**Appendix 1:** **Peer-reviewed literature search strategy**

Pubmed:

("Disasters"[Mh] OR "Disaster Medicine"[Mh] OR "Earthquakes"[Mh] OR "Tsunamis"[Mh] OR "Volcanic Eruptions"[Mh] OR "Avalanches"[Mh] OR "Terrorism"[Mh] OR "disaster"[All Fields] OR "disasters"[All Fields] OR "earthquake"[All Fields] OR "earthquakes"[All Fields] OR "earth quake"[All Fields] OR "earth quakes"[All Fields] OR "tsunami"[All Fields] OR "tsunamis"[All Fields] OR "volcanic"[All Fields] OR "volcano"[All Fields] OR "avalanche"[All Fields] OR "avalanches"[All Fields] OR "terrorist"[All Fields] OR "terrorism"[All Fields]) AND ("Education, Medical"[Mh:noexp] OR "Education, Medical, Continuing"[Mh] OR "Education, Medical, Graduate"[Mh] OR "Teaching"[mh] OR "Models, Educational"[mh] OR "patient simulation"[mh] OR "Problem-based learning"[mh] OR "programmed instruction as topic"[mh] OR "computer-assisted instruction"[mh] OR "medical education"[All Fields] OR "training"[All Fields])

--- Last searched 12/12/13: 3843 Results

Embase:

(‘disaster’/exp OR ‘disaster medicine’/exp OR ‘disaster planning’/exp OR ‘earthquake’/exp OR ‘tsunami’/exp OR ‘volcano’/exp OR ‘avalanche’/exp OR ‘terrorism’/exp OR ‘disasters’ OR ‘earthquakes’ OR ‘tsunamis’ OR ‘avalanches’ OR ‘terrorist’ OR ‘terrorism’) AND (‘medical education’/exp OR ‘teaching’/exp OR ‘educational model’/exp OR ‘problem based learning’/exp OR ‘training’/exp)

---Last searched 12/12/13: 4218 Results

Web of Science:

TS=(("disaster" OR “disasters” OR "disaster medicine" OR “earthquakes” OR “earthquake” OR “earth quake” OR “earth quakes” OR “tsunami” OR “tsunamis” OR “volcano” OR “volcanic” OR “avalanche” OR “avalanches” OR “terrorism” OR “terrorist”) AND (“medical education” OR “teaching” OR “educational model” OR “educational models” OR “patient simulation” OR “problem based learning” OR “problem-based learning” OR “training” OR “instruction”))

---Last searched 12/12/13: 2373 Results

Scopus:

TITLE-ABS-KEY(({disaster} OR {disasters} OR {disaster medicine} OR {earthquakes} OR {earthquake} OR {earth quake} OR {earth quakes} OR {tsunami} OR {tsunamis} OR {volcano} OR {volcanic} OR {avalanche} OR {avalanches} OR {terrorism} OR {terrorist}) AND ({medical education} OR {teaching} OR {educational model} OR {educational models} OR {patient simulation} OR {problem based learning} OR {problem-based learning} OR {training} OR {instruction}))

---Last searched 12/12/13: 6763 Results

Cochrane - Title, Abstract, Keyword Search

("disaster" OR "disasters" OR “disaster medicine” OR “earthquake” OR “earthquakes” OR “earth quake” OR “earth quakes” OR “tsunami” OR “tsunamis” OR “volcano” OR “volcanic” OR “avalanche” OR “avalanches” OR “terrorism” OR “terrorist”) AND (“medical education” OR “teaching” OR “educational model” OR “educational models” OR “patient simulation” OR “problem based learning” OR “problem-based learning” OR “training” OR “instruction”)

---Last searched 12/12/13: 31 Results