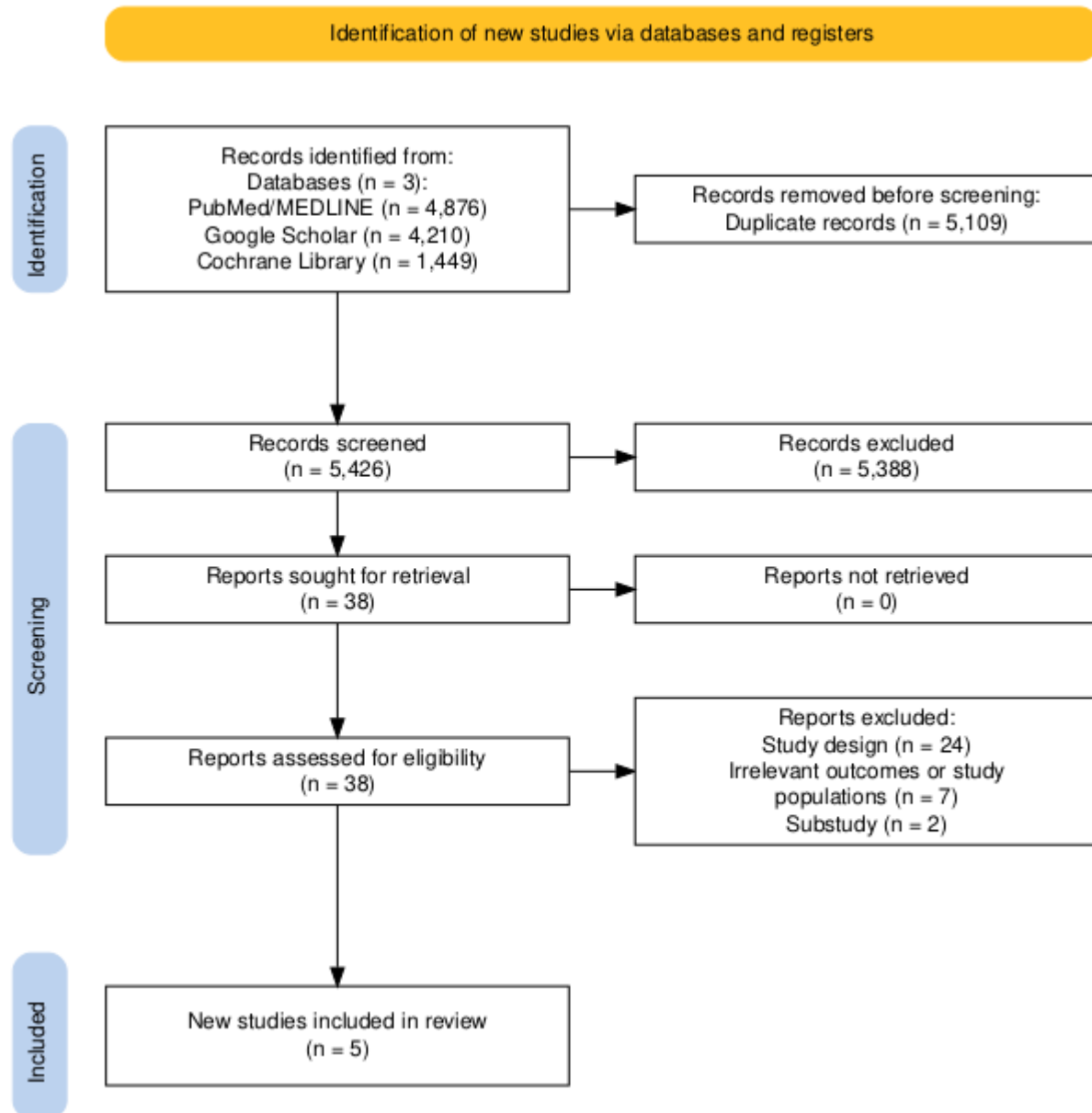


**Supplementary Table SI.** Search strategy

PubMed/MEDLINE	<p>((("Myocardial Infarction"[Majr]) OR "post myocardial infarction"[Title/Abstract] OR "post-myocardial infarction"[Title/Abstract] OR "myocardial infarction survivors"[Title/Abstract]) AND (("Adrenergic beta-Antagonists"[MeSH Terms]) OR "beta blocker"[Title/Abstract] OR "beta blockers"[Title/Abstract] OR "β-blocker"[Title/Abstract] OR "β-blockers"[Title/Abstract] OR "Bisoprolol"[Title/Abstract] OR "Carvedilol"[Title/Abstract] OR "Metoprolol"[Title/Abstract] OR "Nebivolol"[Title/Abstract] OR "Propranolol"[Title/Abstract] OR "Timolol"[Title/Abstract]))</p>	4,876
Google Scholar	<p>"Myocardial infarction" AND ("beta blocker" OR "beta blockers" OR "beta-blocker" OR "beta-blockers") AND ("randomized controlled trial" OR "RCT" OR "clinical trial") -"review" -"meta-analysis" -"observational" -"animal"</p>	4,210
Cochrane Library	<p>"Myocardial Infarction" OR "heart attack" OR "heart attacks" OR "Myocardial Infarcts" OR "Myocardial Infarct" OR "cardiovascular stroke" OR "Myocardial Infarctions" in Title Abstract Keyword AND beta-blocker OR beta-blockers OR "β-blockers OR "β-blocker OR Adrenergic beta-Antagonists in Title Abstract Keyword</p>	1,449

Supplementary Figure S1. PRISMA Flow Diagram



**Supplementary Figure S2.** Traffic light plot RoB 2 tool for risk of bias assessment

		Risk of bias domains					Overall
		D1	D2	D3	D4	D5	
Study	CAPITAL-RCT						
	ABYSS						
	REDUCE-AMI						
	BETAMI + DANBLOCK						
	REBOOT						

Domains:  
D1: Bias arising from the randomization process.  
D2: Bias due to deviations from intended intervention.  
D3: Bias due to missing outcome data.  
D4: Bias in measurement of the outcome.  
D5: Bias in selection of the reported result.

Judgement  
 Some concerns  
 Low

**Supplementary Figure S3.** Summary plot RoB 2 tool for risk of bias assessment

