D-Accla Survivor (n=5)	P-Value
		Mort (n=2)	Survivor (n=5)	Mort (n=4)	Survivor (n=3)		
EDD (mm)	4.01±0.21	3.95±0.06	4.13±0.15	3.99±0.40	3.82±0.16	4.16±0.16	
ESD (mm)	2.94±0.25	2.79±0.17	3.07±0.26	3.04±0.23	2.63±0.33	3.20±0.15	
EF (%)	52.5±6.18	56.30±8.52	50.77±6.29	47.47±5.93	59.42±8.90	46.34±2.14	
FS (%)	26.73±3.91	29.15±5.67	25.59±3.88	23.57±3.60	31.23±5.91	22.88±1.22	
HR (bpm)	442±28	429±11	438±26	388±28	494±28	461±37	‡
MV E (mm/s)	600.63±86.74	538.85±47.88	602.30 ± 64.52	423.33±53.04	576.58±31.34	611.98±25.09	*
MV A (mm/s)	365.18±56.26	301.38±1.48	333.81±33.50	284.72±55.41	369.71±78.38	440.27±90.08	*
E/A	1.66±0.26	1.78 ± 0.15	1.81±0.27	1.54±0.42	1.59±0.25	1.44±0.36	
IvRT (ms)	18.30±3.44	18.19±0.98	18.66±1.81	21.20±4.09	15.53±3.66	19.91±2.17	
IvCT (ms)	18.12±5.51	14.72±1.18	19.45±6.76	16.85±1.25	19.07±2.62	19.44±2.11	
ET (ms)	47.33±3.21	45.42±3.73	47.01±2.37	43.61±5.35	46.78±1.06	47.18±3.53	
MPI (Tei)	0.77±0.15	N/A	0.79±0.20	0.88±0.15	0.74±0.04	0.83±0.07	

Supplemental Material 2. Average of echocardiographic results comparing baseline, early mortalities (mort), and final week of echo (mean ± SD). EDD: end diastolic diameter; ESD: end systolic diameter; HR: heartrate; MV E: early diastolic trans-mitral flow velocity; MV A: late diastolic trans-mitral flow velocity; E/A: peak velocity of early diastolic trans-mitral flow over late trans-mitral flow; IVRT: isovolumic (isovolumetric) Isovolumic (isovolumetric) contraction time relaxation time; IVCT: Isovolumic (isovolumetric) contraction time; ET: Ejection time; MPI; myocardial performance index. One-way ANOVA P-value reported *, $P \leq 0.05$; ‡, $P \leq 0.001$.

	Reference	D-Saline (n=10)	D-Doxo (n=14)	D-Acla (n=15)	P-values		
					S-D	S-A	D-A
WBC (10 ³ / μL)	3.5-6.9	4.07±2.93	4.00±2.39	6.19±2.15		*	†
NEU (10 ³ / μL)	0.26-0.68	1.20±2.46	1.14±1.16	0.66±0.38			
LYM (10 ³ / μL)	2.92-5.86	2.75±2.34	2.63±1.86	5.25±1.93		†	‡
MON (10 ³ /uL)	0.08-0.42	0.05±0.04	0.16±0.30	0.17±0.08		‡	
EOS (10 ³ / μL)	0.01-0.11	0.06±0.05	0.05±0.04	0.11±0.08			†
BAS (10 ³ /uL)	0-0.02	0.01±0.02	0.01±0.03	0.00±0.01			
RBC (10 ⁶ /uL)	7.6-8.8	8.47±2.80	8.42±3.04	8.47±2.19			
HGB (g/dL)	10.7-12.3	12.66±4.19	12.30±4.43	12.41±3.06			
HCT (%)	34.6-38.6	37.31±11.8 4	36.72±13.07	36.52±8.75			
MCV (fL)	42.4-47.2	44.31±1.31	43.85±1.16	43.30±1.25			
MCH (pg)	13.6-14.6	14.93±0.33	14.66±0.46	14.69±0.60			
MCHC (g/dL)	30.1-32.9	33.71±1.05	33.47±1.05	33.90±0.99			
PLT (10 ³ /uL)	727-1177	1287±611.4	1565±677.3	1373±430.7			
MPV (fL)	4.7-6.3	4.94±0.44	4.88±0.32	5.27±0.70			

Supplemental Material 3. Complete blood count comparison between treatment groups for all end points (mean ± SD). *, P ≤ 0.05; †, P ≤ 0.01; ‡, P ≤ 0.001.

