PRISMA Flow Diagram

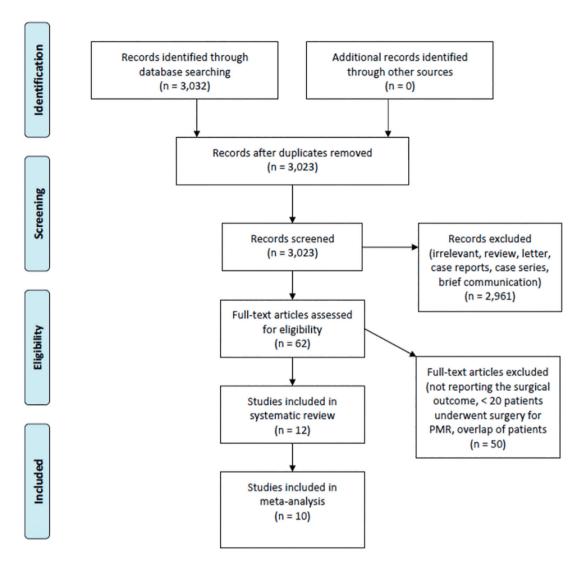
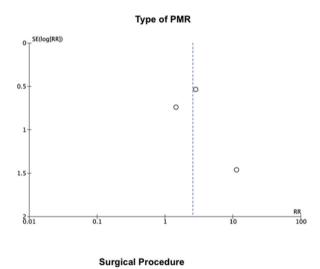


Figure S1 The PRISMA flow diagram describing the study selection process.

Table S1 Risk of bias summary							
Study	Bias due to confounding	Bias in selection of participants	Bias in measurements of interventions	Bias due to missing data	Bias in measurements of outcomes	Bias in selection of reported results	Overall bias
Bouma, 2014	Critical	Low	Moderate	Low	Moderate	Serious	Serious
Chevalier, 2004	Critical	Low	Serious	Serious	Serious	Serious	Serious
Figueras, 1997	Critical	Low	Moderate	Serious	Moderate	Moderate	Serious
Fujita, 2020	Critical	Low	Moderate	Low	Moderate	Moderate	Moderate
Kilic, 2020	Critical	Moderate	Moderate	Low	Moderate	Moderate	Moderate
Kishon, 1992	Critical	Low	Moderate	Low	Moderate	Serious	Critical
Russo, 2008	Critical	Low	Moderate	Moderate	Moderate	Moderate	Moderate
Schroeter, 2013	Critical	Low	Moderate	Moderate	Serious	Moderate	Serious
Sultan, 2018	Critical	Low	Moderate	Low	Moderate	Moderate	Moderate
Ternus, 2017	Critical	Low	Moderate	Serious	Moderate	Serious	Serious
Review authors' judgements about each risk of bias item for each included study.							



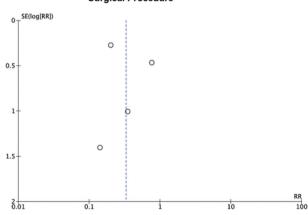


Figure S2 Publication bias (I). Funnel plots of publication bias for type of PMR and surgical procedure. PMR, papillary muscle rupture; RR, risk ratio; SE, standard error.

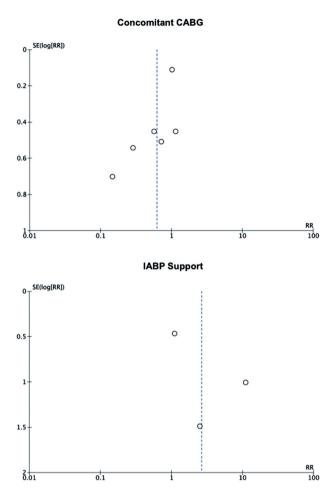


Figure S3 Publication bias (II). Funnel plots of publication bias for concomitant CABG and IABP support. CABG, coronary artery bypass grafting; IABP, intra-aortic balloon pump; RR, risk ratio; SE, standard error.