**Appendix 1 Search Strategy for Each Database**

**1. PubMed**

("Social Skills"[Mesh] OR "Leadership"[Mesh] OR "Health Services Administration"[Mesh] OR "Decision Making"[Mesh] OR "Communication"[Mesh] OR "Cognition"[Mesh] OR leadership[Title/Abstract] OR non-technic[Title/Abstract] OR nontechnic[Title/Abstract] OR management[Title]) AND (skill\*[Title] OR knowledge[Title] OR ability[Title] OR competenc\*[Title] OR "Aptitude"[Mesh]) AND ("Disasters"[Mesh] OR "Emergencies"[Mesh] OR "Mass Casualty Incidents"[Mesh] OR crisis[Title/Abstract] OR emergenc\*[Title/Abstract] OR disaster\*[Title/Abstract])

**2. MEDLINE**

('disaster\*':ti,ab,kw OR 'emergenc\*':ti,ab,kw OR 'crisis':ti,ab,kw) AND ('competenc\*':ti,ab,kw OR 'ability':ti,ab,kw OR 'skill\*':ti,ab,kw OR 'knowldge':ti,ab,kw) AND ('nontechnical':ti,ab,kw OR 'social skills':ti,ab,kw OR 'administraion':ti,ab,kw OR 'management skills':ti,ab,kw OR 'cognitive skills' OR (cognitive AND skills) OR 'communication'/exp OR communication)

**3. ERIC**

(abstract:"Social Skills" OR abstract:"Leadership" OR abstract:"Administration" OR abstract:"Decision Making" OR abstract:"Communication" OR abstract:"leadership" OR abstract:"non-technical" OR abstract: "nontechnical" OR abstract:"management") AND (abstract:"skill\*" OR abstract:"knowledge" OR abstract:"ability" OR abstract:"competenc\*") AND (abstract:"Disasters" OR abstract:"Emergencies" OR abstract:"Mass Casualty Incidents" OR abstract:"crisis")

**4. Google Scholar**

1. "non-technical skill" and "health" and "emergency" 460 results
2. "non-technical skill" and "health" and ("disasters" OR "disaster")

**5. Scopus**

( ( TITLE-ABS-KEY ( nontechnical AND skills ) OR TITLE-ABS-KEY ( non-technical AND skills ) OR TITLE-ABS-KEY ( social AND skills ) OR TITLE-ABS-KEY ( communication AND skills ) OR TITLE ( administration ) OR TITLE ( management ) OR TITLE-ABS-KEY ( leadership ) ) ) **AND** ( ( ( ( TITLE-ABS-KEY ( skill\* ) OR TITLE-ABS-KEY ( knowledge ) OR TITLE-ABS-KEY ( ability ) OR TITLE-ABS-KEY ( competenc\* ) ) ) **) AND** ( ( TITLE-ABS-KEY ( disasters ) OR TITLE-ABS-KEY ( emergencies ) OR TITLE-ABS-KEY ( mass AND casualty AND incidents ) OR TITLE-ABS-KEY ( crisis ) ) ) ) **AND** ( ( TITLE-ABS-KEY ( health ) OR TITLE-ABS-KEY ( medicine ) ) ) **AND**  ( LIMIT-TO ( DOCTYPE , "ar " ) OR LIMIT-TO ( DOCTYPE , "re " ) OR LIMIT-TO ( DOCTYPE , "cp " ) OR LIMIT-TO ( DOCTYPE , "ch " ) OR LIMIT-TO ( DOCTYPE , "bk " ) ) **AND** ( LIMIT-TO ( LANGUAGE , "English " ) )

**6. Cochrane**

#1 nontechnical skills:ti,ab,kw or leadership:ti,ab,kw or comunication:ti,ab,kw or social skills:ti,ab,kw or management:ti (Word variations have been searched)

#2 emergency:ti,ab,kw or disaster:ti,ab,kw or crisis:ti,ab,kw or Mass Casualty:ti,ab,kw (Word variations have been searched)

#3 skill:ti,ab,kw or knowledge:kw or ability:ti,ab,kw or competence:ti,ab,kw (Word variations have been searched)

#4 health:ti,ab,kw or medicine:ti,ab,kw (Word variations have been searched)

#5 #1 and #2 and #3 and #4