Supplementary Online Content


eFigure 1. Distribution of propensity scores overall and in matched subsets. The overall distributions of the propensity scores for the early surgery vs initial medical management groups overlap. The 5th and 95th Percentiles of the propensity scores of the matched set range from 1.51 to 1.04.
eFigure 2. Absolute standard differences between overall and matched populations. Absolute standard differences between early surgery vs initial medical management groups before and after propensity matching.
eFigure 3A. Incidence of new atrial fibrillation after diagnosis of mitral regurgitation due to mitral flail leaflet according to initial treatment strategy. Long term heart failure risk following early surgery (within 3 months of diagnosis) vs initial medical management in the overall population cohort (log-rank, P = .33).
eFigure 3B. Incidence of new atrial fibrillation after diagnosis of mitral regurgitation due to mitral flail leaflet according to initial treatment strategy. Propensity score–matched cohort (log-rank, P = .89).

This supplementary material has been provided by the authors to give readers additional information about their work.
Appendix Figure 2

Before matching
After matching
Appendix Figure 3a

Cumulative risk of AF (%)

- Medical
- Early surgery

P=0.33

Follow-up (years)
Appendix Figure 3b

Follow-up (years)

Cumulative risk of AF (%)

- Medical
- Early surgery

P=0.893