

Supplementary Table 1. The systematic search strategies for each database

Database	Search	No. of results
Web of Science Core Collection	<p>(Family NEAR/4 presence OR family NEAR/4 support OR family NEAR/4 witness OR family NEAR/4 participation OR Family’s NEAR/4 presence OR family’s NEAR/4 support OR family’s NEAR/4 witness OR family’s NEAR/4 participation OR parent NEAR/4 presence OR parent NEAR/4 support OR parent NEAR/4 witness OR parent NEAR/4 participation OR parental NEAR/4 support OR parental NEAR/4 presence OR parental NEAR/4 participation OR parents’ NEAR/4 presence OR parents’ NEAR/4 support OR parental NEAR/4 witness OR parents’ NEAR/4 participation OR caregiver NEAR/4 presence OR “loved one” NEAR/4 presence OR “family centered” OR carer OR caretaker OR “external distractors”)</p> <p>AND</p> <p>(resuscitation OR “cardiac arrest” OR "heart arrest" OR “advanced cardiovascular life support” OR shock OR trauma OR “critical illness” OR intubation OR emergency OR pulseless)</p> <p>AND</p> <p>(simulation OR training OR education OR “standardized patient” OR “simulated patient”)</p>	1,043
CINAHL	<p>((family OR parent OR parental OR caregiver OR loved one OR carer OR caregiver) N4 (presence OR support OR witness OR participation)) OR “family centered” OR “external distractors”</p> <p>AND</p> <p>(resuscitation OR “cardiac arrest” OR "heart arrest" OR “advanced cardiovascular life support” OR shock OR trauma OR “critical illness” OR intubation OR emergency OR pulseless)</p> <p>AND</p> <p>(simulation OR training OR education OR “standardized patient” OR “simulated patient”)</p>	747
MEDLINE (via PubMed)	<p>("Family presence"[Title/Abstract:~4] OR “family support”[Title/Abstract:~4] OR “family witness”[Title/Abstract:~4] OR “family participation”[Title/Abstract:~4] OR "Family’s presence"[Title/Abstract:~4] OR “family’s support”[Title/Abstract:~4] OR “family’s witness”[Title/Abstract:~4] OR “family’s participation”[Title/Abstract:~4] OR "parent presence"[Title/Abstract:~4] OR “parent support”[Title/Abstract:~4] OR “parent witness”[Title/Abstract:~4] OR</p>	552

	<p>“parent participation”[Title/Abstract:~4] OR “external distractors” OR “parental support”[Title/Abstract:~4] OR “parental presence”[Title/Abstract:~4] OR “parental participation”[Title/Abstract:~4] OR "parents’ presence"[Title/Abstract:~4] OR “parents’ support”[Title/Abstract:~4] OR “parental witness”[Title/Abstract:~4] OR “parents’ participation”[Title/Abstract:~4] OR “caregiver presence”[Title/Abstract:~4] OR “loved one presence”[Title/Abstract:~4] OR “family centered”[tiab] OR carer[tiab] OR caretaker[tiab])</p> <p>AND</p> <p>("resuscitation"[MeSH Terms] OR "cardiopulmonary resuscitation"[MeSH Terms] OR Resuscitation[tiab] OR cardiac arrest[tiab] OR "heart arrest"[MeSH Terms] OR "Advanced Cardiac Life Support"[Mesh] OR “advanced cardiovascular life support”[tiab] OR shock[tiab] OR trauma[tiab] OR “critical illness”[tiab] OR "Intubation"[Mesh] OR intubation[tiab] OR emergency[tiab] OR pulseless[tiab])</p> <p>AND</p> <p>("Simulation Training"[Mesh] OR "Inservice Training"[Mesh] OR simulation[tiab] OR training[tiab] OR education[tiab] OR “standardized patient”[tiab] OR “simulated patient”[tiab])</p>	
Embase	<p>((family NEAR/4 presence) OR (family NEAR/4 support) OR (family NEAR/4 witness) OR (family NEAR/4 participation) OR (parent NEAR/4 presence) OR (parent NEAR/4 support) OR (parent NEAR/4 witness) OR (parent NEAR/4 participation) OR (parental NEAR/4 support) OR (parental NEAR/4 presence) OR (parental NEAR/4 participation) OR (parental NEAR/4 witness) OR (caregiver NEAR/4 presence) OR ('loved one' NEAR/4 presence) OR 'family centered' OR 'family centered care'/exp OR carer:ti,ab OR caretaker:ti,ab OR 'external distractors':ti,ab) AND ('resuscitation'/exp OR resuscitation:ti,ab OR 'cardiac arrest':ti,ab OR 'heart arrest':ti,ab OR 'advanced life support'/exp OR shock:ti,ab OR trauma:ti,ab OR 'critical illness':ti,ab OR intubation:ti,ab OR emergency:ti,ab OR pulseless:ti,ab) AND ('simulation training'/exp OR 'education'/exp OR simulation:ti,ab OR training:ti,ab OR education:ti,ab OR 'standardized patient':ti,ab OR 'simulated patient':ti,ab) AND ([embase]/lim OR [embase classic]/lim) AND [english]/lim AND ([article]/lim OR [article in press]/lim) AND [01-01-1999]/sd NOT [06-05-2023]/sd</p>	267