

Supplement File 1. Search strategy

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Scopus

(TITLE-ABS-KEY ((patient* W/2 safe*) OR (patient* W/2 securit*) OR "adverse event*" OR "medical error*" OR "near miss" OR "near misses" OR "never event*" OR "sentinel event*" OR (safety W/1 inciden*) OR (error* W/1 process*) OR "medication error*" OR misprescri* OR "mis prescri*" OR "inappropriate prescribing" OR ((drug OR drugs) W/1 error*) OR ((medicat* OR prescri* OR drug* OR pharmaceutical* OR treatment* OR dispens*) W/1 (error* OR mistake* OR mix-up* OR mixup* OR inaccurac* OR blunder* OR incident* OR oversight* OR miscalculat*)) OR (medication* W/1 reconciliation)) AND TITLE-ABS-KEY (communicat* OR miscommunicat* OR ((legible OR understandable OR clear OR decipherable) W/1 (note OR notes)) OR "interprofessional relations" OR (interprofession* W/1 communicat*))) AND PUBYEAR > 2013 AND PUBYEAR < 2024 AND NOT INDEX (medline) ANDNOT TITLE-ABS-KEY ("Empirical Research" OR interview OR "Interviews as Topic" OR "Personal Narratives" OR "Focus Groups" OR narration OR "Nursing Methodology Research" OR "Narrative Medicine" OR interview* OR qualitative OR theme* OR thematic OR "ethnological research" OR ethnograph* OR ethnomedicine OR ethnnonursing OR phenomenol* OR "grounded theor*" OR "grounded study" OR "grounded studies" OR "grounded research" OR "grounded analysis" OR "grounded analyses" OR "life stor*" OR emic OR etic OR hermeneutic* OR heuristic* OR semiotic* OR "data saturat*" OR "participant observ*" OR "social construct*" OR postmodern* OR post-structural* OR "post structural*" OR poststructural* OR "post modern*" OR post-modern* OR feminis* OR "action research" OR "cooperative inquir*" OR "co operative inquir*" OR humanistic OR existential OR experiential OR paradigm* OR "field study" OR "field studies" OR "field research" OR "field work" OR "human science" OR "social science" OR "biographical method" OR "theoretical sampl*" OR (purpos* W/3 sampl*) OR (focus W/3 group*) OR open-ended OR narrative* OR textual OR texts OR "semi-structured" OR "life world*" OR "life-world*" OR "conversation analysis" OR "personal experience*" OR "theoretical saturation" OR "conversation analyses" OR "lived experience" OR "life experience*" OR "cluster sampl*" OR "observational method*" OR "content analysis" OR "constant comparative" OR "constant comparison" OR (discourse* W/3 analysis) OR (discourse* W/3 analyses) OR (discours* W/3 analysis) OR (discours* W/3 analyses) OR heidegger* OR colaizzi* OR spiegelberg* OR merleau* OR husserl* OR foucault* OR ricoeur OR glaser* OR "van manen*" OR "van kaam*" OR (corbin* W/2 strauss*)) AND (EXCLUDE (DOCTYPE,"re"))

