

## Appendix A: search strategy

Database	Concept			
	Rural/remote	Time	Acute myocardial infarction	Emergency
Scopus	1.ALL ("rural health" OR "RURAL POPULATION" OR "RURAL nursing" OR "RURAL health services") 2._ALL (remot* OR rural*)	1._ALL ("transit* tim*" OR "tim* transit*") 2. ALL ("transport* tim*" OR "tim*transport*") 3. ALL ("tim* to hospital*") 4._ALL ("tim* to treat*" OR "treat* tim*") 5. ALL ("prehospital* time*" OR "or pre-hospital*time*") 6._ALL ("deliver*tim*") 7._ALL ("time factors") 8._ALL ("tim* element*") 9._ALL ("tim*critical*")	ALL ("Cardiovascular Diseases" OR "Coronary Disease" OR "Coronary Artery Disease" OR "Myocardial Infarction")	1.ALL (ambulance OR "emergency health service" OR "paramedical personnel" OR "rescue personnel" OR "emergency care") 2.ALL (ambulanc* OR paramedic* OR para-medic* )
Medline/Embase	1.exp RURAL HEALTH/ or RURAL POPULATION/ or exp HOSPITALS, RURAL/ or exp RURAL NURSING/ or exp RURAL HEALTH SERVICES/  2. (remot* or rural*).af.	1. (transit* tim* or tim* transit*).af. 2. (transport* tim* or tim* transport*).af. 3. tim* to hospital*.af. 4. (tim* to treat* or treat* tim*).af. 5. prehospital* time* or pre-hospital*time*).af. 6. deliver*time*.af. 7. exp Time Factors/ 8. exp TIME/ 9. tim* element*.af. 10. time critical*.af.	1.exp Myocardial Infarction/  2.exp Cardiovascular Diseases/ or exp Coronary Disease/ or exp Coronary Artery Disease/	1. exp ambulance/ 2. exp emergency health service/ or exp paramedical personnel/ or exp rescue personnel/ 3. exp emergency care/ 4. (ambulanc* or paramedic* or para-medic*).af.
Cochrane library	1. MeSH descriptor: [Rural Health] explode all trees  2. RURAL POPUL* (Word variations have been searched)  3. RURAL nur*  4. RURAL health service* 5. health service* rural*  6. remot* or rural* (Word variations have been searched)	1."tim* transit*" or "transit* tim*" 2."time to hospital*" or "time to admiss*" 3."transport* tim*" or "tim* transport*" 4."tim* element*" or "element* tim*" 5."treat* tim*" or "tim* treat*" 6."tim* critic*" or "crit* tim*" 7."prehospital* Tim*" or "pre-hospital* tim*" 8."deliver* tim*" 9. MeSH descriptor: [Time Factors] 10. MeSH descriptor: [Time]	1.MeSH descriptor: [Myocardial Infarction]  2.MeSH descriptor: [Cardiovascular Diseases]  3.MeSH descriptor: [Coronary Disease]  4.MeSH descriptor: [Coronary Artery Disease]	1.MeSH descriptor: [Ambulances]  2.MeSH descriptor: [Emergency Medical Services]  3.MeSH descriptor: [Allied Health Personnel]  4. ambulanc* or paramedic* or para-medic*