

## Appendix 2 Search strings, by Database

### PubMed (1966 - September 2013)

Set	Search Terms	Result
#89	Search (((((((((((((((("Accidents"[Mesh:NoExp]) OR Accidents[Ti]) OR Adverse Event*[Tiab]) OR Incident[Ti]) OR "Medical Errors"[Mesh]) OR Medical Errors*[Tiab]) OR (Medical Errors[Mesh] AND claim*[Tiab])) OR (Medical Errors[Mesh] AND complaint*[Tiab])) OR (Medical Errors[Mesh] AND harm*[Tiab])) OR "Hospital Mortality"[Mesh]) OR Hospital Mortality[Ti]) OR Near Miss*[Tiab]) OR "Patient Safety"[Mesh]) OR Patient Safety[Ti]) OR "Quality Indicators, Health Care"[Mesh]) OR Health Care Quality Indicators[Tiab]) OR Healthcare Quality Indicators[Tiab])) AND (((((((((((((((Inter Observer Varia*[Tiab]) OR Internal consistency[Ti]) OR Interobserver Varia*[Tiab]) OR Inter rater*[Tiab]) OR Interrater*[Tiab]) OR Intra Observer Varia*[Tiab]) OR Intraobserver Varia*[Tiab]) OR Intra rater*[Tiab]) OR Intrarater*[Tiab]) OR Observer Bias[Tiab]) OR Observer Varia*[Tiab]) OR Reliability[Ti]) OR "Reproducibility of Results"[Mesh:NoExp]) OR Reproducibility of Results[Tiab]) OR Test-Retest[Tiab]) OR Validation[Ti]) OR Validity[Ti])) AND (((((((((((((((Administrative Data [Tiab]) OR Incident Report*[Tiab]) OR ("Mortality/statistics and numerical data"[Mesh]) OR ((Mortality[Tiab]) AND Statistics[Tiab])) OR "Outcome Assessment (Health Care)"[Mesh:NoExp]) OR Outcome Assessment[Tiab]) OR "Quality Assurance, Health Care"[Mesh:NoExp]) OR Healthcare Quality Assurance[Tiab]) OR Health Care Quality Assurance[Tiab]) OR "Registries"[Mesh:NoExp]) OR Registries[Ti]) OR "Risk Assessment"[Mesh]) OR Risk Assessment[Ti]) OR "Risk Management"[Mesh:NoExp]) OR Risk Management[Ti]) OR Risk Report*[Tiab]) OR "Safety Management"[Mesh]) OR Safety Management[Tiab]))	1790
#88	Search (((((((((((((((("Accidents"[Mesh:NoExp]) OR Accidents[Ti]) OR Adverse Event*[Tiab]) OR Incident[Ti]) OR "Medical Errors"[Mesh]) OR Medical Errors*[Tiab]) OR (Medical Errors[Mesh] AND claim*[Tiab])) OR (Medical Errors[Mesh] AND complaint*[Tiab])) OR (Medical Errors[Mesh] AND harm*[Tiab])) OR "Hospital Mortality"[Mesh]) OR Hospital Mortality[Ti]) OR Near Miss*[Tiab]) OR "Patient Safety"[Mesh]) OR Patient Safety[Ti]) OR "Quality Indicators, Health Care"[Mesh]) OR Health Care Quality Indicators[Tiab]) OR Healthcare Quality Indicators[Tiab]))	215516
#87	Search Healthcare Quality Indicators[Tiab]	5
#86	Search Health Care Quality Indicators[Tiab]	24
#85	Search "Quality Indicators, Health Care"[Mesh]	11711
#83	Search Patient Safety[Ti]	5198
#82	Search "Patient Safety"[Mesh]	3168
#80	Search Near Miss*[Tiab]	1181
#79	Search Hospital Mortality[Ti]	1484
#78	Search "Hospital Mortality"[Mesh]	20790
#76	Search Medical Errors[Mesh] AND harm*[Tiab]	1633
#75	Search Medical Errors[Mesh] AND complaint*[Tiab]	597
#74	Search Medical Errors[Mesh] AND claim*[Tiab]	655
#73	Search Medical Errors*[Tiab]	2246
#72	Search "Medical Errors"[Mesh]	80648
#70	Search Incident[Ti]	5548
#69	Search Adverse Event*[Tiab]	71915
#68	Search Accidents[Ti]	11724
#67	Search "Accidents"[Mesh:NoExp]	13019
#63	Search (((((((((((((((Inter Observer Varia*[Tiab]) OR Internal consistency[Ti]) OR Interobserver Varia*[Tiab]) OR Inter rater*[Tiab]) OR Interrater*[Tiab]) OR Intra Observer Varia*[Tiab]) OR Intraobserver Varia*[Tiab]) OR Intra rater*[Tiab]) OR Intrarater*[Tiab]) OR Observer Bias[Tiab]) OR Observer Varia*[Tiab]) OR Reliability[Ti]) OR "Reproducibility of Results"[Mesh:NoExp]) OR Reproducibility of Results[Tiab]) OR Test-Retest[Tiab]) OR Validation[Ti]) OR Validity[Ti])) AND (((((((((((((((Administrative Data [Tiab]) OR Incident Report*[Tiab]) OR ("Mortality/statistics and numerical data"[Mesh]) OR ((Mortality[Tiab]) AND Statistics[Tiab])) OR "Outcome Assessment (Health Care)"[Mesh:NoExp]) OR Outcome Assessment[Tiab]) OR "Quality Assurance, Health Care"[Mesh:NoExp]) OR Healthcare Quality Assurance[Tiab]) OR Health Care Quality Assurance[Tiab]) OR "Registries"[Mesh:NoExp]) OR Registries[Ti]) OR "Risk Assessment"[Mesh]) OR Risk Assessment[Ti]) OR "Risk Management"[Mesh:NoExp]) OR Risk Management[Ti]) OR Risk Report*[Tiab]) OR "Safety Management"[Mesh]) OR Safety Management[Tiab]))	13422
#62	Search (((((((((((((((Inter Observer Varia*[Tiab]) OR Internal consistency[Ti]) OR Interobserver Varia*[Tiab]) OR Inter rater*[Tiab]) OR Interrater*[Tiab]) OR Intra Observer Varia*[Tiab]) OR Intraobserver Varia*[Tiab]) OR Intra rater*[Tiab]) OR Intrarater*[Tiab]) OR Observer Bias[Tiab]) OR Observer Varia*[Tiab]) OR Reliability[Ti]) OR "Reproducibility of Results"[Mesh:NoExp]) OR Reproducibility of Results[Tiab]) OR Test-Retest[Tiab]) OR Validation[Ti]) OR Validity[Ti]))	306566
#61	Search Validity[Ti]	20200
#60	Search Validation[Ti]	33921
#59	Search Test-Retest[Tiab]	14325
#58	Search Reproducibility of Results[Tiab]	459
#57	Search "Reproducibility of Results"[Mesh:NoExp]	254029
#55	Search Reliability[Ti]	21657
#54	Search Observer Varia*[Tiab]	2433
#53	Search Observer Bias[Tiab]	349
#52	Search Intrarater*[Tiab]	1207
#51	Search Intra rater*[Tiab]	841
#50	Search Intraobserver Varia*[Tiab]	1307
#49	Search Intra Observer Varia*[Tiab]	647
#48	Search Interrater*[Tiab]	5080

