

Management of asymptomatic severe aortic stenosis: A systematic review and meta-analysis

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Supplementary Material

Supplementary Figure 1. PRISMA flow diagram of the study selection process.

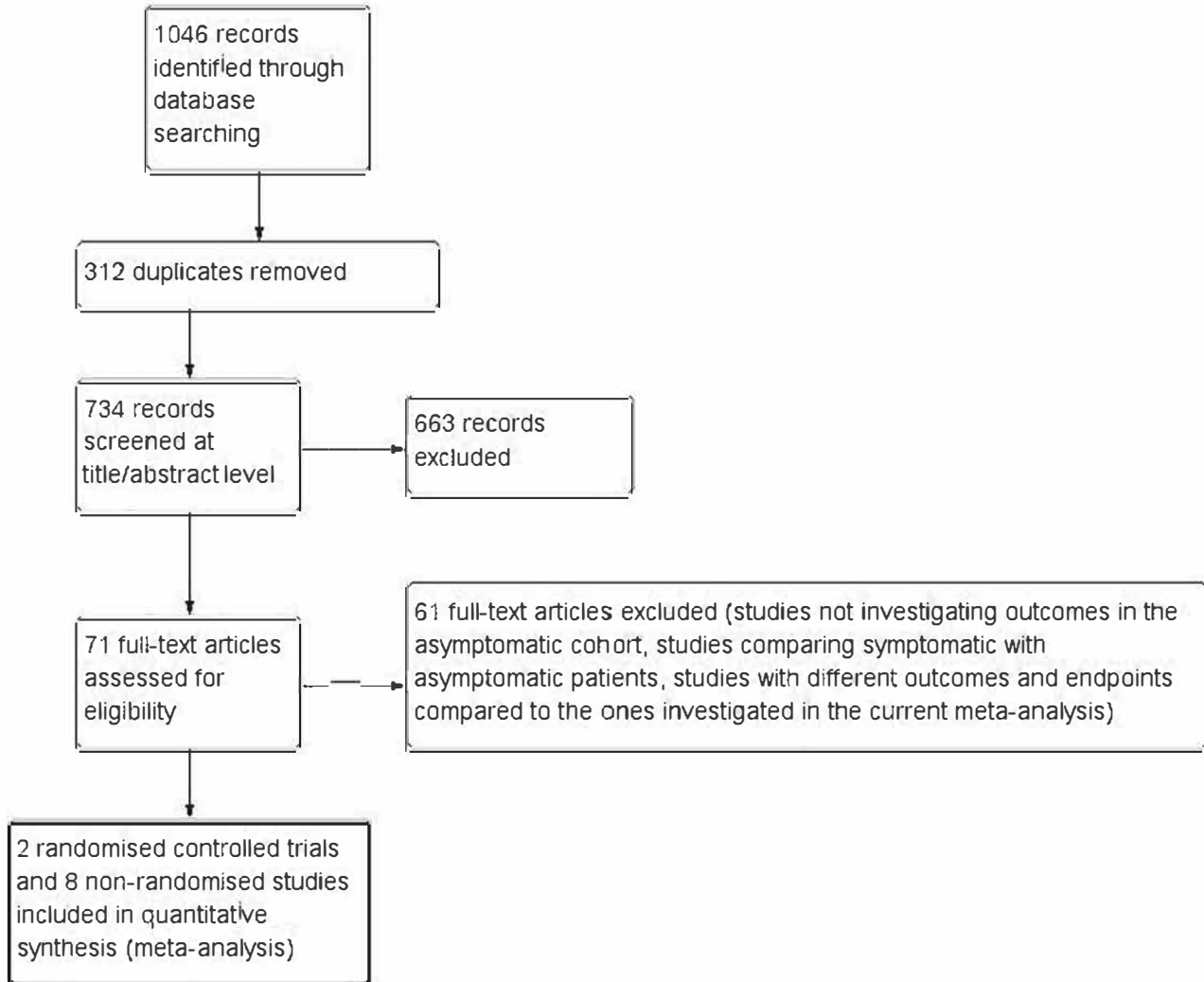
Supplementary Figure 2. Meta-analysis of AVATAR and RECOVERY trials focusing on cardiovascular death. No statistically significant differences were seen between the two treatment groups.

Supplementary Figure 3. Funnel plot for risk of all-cause mortality as derived from the eight observational studies demonstrating no evidence of significant publication bias

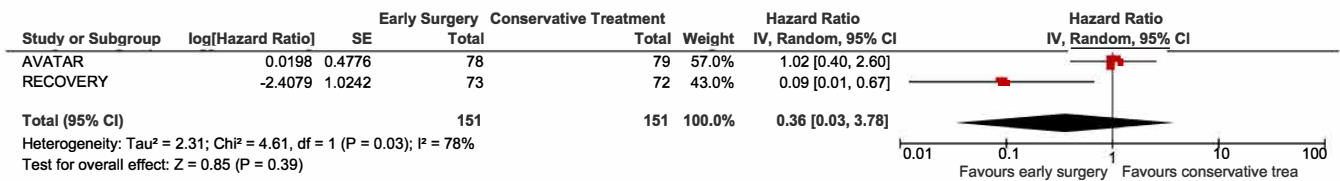
Supplementary Table 1. Cochrane Collaboration's tool for assessing risk of bias in randomised controlled trials

