

**Table S1.** Databases and search strategies used in present systematic review

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Database	Coverage	Search run	Records
MEDLINE	1946 to present	ferritin AND myocardial infarction	20
		ferritin AND acute coronary syndrome	3
		ferritin AND myocardial infarction AND (adverse outcomes OR mortality)	11
		(ferritin OR iron deficiency) AND (myocardial infarction OR acute coronary syndrome OR percutaneous coronary intervention OR PCI)	294
		Total records = 328	
Embase	1966 to present	ferritin AND myocardial infarction	74
		ferritin AND acute coronary syndrome	111
		ferritin AND myocardial infarction AND (adverse outcomes OR mortality)	18
		(ferritin OR iron deficiency) AND (myocardial infarction OR acute coronary syndrome OR percutaneous coronary intervention OR PCI)	126
		Total records = 329	
Cochrane library	1967 to present	ferritin AND myocardial infarction	54
		ferritin AND acute coronary syndrome	18
		ferritin AND myocardial infarction AND (adverse outcomes OR mortality)	32
		(ferritin OR iron deficiency) AND (myocardial infarction OR acute coronary syndrome OR percutaneous coronary intervention OR PCI)	88
		Total records = 192	
ALL RECORDS = 849			