

Full search strategy for Pubmed

((("emergency medical services" [Mesh: NoExp] OR "Emergency Medical Technicians"[Mesh] OR "Ambulances"[Mesh] OR prehospital [ti] OR pre-hospital[ti] OR ambulance*[tiab] OR emergency medical service*[tiab] OR paramedic*[tiab] OR emergency respon*[tiab])) AND ("Referral and Consultation"[Mesh:NoExp] OR convey*[tiab] OR "transportation of patients"[Mesh:NoExp] OR Treat and release [tiab] OR non-transport*[tiab] OR nontransport*[tiab] OR transport*[ti] OR stay at home[tiab])) AND ("Decision Making"[Mesh:NoExp] OR "Decision Support Techniques"[Mesh] OR "Emergency Medical Services/utilization"[Mesh] OR "Emergency Medical Technicians/utilization"[Mesh] OR decision*[tiab] OR decid*[tiab] OR determin*[tiab]))

Search strategies for all the searches performed

Steps	PubMed	Embase	Cinahl
S1	"emergency medical services" [Mesh: NoExp] OR "Emergency Medical Technicians"[Mesh] OR "Ambulances"[Mesh] OR prehospital [ti] OR pre-hospital[ti] OR ambulance*[tiab] OR emergency medical service*[tiab] OR paramedic*[tiab] OR emergency respon*[tiab]	'emergency health service'/exp OR (prehospital OR 'pre hospital' OR ambulance* OR 'emergency medical technicians' OR paramedic* OR 'emergency respon*' OR 'paramedical personell' OR 'ambulance nurs*'):ab,ti	(MM "Emergency Medical Services/UT") OR (MH "emergency medical technicians") OR TI ("Prehospital" OR "pre-hospital" OR ambulance* OR "emergency medical service*" OR "emergency ambulance technicians" OR "paramedic*" OR "emergency respon*" OR "paramedical personell" OR "ambulance nurs*") OR AB ("Prehospital" OR "pre-hospital" OR ambulance* OR "emergency medical service*" OR "emergency ambulance technicians" OR "paramedic*" OR "emergency respon*" OR "paramedical personell" OR "ambulance nurs*")
S2	"Referral and Consultation"[Mesh:NoExp] OR convey*[tiab] OR "transportation of patients"[Mesh:NoExp] OR Treat and release [tiab] OR non-transport*[tiab] OR nontransport*[tiab] OR transport*[ti] OR stay at home[tiab]	'patient transport'/exp OR 'ambulance transportation'/exp OR ("Treat and release OR non-transport*" OR nontransport* OR transport* OR "stay at home" OR convey*):ab,ti	(MM "Transportation of Patients/AE/MO") OR (MH "Referral and Consultation+") OR TI (Treat and release OR non-transport* OR nontransport* OR transport* OR stay at home OR OR convey*) OR AB (Treat and release OR non-transport* OR nontransport* OR transport* OR stay at home OR convey*)
S3	"Decision Making"[Mesh:NoExp] OR "Decision Support Techniques"[Mesh] OR "Emergency Medical Services/utilization"[Mesh] OR "Emergency Medical Technicians/utilization"[Mesh] OR decision*[tiab] OR decid*[tiab] OR determin*[tiab]	'decision making'/exp OR ("decision making"):ab,ti	(MM "Triage") OR (MH "Decision Making, Clinical") OR (MH "Decision Making, Organizational") OR (MH "Decision Making, Patient+") OR (MH "Decision Making, Family") OR (MH "Decision Making, Ethical") OR (MH "Decision Making+") OR TI ("decision making" OR decision* OR decid* OR determin*) OR AB ("decision making" OR decision* OR decid* OR determin*)
S4	S1 and S2 and S3	S1 and S2 and S3	S1 and S2 and S3
S5	Limiters English[la] OR Dutch[la] OR German[la]	Limiters English OR Dutch OR German	Limiters English OR Dutch OR German