Set	Search Terms	Result
#47	Search Inter rater*[Tiab]	4426
#46	Search Interobserver Varia*[Tiab]	3719
#45	Search Internal consistency[Ti]	327
#44	Search Inter Observer Varia*[Tiab]	1140
#42	Search (((((((((((Administrative Data [Tiab]) OR Incident Report*[Tiab]) OR ("Mortality/statistics and numerical data"[Mesh])) OR ((Mortality[Tiab]) AND Statistics[Tiab])) OR "Outcome Assessment (Health Care)"[Mesh:NoExp]) OR Outcome Assessment[Tiab]) OR "Quality Assurance, Health Care"[Mesh:NoExp]) OR Healthcare Quality Assurance[Tiab]) OR Health Care Quality Assurance[Tiab]) OR "Registries"[Mesh:NoExp]) OR Registries[Ti]) OR "Risk Assessment"[Mesh]) OR Risk Assessment[Ti]) OR "Risk Management"[Mesh:NoExp]) OR Risk Management[Ti]) OR Risk Report*[Tiab]) OR "Safety Management"[Mesh]) OR Safety Management[Tiab]	336085
#41	Search Safety Management[Tiab]	541
#40	Search "Safety Management"[Mesh]	15868
#38	Search Risk Report*[Tiab]	84
#37	Search Risk Management[Ti]	2527
#36	Search "Risk Management"[Mesh:NoExp]	14300
#34	Search Risk Assessment[Ti]	9706
#33	Search "Risk Assessment"[Mesh]	164018
#31	Search Registries[Ti]	1538
#30	Search "Registries"[Mesh:NoExp]	49262
#28	Search Health Care Quality Assurance[Tiab]	29
#27	Search Healthcare Quality Assurance[Tiab]	8
#25	Search "Quality Assurance, Health Care"[Mesh:NoExp]	47396
#23	Search Outcome Assessment[Tiab]	2095
#22	Search "Outcome Assessment (Health Care)"[Mesh:NoExp]	45581
#20	Search (Mortality[Tiab]) AND Statistics[Tiab]	8364
#19	Search Statistics[Tiab]	71614
#18	Search Mortality[Tiab]	440721
#15	Search "Mortality/statistics and numerical data"[Mesh]	626
#12	Search Incident Report*[Tiab]	1291
#11	Search Administrative Data [Tiab]	3521