Cinahl Complete

S32	S28 NOT S29 limited to 20130101-20241231	(6,779)
S31	S28 NOT S29	(10,781)
S30	S28 NOT S29	(10,781)
S29	MH Qualitative Studies OR MH Grounded theory OR MH Narratives OR MH Interviews+ OR MH Audiorecording OR MH Focus Groups OR MH Research, Nursing OR MH Discourse Analysis OR MH Content Analysis OR MH Ethnographic Research OR MH Ethnonursing Research OR MH Constant Comparative Method OR MH Qualitative Validity+ OR MH Purposive Sample OR MH Observational Methods+ OR MH Field Studies OR MH Theoretical Sample OR MH Phenomenology OR MH Phenomenological Research OR MH Life Experiences+ OR MH Cluster Sample+ OR TI qualitative OR AB qualitative OR TI interview* OR AB interview* OR TI (theme* or thematic) OR AB (theme* or thematic) OR TI ("ethnological research") OR AB ("ethnological research") OR TI ethnonursing OR AB ethnonursing OR TI ethnograph* OR AB ethnograph* OR TI phenomenol* OR AB phenomenol* OR TI "focus group*" OR AB "focus group*" OR TI (grounded N1 (theor* OR analys?s OR research OR studies OR study)) OR AB (grounded N1 (theor* OR analys?s OR research OR studies OR study)) OR TI ("life stor*") OR AB ("life stor*") OR TI (emic OR etic OR hermeneutic* OR heuristic* OR semiotic) OR AB (emic OR etic OR hermeneutic* OR heuristic* OR semiotic) OR TI (data N1 saturat*) OR AB (data N1 saturat*) OR TI ("participant observ*") OR AB ("participant observ*") OR TI ("social construct*" OR postmodern* OR "post-structural*" OR poststructural* OR "post-modern*" OR feminis*) OR AB ("social construct*" OR postmodern* OR "post-structural*" OR poststructural* OR "post-modern*" OR feminis*) OR TI ("action research" OR "cooperative inquir*" OR "co-operative inquir*") OR AB ("action research" OR "cooperative inquir*" OR "co-operative inquir*") OR TI (humanistic OR existential OR experiential OR paradigm*) OR AB (humanistic OR existential OR experiential OR paradigm*) OR TI (field N1 (research OR study OR studies)) OR AB (field N1 (research OR study OR studies)) OR TI "human science" OR AB "human science" OR TI "biographical method" OR AB "biographical method" OR TI ("theoretical sampl*") OR AB ("theoretical sampl*") OR TI ("purpos* N4 sampl*") OR AB ("purpos* N4 sampl*") OR TI ("open-ended" OR narrative* OR textual OR texts OR "semi-structured") OR AB ("open-ended" OR narrative* OR textual OR texts OR "semi-structured") OR TI ("life world" OR "life-world" OR "conversation analys?s" OR "personal experience*" OR "theoretical saturation") OR AB ("life world" OR "life-world" OR "conversation analys?s" OR "personal experience*" OR "theoretical saturation") OR TI ((life OR lived) N1 experience*) OR AB ((life OR lived) N1 experience*) OR TI ("cluster sampl*") OR AB ("cluster sampl*") OR TI ("observational method*") OR AB ("observational method*") OR TI ("content analysis") OR AB ("content analysis") OR TI ((discurs* OR discourse*) N3 analys?s) OR AB ((discurs* OR discourse*) N3 analys?s) OR TI (constant N1 (comparison OR comparative)) OR AB (constant N1 (comparison OR	(758,833)

	comparative)) OR TI ("narrative analys?s") OR AB ("narrative analys?s") OR TI (heidegger* OR colaizzi* OR spiegelberg* OR merleau* OR husserl* OR foucault* OR ricoeur OR glaser*) OR AB (heidegger* OR colaizzi* OR spiegelberg* OR merleau* OR husserl* OR foucault* OR ricoeur OR glaser*) OR TI (van N1 manen*) OR AB (van N1 manen*) OR TI (van N1 kaam*) OR AB (van N1 kaam*) OR TI (Corbin* N2 strauss*) OR AB (Corbin* N2 strauss*)	
S28	S26 NOT S27	(14,425)
S27	S18 AND S25	(1,389)
S26	S18 AND S25	(15,814)
S25	S19 OR S20 OR S21 OR S22 OR S23 OR S24	(273,823)
S24	interprofession* N1 communicat*	(704)
S23	(MH "Interprofessional Relations")	(30,200)
S22	(legible or understandable or clear or decipherable) N1 (note or notes)	(27)
S21	miscommunicat*	(704)
S20	Communicat*	(250,414)
S19	(MH "Communication")	(97,604)
S18	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17	(249,956)
S17	medication* N1 reconcil*	(2,768)
S16	(Medicat* or Prescri* or drug* or Pharmaceutical* or treatment* or Dispens*) N1 (Error* or mistake* or mix-up* or mixup* or inaccurac* or blunder* or incident* or oversight* or miscalculat*)	(27,378)
S15	(drug or drugs) N1 error*	(1,378)
S14	inappropriate prescribing	(4,229)
S13	misprescri* or "mis prescri*"	(22)
S12	(MH "Medication Errors+")	(18,501)
S11	(MH "Treatment Errors")	(9,579)

S10	error* N1 process*	(496)
S9	safety N1 inciden*	(931)
S8	sentinel event*	(2,415)
S7	never event*	(572)
S6	near miss OR near misses	(1,561)
S5	medical error*	(11,098)
S4	adverse event*	(103,879)
S3	patient* N2 securit*	(691)
S2	patient* N2 safe*	(105,859)
S1	(MH "Patient Safety+")	(151,823)

Ovid Medline

Ovid MEDLINE(R) ALL <1946 to February 06, 2024>

1	patient safety/	25870
2	(patient* adj3 safe*).mp.	98435
3	(patient* adj3 securit*).mp.	1335
4	adverse event*.mp.	237445
5	medical error*.mp.	21240
6	(near miss or near misses).mp.	2967
7	never event*.mp.	475
8	sentinel event*.mp.	1115
9	(safety adj2 inciden*).mp.	1621
10	(error* adj2 process*).mp.	2794
11	exp medical errors/	122561
12	exp medication errors/	20412
13	(misprescri* or "mis prescri*").mp.	70

