

Appendix. Searching method for PubMed, Central, Scopus and CINAHL (on October 22, 2022).

A, PubMed	
Search number	Query
1	"Coronary Artery Bypass"[Mesh] OR "Cardiovascular Surgical Procedures"[Mesh]
2	coronary artery disease[Title/Abstract]
3	(Coronary artery bypass graft[Title/Abstract]) OR (CABG[Title/Abstract])
4	(#1 AND #2) AND #3
5	"Stem Cells"[Mesh] OR "Stem Cell Research"[Mesh]
6	(cardiac function*[Title/Abstract] OR heart function*[Title/Abstract] OR mortality[Title/Abstract]) OR ("Heart Function Tests"[Mesh]) OR "Mortality"[Mesh]
7	#5 AND #6
8	(Randomized Controlled Trial[Publication Type] OR Controlled Clinical Trial[Publication Type] OR Randomized Controlled Trials[MeSH Terms]) OR (randomized clinical trial[Title/Abstract] OR control group[Title/Abstract])
9	("Observational Study"[Publication Type] OR "Observational Studies as Topic"[Mesh] OR "Epidemiologic Studies"[Mesh]) OR (observational study[Title/Abstract])
10	#7 AND (#8 AND #9)

B, Central	
Search number	Query
1	MeSH descriptor: [Coronary Artery Bypass] explode all trees
2	MeSH descriptor: [Cardiovascular Surgical Procedures] explode all trees
3	("coronary artery bypass graft"):ti,ab,kw OR (CABG):ti,ab,kw
4	(coronary artery disease):ti,ab,kw
5	((#1 OR #2) AND #3) AND #4
6	MeSH descriptor: [Stem Cells] explode all trees
7	MeSH descriptor: [Stem Cell Research] explode all trees
8	#6 OR #7
9	MeSH descriptor: [Heart Function Tests] explode all trees
10	(cardiac function*):ti,ab,kw OR (heart function*):ti,ab,kw
11	MeSH descriptor: [Mortality] explode all trees
12	(#5 AND #8) AND (#9 OR #10 OR #11)

C, Scopus	
((( TITLE-ABS-KEY ( cardiac AND function* ) OR TITLE-ABS-KEY ( heart AND function* ) OR TITLE-ABS-KEY ( heart AND function AND test* ) OR TITLE-ABS-KEY ( mortality ))) AND ((( TITLE-ABS-KEY ( coronary AND artery AND bypass AND graft ) OR TITLE-ABS-KEY ( cabg ))) AND (( TITLE-ABS-KEY ( coronary AND artery AND bypass ) OR TITLE-ABS-KEY ( cardiovascular AND surgical AND procedures ))) AND ( TITLE-ABS-KEY ( coronary AND artery AND disease ))) AND (( TITLE-ABS-KEY ( stem AND cell* ) OR TITLE-ABS-KEY ( stem AND cell AND research )))	

))) AND ((( TITLE-ABS-KEY ( observational AND stud\* ) OR TITLE-ABS-KEY ( epidemiologic AND stud\* ) OR TITLE-ABS-KEY ( cohort AND study ) OR TITLE-ABS-KEY ( cross-sectional AND study ) OR TITLE-ABS-KEY ( case-control AND study ))) OR (( TITLE-ABS-KEY ( randomized AND controlled AND trial ) OR TITLE-ABS-KEY ( randomised AND controlled AND trial ) OR TITLE-ABS-KEY ( controlled AND clinical AND trial ) OR TITLE-ABS-KEY ( randomized AND clinical AND trial ) OR TITLE-ABS-KEY ( control AND group ))) AND ( LIMIT-TO ( DOCTYPE "ar" ) )

D, CINAHL	
Search number	Query
S1	TI coronary artery disease OR AB coronary artery disease Expanders - Apply equivalent subjects Search modes - Find all my search terms
S2	TI ( coronary artery bypass graft or cabg or coronary artery bypass surgery or cardiac surgery ) OR AB ( coronary artery bypass graft or cabg or coronary artery bypass surgery or cardiac surgery ) Expanders - Apply equivalent subjects Search modes - Find all my search terms
S3	S1 AND S2 Expanders - Apply equivalent subjects Search modes - Find all my search terms
S4	TI stem cells OR AB Stem Cells Expanders - Apply equivalent subjects Search modes - Find all my search terms
S5	S3 AND S4 Expanders - Apply equivalent subjects Search modes - Find all my search terms

CABG, coronary artery bypass grafting; CINAHL, Cumulative Index to Nursing and Allied Health Literature.