	References	D-Saline (n=5)	D-Doxo (n=4)	D-Acla (n=6)	P values		
					S-D	S-A	D-A
ALP (U/L)	68-132	73 ± 5.89	76 ± 8.18	70 ± 5.39			
AST (U/L)	32-122	72 ± 31.55	110 ± 18.57	82 ± 24.18			
ALT (U/L)	18-94	23 ± 2.49	35 ± 8.60	32 ± 6.15	*	*	
Creatine kinase (U/L)	209-635	393 ± 316	760 ± 319	532 ± 265			
Albumin (g/dL)	2.6-2.8	2.9 ± 0.08	2.9 ± 0.05	2.8 ± 0.12			
Globulin (g/dL)	1.8-2.4	1.8 ± 0.11	1.7 ± 0.10	1.8 ± 0.08			
ALB/GLOB ratio	1.0-1.5	1.6 ± 0.12	1.7 ± 0.08	1.6 ± 0.10			*
Total Protein (g/dL)	4.6-5.0	4.8 ± 0.11	4.7 ± 0.13	4.6 ± 0.15			
Total Bilirubin (mg/dL)	0.3-0.7	0.2 ± 0.04	0.3 ± 0.1	0.2 ± 0.04			
Bilirubin-Conj (mg/dL)	0.0-0.1	0.0 ± 0.00	0.0 ± 0.02	0.0 ± 0.01			
Bilirubin-Unconj (mg/dL)	0.0-0.6	0.2 ± 0.04	0.2 ± 0.05	0.2 ± 0.05			
BUN (mg/dL)	21.8-32.2	24 ± 2.41	25 ± 1.73	24 ± 4.89			
Creatinine (mg/dL)	0.1-0.15	0.1 ± 0.10	0.1 ± 0.05	0.1 ± 0.08			
BUN/Creatinine Ratio	145.3-322	236 ± 24.08	123 ± 141.98	212 ± 106.47			
Cholesterol (mg/dL)	82-112	72 ± 4.64	63 ± 8.30	70 ± 11.90			
Glucose (mg/dL)	207-301	151 ± 22.01	162 ± 56.70	154 ± 21.92			
Calcium (mg/dL)	8.8-9.2	8.8 ± 0.19	8.6 ± 0.05	9.0 ± 0.16			†
Phosphorus (mg/dL)	6.1-7.5	6.0 ± 0.23	6.5 ± 0.13	7.0 ± 0.72	†	*	
BicarbonateTCO2(mmol /L)	17.2-21	18 ± 1.95	17 ± 1.63	18 ± 0.98			
Chloride (mmol/L)	112-113	111 ± 3.56	111 ± 2.52	110 ± 0.75			
Potassium (mmol/L)	3.8-4.2	4.9 ± 0.18	5.2 ± 0.38	4.8 ± 0.27			
Sodium (mmol/L)	149-153	153 ± 2.59	151 ± 2.08	152 ± 1.55			
NA/K Ratio	35.4-40.2	31 ± 1.82	30 ± 2.31	32 ± 1.94			
Hemolysis Index		Normal	Normal	Normal			
Lipemia Index		Normal	Normal	Normal			

Supplemental Material 4. Serum Chemistry between treatment groups for all end points

(mean ± SD). *, P ≤ 0.05; †, P ≤ 0.01, *** P ≤ 0.001 unpaired T-tailed student t-test.