

Table 1. Demographic data and perioperative characteristics of VSR patients according to survival.

	All operated VSR Patients (n=88)	Survived group (n=25)	Non survived group(n=63)	P Value (Survived and Non-survived groups)
Demographic				
Age(years)	63.6 ± 9.9	60.4 ± 11.3	64.8 ± 9.1	0.06
Sex(male)	41 (46.5%)	12 (48%)	29 (46 %)	1
Risk factors				
DM(%)	49 (55.6%)	9 (36%)	40 (63%)	0.3
HTN(%)	55 (62.5%)	11 (44%)	44 (69.8 %)	0.5
HLP(%)	44 (50%)	17 (68%)	27 (42.8%)	0.7
Lab data				
Pre OP Cr (mg/dl)	1.4 ± 0.6	1.2 ± 0.6	1.5 ± 0.7	0.2
Pre OP AST(IU/L)	91.4 ± 123.8	91 ± 148.4	91.5 ± 121.1	0.9
Pre OP ALT(IU/L)	77.6 ± 101.4	95.5 ± 138.2	74.3 ± 95.2	0.7
Echocardiographic data				
PAP (mmHg)	50 ± 15.9	49.6 ± 18.3	50.1 ± 15.2	0.9
QP/QS (by echo)	1.9± 0.4	1.7 ± 0.5	2 ± 0.2	0.2
VSR location				
Ant(%)	65 (73.8%)	18 (72%)	47 (74.6 %)	0.07
Post(%)	11 (13.6%)	3 (12%)	8 (12.6 %)	
Other(%)	12 (13.6%)	4 (16%)	8 (12.6 %)	
*Large VSR (%)	37 (42%)	10 (40%)	27 (42.8 %)	0.7
Revascularization				
Thrombolytic therapy (%)	15 (17%)	3 (12%)	12 (19 %)	0.2
PCI(%)	5 (5.6%)	2 (8 %)	3 (4.7%)	1
QP/QS (by echo)	1.9± 0.4	1.7 ± 0.5	2 ± 0.2	0.2
Surgery data				
IABP	63 (71.5%)	20 (80%)	43 (68.2 %)	0.3
Pre OP IABP(%)	47 (53.4 %)	17 (68 %)	30 (47.6%)	
MI to VSR diagnosis time (days)	7.5 ± 7.2	10.6 ± 8.6	6.2 ± 6.2	0.06
Admission to surgery time (days)	5 ± 5.1	5 ± 6.4	5 ± 4.5	0.9
CABG				
Single graft	33 (37.5 %)	11 (44 %)	22 (34.9 %)	0.6
2 graft	39 (44.3 %)	10 (40%)	29 (46%)	
3 graft	14 (15.9 %)	4 (16%)	10 (15.8%)	
4 graft	2 (2.2%)	0	2 (3.1%)	
Operation dates(yrs.)				
2000- 2009	42 (47.7%)	17 (68%)	25 (39.6%)	0.01
2010- 2018	46 (52.3%)	8 (32%)	38 (60.3%)	

ALT, Alanine Aminotransferase; Ant, Anterior; AST, Aspartate Aminotransferase; CABG, Coronary Artery Bypass Graft; Cre, Creatinine; DM, Diabetes Mellitus; EF, Ejection Fraction; HLP, Hyperlipidemia; HTN, Hypertension; IABP, Intra- Aortic Balloon Pump; *Large VSR: defined as ≥ 15 mm by echocardiographic evaluation, MI, Myocardial infarction; PAP, Pulmonary Artery Pressure; PCI, Percutaneous Coronary Intervention; Post, Posterior; QP/QS, the ratio of pulmonary blood flow versus the systemic blood flow; VSR, Ventricular Septal Rupture.

Values are mean \pm SD.