- 14 inappropriate prescribing.mp. 5907
- 15 ((drug or drugs) adj2 error*).mp. 1157
- 16 ((Medicat* or Prescri* or drug* or Pharmaceutical* or treatment* or Dispens*) adj2 (Error* or mistake* or mix-up* or mixup* or inaccurac* or blunder* or incident* or oversight* or miscalculat*).mp. 21353
- 17 (medication* adj2 reconcil*).mp. 2830
- 18 or/1-17 451508
- 19 communication/ 103162
- 20 communicat*.mp. 538422
- 21 miscommunicat*.mp. 1215
- 22 ((Legible or understandable or clear or decipherable) adj2 (note or notes)).mp. 40
- 23 interprofessional relations/ 53543
- 24 (interprofession* adj2 communicat*).mp. 997
- 25 or/19-24 581761
- 26 18 and 25 16725
- 27 limit 26 to ("review" or "systematic review") 2544
- 28 26 not 27 14181
- 29 exp Empirical Research/ or Interviews as Topic/ or Personal Narratives as Topic/ or Focus Groups/ or exp Narration/ or Nursing Methodology Research/ or Narrative Medicine/ 184722
- 30 (Interview or Personal Narrative).pt. 37130
- 31 interview*.ti,ab,kf. 473656
- 32 qualitative.ti,ab,kf,jw. 346835
- 33 (theme* or thematic).ti,ab,kf. 181413
- 34 ethnological research.ti,ab,kf. 8
- 35 ethnograph*.ti,ab,kf. 14514
- 36 ethnomedicine.ti,ab,kf. 1059
- 37 ethn nursing.ti,ab,kf. 129
- 38 phenomenol*.ti,ab,kf. 35622
- 39 (grounded adj (theor* or study or studies or research or analys?s)).ti,ab,kf. 15989
- 40 life stor*.ti,ab,kf. 1632
- 41 (emic or etic or hermeneutic* or heuristic* or semiotic*).ti,ab,kf. 23071
- 42 (data adj1 saturat\$).ti,ab,kf. 2290

- 43 participant observ*.ti,ab,kf. 5696
- 44 (social construct* or postmodern* or post-structural* or post structural* or poststructural* or post modern* or post-modern*).ti,ab,kf. 4466
- 45 (action research or cooperative inquir* or co operative inquir* or co-operative inquir*).ti,ab,kf.5995
- 46 (humanistic or existential or experiential or paradigm*).ti,ab,kf. 202139
- 47 (field adj (study or studies or research or work)).ti,ab,kf. 22089
- 48 (human science or social science).ti,ab,kf. 7210
- 49 biographical method.ti,ab,kf. 24
- 50 theoretical sampl*.ti,ab,kf. 965
- 51 ((purpos* adj4 sampl*) or (focus adj group*)).ti,ab,kf. 89671
- 52 (open-ended or narrative* or textual or texts or semi-structured).ti,ab,kf. 197394
- 53 (life world* or life-world* or conversation analys?s or personal experience* or theoretical saturation).ti,ab,kf. 18677
- 54 ((lived or life) adj experience*).ti,ab,kf. 20983
- 55 cluster sampl*.ti,ab,kf. 9879
- 56 observational method*.ti,ab,kf. 1027
- 57 content analysis.ti,ab,kf. 46210
- 58 (constant adj (comparative or comparison)).ti,ab,kf. 6236
- 59 ((discourse* or discours*) adj3 analys?s).ti,ab,kf. 3424
- 60 (heidegger* or colaizzi* or spiegelberg* or merleau* or husserl* or foucault* or ricoeur or glaser*).ti,ab,kf. 5051
- 61 (van adj manen*).ti,ab,kf. 578
- 62 (van adj kaam*).ti,ab,kf.45
- 63 (corbin* adj2 strauss*).ti,ab,kf. 466
- 64 or/29-63 1230822
- 65 28 and 64 3725
- 66 28 not 65 10456
- 67 limit 66 to yr="2013 - 2024" 6524**

Cochrane Trials

Empathy - Communication and patient safety CENTRAL - FINAL - Jeremy Howick and Leila Keshtkar