Supplementary Table 2. Number of events in each randomised controlled trial

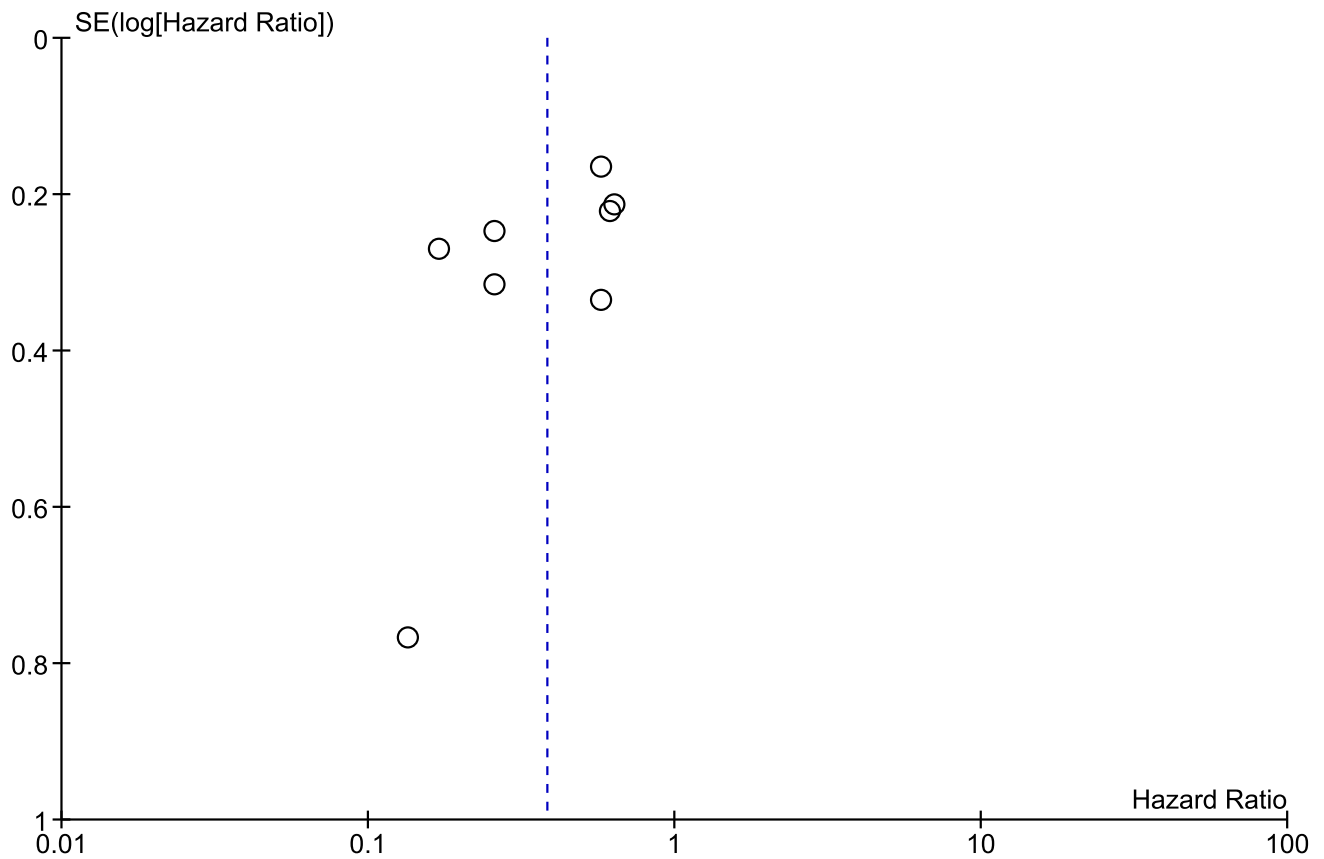
Supplementary Table 3. Newcastle-Ottawa Scale for non-randomised clinical trials

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Supplementary Table 1. Cochrane Collaboration's tool for assessing risk of bias in randomised controlled trials

Trial	Sequence generation	Allocation concealment	Performance bias	Detection bias	Attrition bias	Reporting bias
AVATAR	Low	Low	Low	Low	Low	Low
RECOVERY	Low	Low	Low	Low	Low	Low

Supplementary Table 2. Number of events in each randomised controlled trial

	AVATAR		RECOVERY	
	Early surgery	Conservative care	Early surgery	Conservative care
All-cause death - No (%)	9 (11.5%)	16 (20.2%)	5 (6.8%)	15 (20.8%)
Heart failure hospitalisation - No (%)	1 (1.2%)	7 (8.8%)	0 (0%)	8 (11.1%)
Myocardial infarction - No (%)	1 (1.2%)	2 (2.5%)	0 (0%)	1 (1.4%)
Stroke - No (%)	2 (2.5%)	1 (1.2%)	1 (1.3%)	3 (4.2%)

Supplementary Table 3. Newcastle-Ottawa Scale for non-randomised clinical trials

Study	Selection	Comparability	Outcome	Total	Quality of study
Pai	****	*	**	7	High
Kang	****	*	***	8	High
Le Tourneau	****	**	**	7	High
Taniguchi (CURRENT AS)	****	**	***	9	High
Masri	***	*	***	7	High
Bohbot	****	*	***	8	High
Campo	****	*	**	7	High
Kim	****	*	***	8	High