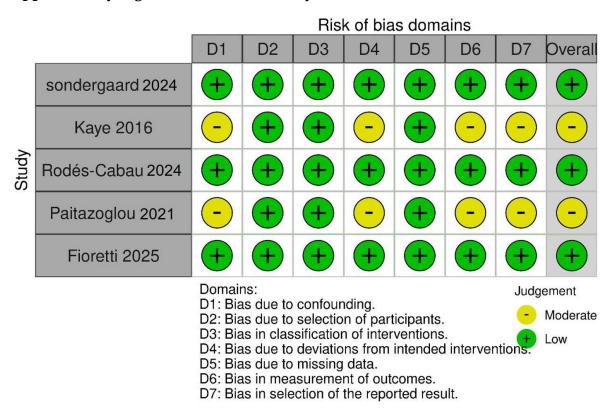
	Risk of bias domains						
		D1	D2	D3	D4	D5	Overall
Study	Feldman 2018	+	-	+	+	+	-
	W. Stone 2024	+	-	+	+	+	-
	Gustafsson 2024	+	+	+	+	+	+
,		D2: Bias due D3: Bias due D4: Bias in n	sing from the reto deviations to missing or neasurement selection of the	- 9	Judgement - Some concerns - Low		

Supplementary Figure 1 Risk of bias analysis of randomized controlled trials.



Supplementary Figure 2 Risk of bias analysis of non-randomized studies.

Supplementary Table 1 Detailed search strategy for literature search

Database	Search strategy	Results
Pubmed	(Heart failure OR HF OR Heart failure with preserved ejection	455
	fraction OR HFpEF OR Heart failure with reduced ejection fraction	
	OR HFrEF) AND (Interatrial shunt OR Atrial shunt device OR	
	Interatrial septal device OR IASD)	

EMBASE (Heart failure OR HF OR Heart failure with preserved ejection 384 fraction OR HFpEF OR Heart failure with reduced ejection fraction OR HFrEF) AND (Interatrial shunt OR Atrial shunt device OR Interatrial septal device OR IASD)

Cochrane (Heart failure OR HF OR Heart failure with preserved ejection 48 fraction OR HFpEF OR Heart failure with reduced ejection fraction OR HFrEF) AND (Interatrial shunt OR Atrial shunt device OR Interatrial septal device OR IASD)

Clinicaltrial (Heart failure OR HF OR Heart failure with preserved ejection 60 s.gov fraction OR HFpEF OR Heart failure with reduced ejection fraction OR HFrEF) AND (Interatrial shunt OR Atrial shunt device OR Interatrial septal device OR IASD)

Supplementary Table 2 Risk bias analysis for observational studies

Ref.	Selection				Comparability		Outcome		Total	
	S1	S2	S3	S4	С		O1	O2	О3	
Del Trigo et	1	2	1	1	2	2	1	1	1	61
al[18], 2016										

¹Criterion met (low risk of bias).

C: Comparability of cohorts on the basis of the design or analysis. O1: Assessment of outcome. O2: Was follow-up long enough for outcomes to occur. O3: Adequacy of follow-up of cohorts. S1: Representativeness of the exposed cohort. S2: Selection of the non-exposed cohort. S3: Ascertainment of exposure. S4: Demonstration that outcome of interest was not present at start of study. Total number of criteria met (expressed as number of stars, maximum = 9).

²Criterion not met or unclear risk of bias.