

Table 1 summarizes the original assessment results of PIVSD studies.

Pooled event rate	Number of studies	Patients	%	95%CI	Overall effect	Heterogeneity
30-day mortality	27	462	31.5	0.149-0.482	$z=3.72$ $p < 0.001$	$I^2=0$ $P=1.000$
Successful device implantation	24	405	89.7	0.772-1.021	$z=14.12$ $p < 0.001$	$I^2=0$ $P=1.000$
Immediate shunt reduction	21	333	18.3	0.645-0.972	$z=2.07$ $p=0.038$	$I^2=0$ $P=0.994$
Primary closure at acute phase	21	358	29.7	0.095-0.499	$z=2.88$ $p=0.004$	$I^2=0$ $P=0.990$
30-day mortality of primary closure at	19	288	25.3	0.072-0.434	$z=2.74$	$I^2=0$

Table 1 summarizes the outcomes of PIVSD studies.