

Additional file 1: search strategy for English databases

Database	Search strategy
PubMed	<p>#1 "Myocardial Infarction"[Mesh] #2 (((myocardial infarction*[Title/Abstract]) OR cardiovascular stroke*[Title/Abstract]) OR heart attack*[Title/Abstract]) OR myocardial infarct[Title/Abstract] #3 #1 or #2 #4 (cardiovascular event*[Title/Abstract]) OR cardiovascular disease[Title/Abstract] #5 #3 NOT #4 #6 random*[Title/Abstract] #7 ("Clinical Trial" [Publication Type]) NOT ("Clinical Trial, Phase I" [Publication Type] OR "Observational Study" [Publication Type]) #8 ("Clinical Trials as Topic"[Mesh]) NOT ("Clinical Trials, Phase I as Topic"[Mesh] OR "Observational Studies as Topic"[Mesh]) #9 #6 or #7 or #8 #10 #5 and #9 Filters: Humans [Date - Publication]:2009/01/01-2019/01/01</p>
Cochrane Library	<p>#1 (myocardial infarction):ti,ab,kw OR (cardiovascular stroke*):ti,ab,kw OR (heart attack*):ti,ab,kw OR (myocardial infarct) :ti,ab,kw #2 (cardiovascular event*):ti,ab,kw OR (cardiovascular disease):ti,ab,kw #3 #1 NOT #2 Publication year from 2009 to 2019, in Trials: 11252</p>
Web of science	<p>#1 TS=(Myocardial Infarction* OR cardiovascular stroke* OR heart attack* OR myocardial infarct) NOT TS=(cardiovascular event* OR cardiovascular disease) #2 TS=random* #3 TS=(clinical trial) NOT TS=(observational study) #4 TS=(clinical trials) NOT TS=(observational studies) #5 #2 OR #3 OR #4 #6 #1 AND #5 Language: English Date: 2009 to 2019</p>