

Supplementary Table 1: Cox hazard regression was used to study the effect of preoperative palliation with BT shunt on PV annulus improvement after adjusting for gender, presence of collateral, and blood group.

	Haz. Ratio $\pm$ SE	z	P>z	95% CI
Pre-op palliation (BT shunt)	1.330556 $\pm$ 0.5916451	0.64	0.521	0.5565934–3.180742
Gender	0.8357861 $\pm$ 0.3108817	-0.48	0.630	0.4031619–1.73265
MAPCAS	0.9262055 $\pm$ 0.5122446	-0.14	0.890	0.3132883–2.738234
Blood Group				
A-	1.563232 $\pm$ 1.697602	0.41	0.681	0.1860612–13.13382
B+	1.105717 $\pm$ 0.7452109	0.15	0.881	0.295098–4.143061
B-	1.563232 $\pm$ 1.697602	0.41	0.681	0.1860612–13.13382
AB+	1.73235 $\pm$ 2.122197	0.45	0.654	0.1569931–19.11573
O+	1.755302 $\pm$ 0.8516605	1.16	0.246	0.6781948–4.543066
O-	1.170271 $\pm$ 0.9724081	0.19	0.850	0.2296158–5.964464

SE = standard error