

eTable 1 - Search Strategy for MEDLINE, Embase, Ovid@Journals

DATABASES	MEDLINE, EMBASE, Ovid@Journals
SEARCH ENGINE	Ovid
DATE RUN	Oct 5, 2018
SEARCH LIMITS	Duplicates Removed
STRATEGY	(#1 OR (#2 AND #3)) AND #4
#1	(double check\$3 or single check\$3).ti. or (double check\$3 or single check\$3).ab. or (double check\$3 or single check\$3).kf.
#2	(check\$3 or verif* or confirm* or administer\$3 or dispens\$3).ti. or (check\$3 or verif* or confirm* or administer\$3 or dispens\$3).ab. or (check\$3 or verif* or confirm* or administer\$3 or dispens\$3).kf.
#3	(two nurses or two people or two person or two pharmacist* or two practition* or second person or second nurse or second pharmacist* or second practition*).ti. or (two nurses or two people or two person or two pharmacist* or two practition* or second person or second nurse or second pharmacist* or second practition*).ab. or (two nurses or two people or two person or two pharmacist* or two practition* or second person or second nurse or second pharmacist* or second practition*).kf.
#4	(nursing or nurse\$1 or practitioner\$1 or pharmacist\$1 or pharmacy technician\$1 or medication error\$1 or drug error\$1 or dispensing error\$1 or administration error\$1 or medication safety or drug safety or drug administration\$1 or medication administration\$1 or drug preparation\$1 or medication preparation\$1 or drug dispensing or medication dispensing).ti. or (nursing or nurse\$1 or practitioner\$1 or pharmacist\$1 or pharmacy technician\$1 or medication error\$1 or drug error\$1 or dispensing error\$1 or administration error\$1 or medication safety or drug safety or drug administration\$1 or medication administration\$1 or drug preparation\$1 or medication preparation\$1 or drug dispensing or medication dispensing).ab. or (nursing or nurse\$1 or practitioner\$1 or pharmacist\$1 or pharmacy technician\$1 or medication error\$1 or drug error\$1 or dispensing error\$1 or administration error\$1 or medication safety or drug safety or drug administration\$1 or medication administration\$1 or drug preparation\$1 or medication preparation\$1 or drug dispensing or medication dispensing).kf.

eTable 2 - Search Strategy for CINAHL

DATABASES	CINAHL
SEARCH ENGINE	EBSCOHost
DATE RUN	Oct 5, 2018
SEARCH LIMITS	None
STRATEGY	(#1 OR (#2 AND #3)) AND #4
#1	TI ("double check*" OR "single check*") OR AB ("double check*" OR "single check*") OR MW ("double check*" OR "single check*")
#2	TI (check OR checked OR checking OR administer* OR dispens* OR verif* OR confirm*) OR AB (check OR checked OR checking OR administer* OR dispens* OR verif* OR confirm*) OR MW (check OR checked OR checking OR administer* OR dispens* OR verif* OR confirm*)
#3	TI ("two nurses" OR "two people" OR "two person" OR "second person" OR "second nurse" OR "two pharmacist*" OR "two practitioner*" OR "second pharmacist*" OR "second practitioner*") OR AB ("two nurses" OR "two people" OR "two person" OR "second person" OR "second nurse" OR "two pharmacist*" OR "two practitioner*" OR "second pharmacist*" OR "second practitioner*") OR MW ("two nurses" OR "two people" OR "two person" OR "second person" OR "second nurse" OR "two pharmacist*" OR "two practitioner*" OR "second pharmacist*" OR "second practitioner*")
#4	TI (nursing OR nurse# OR practitioner# OR pharmacist# OR "pharmacy technician#" OR "medication error#" OR "drug error#" OR "dispensing error#" OR "administration error#" OR "drug administration#" OR "medication administration#" OR "drug preparation#" OR "medication preparation#" OR "drug dispensing" OR "medication dispensing" OR "drug safety" OR "medication safety") OR AB (nursing OR nurse# OR practitioner# OR pharmacist# OR "pharmacy technician#" OR "medication error#" OR "drug error#" OR "dispensing error#" OR "administration error#" OR "drug administration#" OR "medication administration#" OR "drug preparation#" OR "medication preparation#" OR "drug dispensing" OR "medication dispensing" OR "drug safety" OR "medication safety") OR MW (nursing OR nurse# OR practitioner# OR pharmacist# OR "pharmacy technician#" OR "medication error#" OR "drug error#" OR "dispensing error#" OR "administration error#" OR "drug administration#" OR "medication administration#" OR "drug preparation#" OR "medication preparation#" OR "drug dispensing" OR "medication dispensing" OR "drug safety" OR "medication safety")

eTable 3 - Search Strategy for OpenGrey

DATABASES	OpenGrey
DATE RUN	Oct 5, 2018
SEARCH LIMITS	None
SEARCH TERMS	((("double check*" OR "single check*") OR ((check OR checked OR checking OR administer* OR dispens* OR verif* OR confirm*) AND ("two nurses" OR "two people" OR "two person" OR "second person" OR "second nurse" OR "two pharmacist*" OR "two practitioner*" OR "second pharmacist*" OR "second practitioner*"))) AND (nursing OR nurse* OR practitioner* OR pharmacist* OR "pharmacy technician*" OR "medication error*" OR "drug error*" OR "dispensing error*" OR "administration error*" OR "drug administration*" OR "medication administration*" OR "drug preparation*" OR "medication preparation*" OR "drug dispensing" OR "medication dispensing" OR "drug safety" OR "medication safety"))