

Table S1. The search strategy of the included databases with syntaxes

Dataset	Search Syntax	Result
PubMed	((("Nonbacterial Thrombotic Endocarditis"[MeSH Terms] OR "Nonbacterial Thrombotic Endocarditis"[Title/Abstract] OR "Noninfective Endocarditis"[Title/Abstract] OR "Libman-Sacks Endocarditis"[Title/Abstract] OR "NBTE"[Title/Abstract]) AND ("Anticoagulants"[MeSH Terms] OR "Anticoagulants"[Title/Abstract]))	51
Scopus	(TITLE-ABS-KEY("nonbacterial thrombotic endocarditis" OR "noninfective endocarditis" OR "Libman-Sacks endocarditis" OR "NBTE") AND TITLE-ABS-KEY("anticoagulants"))	926
Embase	('nonbacterial thrombotic endocarditis'/exp OR 'nonbacterial thrombotic endocarditis' OR 'noninfective endocarditis' OR 'Libman-Sacks endocarditis' OR 'NBTE') AND ('anticoagulant agent'/exp OR 'anticoagulants')	439
Total (with duplication)		1416
Number of Duplication		235
Total (without duplication)		1181