Supplementary Digital Content 1 Sample search strategy for Medline electronic search data-base	
S1	TX "situational awareness" OR "situation awareness"
S2	AB "non-technical skill*" OR "non-technical skill*"
S3	AB "crew resource management"
S4	AB "crisis resource management"
S5	(MM "Crew Resource Management, Healthcare")
S6	situation OR situational
S7	(MM "Awareness")
S8	S6 AND S7
S9	TX "situation awareness global assessment technique" OR SAGAT OR "Situation Present Assessment Method" OR "Situational Awareness Rating Technique "Ottawa CRM global rating scale " OR "Ottawa global rating scale" OR "ANTS" N5 (system* OR scale OR behavioural) OR "Anaesthetists Non-Technical Skills System" OR "Oxford NOTECH* " OR NOTECH* OR NOTSS OR "non-technical skills for surgeons" or "NURSE ANAESTHETISTS NON-TECHNICAL SKILLS SYSTEM" Or (n-ants) OR
S10 (All SA relevant terms)	S1 OR S2 OR S3 OR S4 OR S5 OR S8 OR S9
S11	AB program* OR train* OR teach* OR learn* OR simulat* OR educat* OR instruct* OR "e learn*" or "e-learn*" OR "virtual learn*" OR "continuous professional development" OR "curricul*" OR "problem based learn*" OR serious game* Or "computer assisted learn*" OR course*
S12	AB (MH "Curriculum") OR (MH "Education, Distance") OR (MH "Problem-Based Learning") OR (MH "Simulation Training") OR (MH "High Fidelity Simulation Training") OR (MH "Patient Simulation")
S13	AB (MH "Education+") OR "education" OR (MH "Education, Nursing+") OR (MH "Education, Graduate+") OR (MH "Education, Continuing+") OR (MH "Clinical Clerkship") OR (MH "Education, Medical+") OR (MH "Education, Medical, Continuing") OR (MH "Education, Nursing, Continuing") OR (MH "Education, Medical, Graduate") OR (MH

	"Education, Nursing, Graduate") OR (MH "Education, Medical, Undergraduate") OR (MH "Education, Nursing, Associate") OR (MH "Education, Nursing, Baccalaureate") OR (MH "Education, Nursing, Diploma Programs") OR (MH "Nursing Education Research") OR (MH "Education, Professional+") OR (MH "Education, Premedical") OR (MH "Education, Professional, Retraining") OR OR (MH "Education, Premedical") OR (MH "Inservice Training")
S14	(MM "Hospital Rapid Response Team")
S15	AB (deteriorat* OR "clinical deterioration" OR "detection of deterioration" OR "rapid response *" OR "critical outreach team" OR "early warning" OR "early warning score" OR "national early warning score" OR "modified early warning score" or "early warning system*" or sepsis or septic#emia or resuscitation OR emergenc*) N5 (train* OR teach* OR learn* OR simulat* OR instruct* OR "e learn*" or "e-learn*" OR "virtual learn*" OR "continuous professional development" OR "curricul*" OR "problem based learn*" OR "serious game" OR "computer assisted learn*" OR course*
S16 (All education related terms)	S11 OR S12 OR S13 OR S14 OR S15
S17	S10 AND S16