

Appendix 1 Search strategies

Database: PubMed (data run: 2023/6/20)

ID	Search strategy	Hits
#1	Troponin	2442
#2	Cardiac Troponin	2089
#3	Syncope	944
#4	((Troponin) OR (Cardiac Troponin)) OR (Syncope)	3383
#5	((((Troponin) OR (Cardiac Troponin)) OR (Syncope)) AND (Clinical outcomes))	289

Database: Embase (data run: 2023/6/20)

ID	Search strategy	Hits
#1	Troponin	2407
#2	Cardiac Troponin	1661
#3	Syncope	925
#4	((Troponin) OR (Cardiac Troponin)) OR (Syncope)	3502
#5	((((Troponin) OR (Cardiac Troponin)) OR (Syncope)) AND (Clinical outcomes))	1100

Database: Cochrane Library (CENTRAL) (data run: 2023/6/20)

ID	Search strategy	Hits
#1	Troponin	5389
#2	Cardiac Troponin	3626
#3	Syncope	1856
#4	((Troponin) OR (Cardiac Troponin)) OR (Syncope)	749
#5	((((Troponin) OR (Cardiac Troponin)) OR (Syncope)) AND (Clinical outcomes))	37

Database: Web of Science (data run: 2023/6/20)

ID	Search strategy	Hits
#1	Troponin	5876
#2	Cardiac Troponin	3219
#3	Syncope	1305
#4	((Troponin) OR (Cardiac Troponin)) OR (Syncope)	935
#5	((((Troponin) OR (Cardiac Troponin)) OR (Syncope)) AND (Clinical outcomes))	622