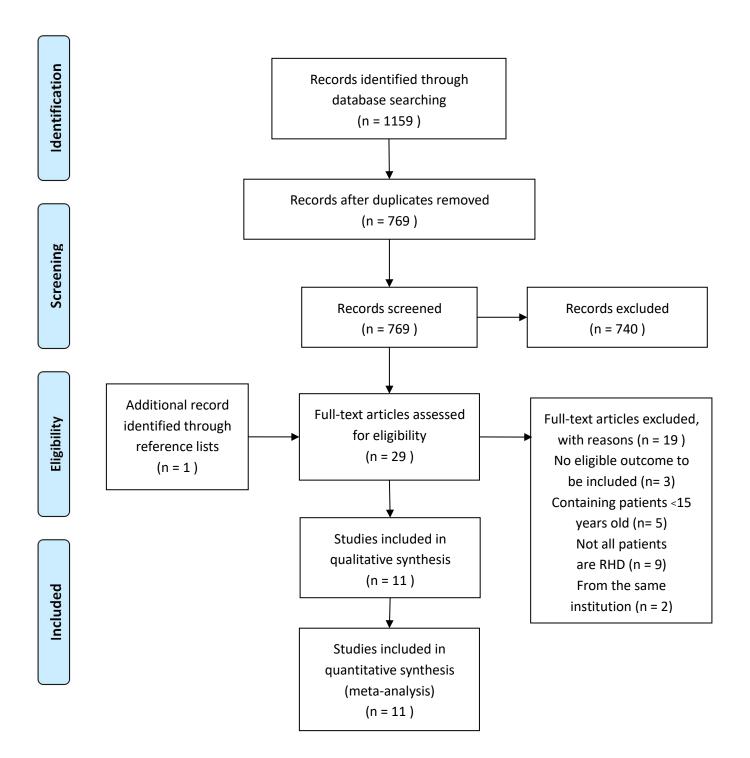
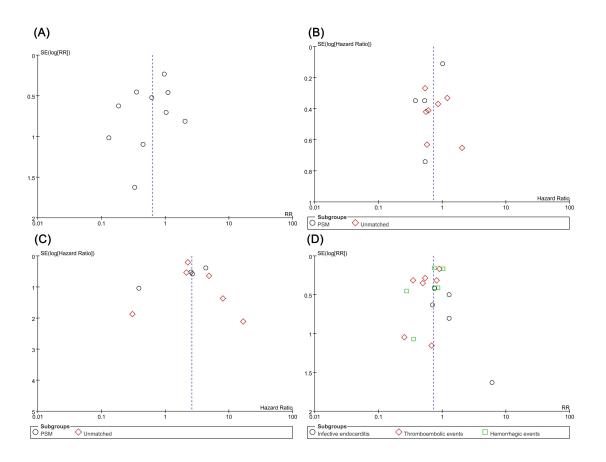
Figures and Figure legends



Supplementary Figure S1. PRISMA flow diagram for literature search and inclusion



Supplementary Figure S2. Funnel plot showing the publication bias. A, Early mortality; B, long-term survival; C, freedom from reoperation; D, infective endocarditis, thromboembolic events and hemorrhagic events.

Table

	Selection				Outcome				
	Exposed	Nonexposed	Ascertainment	Outcome	- Comparability	Assessment	Length of	Adequacy	Total
	cohort	cohort	of exposure	of interest		of outcome	follow-up	follow-up	score
Brescia 2020	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	8
Chen 2020	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark \checkmark	\checkmark	\checkmark		8
Fu 2020	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark \checkmark	\checkmark	\checkmark		8
Kim 2018	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark \checkmark	\checkmark	\checkmark		8
Russell 2017	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		7
Geldenhuys 2012	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark \checkmark	\checkmark	\checkmark	\checkmark	9
Wang 2008	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		7
Kuwaki 2007	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		7
Talwar 2007	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	8
Но 2004	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		7
Yau 2000	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	8

Supplementary Table S1. Quality assessment of included studies using Newcastle–Ottawa Scale