Search from 26th January 2024 run again on 7th February 2024

- #1 MeSH descriptor: [Patient Safety] this term only 1076
- #2 (patient* NEAR/2 safe*):ti,ab,kw 16596
- #3 (patient* NEAR/2 securit*):ti,ab,kw 96
- #4 (adverse NEXT event*):ti,ab,kw 149336
- #5 (medical NEXT error*):ti,ab,kw 461
- #6 ("near miss" OR "near misses"):ti,ab,kw 109
- #7 (never NEXT event*):ti,ab,kw 9
- #8 (sentinel NEXT event*):ti,ab,kw 42
- #9 (safety NEAR/1 inciden*):ti,ab,kw 342
- #10 (error* NEXT/1 process*):ti,ab,kw 84
- #11 MeSH descriptor: [Medical Errors] explode all trees 4011
- #12 MeSH descriptor: [Medication Errors] explode all trees 727
- #13 (misprescri* OR (mis NEXT prescri*)):ti,ab,kw 12
- #14 "inappropriate prescribing":ti,ab,kw 455
- #15 ((drug OR drugs) NEAR/1 error*):ti,ab,kw 113
- #16 ((Medicat* or Prescri* or drug* or Pharmaceutical* or treatment* or Dispens*) NEAR/1 (Error* or mistake* or mix-up* or mixup* or inaccurac* or blunder* or incident* or oversight* or miscalculat*)):ti,ab,kw 1141
- #17 (medication* NEAR/1 reconciliation):ti,ab,kw 434
- #18 {OR #1-#17} 166342
- #19 MeSH descriptor: [Communication] this term only 3547
- #20 communicat*:ti,ab,kw 33351
- #21 miscommunicat*:ti,ab,kw 65
- #22 ((legible OR understandable OR clear OR decipherable) NEAR/1 (note OR notes)):ti,ab,kw 0
- #23 MeSH descriptor: [Interprofessional Relations] this term only 420
- #24 (Interprofession* NEAR/1 communicat*):ti,ab,kw 58

#25 {OR #19-#24} 33664

#26 #18 AND #25 2101 (of which 1963 were trials of which 1835 were added to CENTRAL between 1/1/2013 and 7/2/2024

ProQuest Dissertations and Theses Citation Index

(patient* NEAR/2 safe*) OR (patient* NEAR/2 securit*) OR "adverse event*" OR "medical error*" OR "near miss" OR "near misses" OR "never event*" OR "sentinel event*" OR (safety NEAR/1 inciden*) OR (error* NEAR/1 process*) OR "medication error*" OR misprescri* OR "mis prescri*" OR "inappropriate prescribing" OR ((drug OR drugs) NEAR/1 error*) OR ((Medicat* or Prescri* or drug* or Pharmaceutical* or treatment* or Dispens*) adj2 (Error* or mistake* or mix-up* or mixup* or inaccurac* or blunder* or incident* or oversight* or miscalculat*)) OR (medication* NEAR/1 reconciliation) (Topic) and communicat* OR miscommunicat* OR ((legible OR understandable OR clear OR decipherable) NEAR/1 (note OR notes)) OR "interprofessional relations" OR (interprofession* NEAR/1 communicat*) (Topic)

APA PsycInfo



S30	S26 NOT S28 limited to publication year 2013-2024	(1,271)
S29	S26 NOT S28	(1,830)
S28	S26 AND S27	(1,138)
S27	DE "Empirical Methods" OR DE "Qualitative Methods" OR DE "Focus Group" OR DE "Grounded Theory" OR DE "Interpretative Phenomenological Analysis" OR DE "Narrative Analysis" OR DE "Semi-Structured Interview" OR DE "Thematic Analysis" OR DE "Interviews" OR DE "Interviewing" OR DE "Narratives" OR DE "Storytelling" OR TI (interview* OR qualitative OR (theme* or thematic) OR ethnological research OR ethnograph* OR ethnomedicine OR ethnonursing OR phenomenol* OR grounded N0 (theor* or study or studie ... (my translation of CADTH qual filter for Ovid PsycInfo)	(1,033,786)
S26	S23 NOT S24	(2,968)
S25	S23 NOT S24	(3,035)
S24	S16 AND S22	(8)
S23	S16 AND S22	(3,043)
S22	S17 OR S18 OR S19 OR S20 OR S21	(469,310)
S21	interprofession* N1 communicat*	(301)
S20	(legible or understandable or clear or decipherable) N1 (note or notes)	(15)
S19	miscommunicat*	(899)

S18	communicat*	(468,970)
S17	DE "Communication"	(54,599)
S16	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15	(33,227)
S15	medication* N1 reconcil*	(227)
S14	(Medicat* or Prescri* or drug* or Pharmaceutical* or treatment* or Dispens*) N1 (Error* or mistake* or mix-up* or mixup* or inaccurac* or blunder* or incident* or oversight* or miscalculat*)	(1,895)
S13	(drug or drugs) N1 error*	(105)
S12	inappropriate prescribing	(533)
S11	misprescri* or "mis prescri*"	(13)
S10	error* N1 process*	(1,636)
S9	safety N1 inciden*	(242)
S8	sentinel event*	(185)
S7	never event*	(353)
S6	near miss OR near misses	(618)
S5	medical error*	(1,705)
S4	adverse event*	(18,101)
S3	patient* N2 securit*	(352)
S2	patient* N2 safe*	(10,675)
S1	(DE "Patient Safety")	(4,617)