#### EMBASE (1974 – September 2013)

Set	Search Terms	Result
1	administrative data.ti.ab.	4548
2	Health Care Quality Assurance.ti.ab.	45
3	Healthcare Quality Assurance.ti.ab.	12
4	(Mortality and Statistics).ti.ab.	10839
5	exp outcome assessment/	213218
6	Outcome assessment.ti.ab.	2704
7	exp register/	57298
8	Register.ti.	4663
9	exp risk assessment/	324454
10	Risk Assessment.ti.	12418
11	exp risk management/	29264
12	Risk Management.ti.ab.	9338
13	Risk Report*.ti.ab.	360
14	Safety Management.ti.ab.	851
15	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14	620547
16	Inter Observer Varia*.ti.ab.	1847
17	exp internal consistency/	6292
18	Internal consistency.ti.	382
19	Interobserver Varia*.ti.ab.	4643
20	Inter rater*.ti.ab.	5932
21	Interrater*.ti.ab.	5969
22	Intra Observer Varia*.ti.ab.	953
23	Intraobserver Varia*.ti.ab.	1555
24	Intra rater*.ti.ab.	1136
25	Intrarater*.ti.ab.	1348
26	exp observer bias/	395
27	Observer Varia*.ti.ab.	3529
28	exp reliability/	97858
29	exp intrarater reliability/	1334
30	exp interrater reliability/	4301
31	exp reproducibility/	148151
32	Reproducibility.ti.	8779
33	Test-Retest.ti.	1508
34	Validation.ti.	45510
35	exp validity/	36274
36	Validity.ti.	23899
37	16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35	320041

Set	Search Terms	Result
	or 36	
38	exp accident/	142740
39	Accident*.ti.	35544
40	Adverse Event*.ti.	6330
41	exp medical error/	83123
43	Medical Error*.ti,ab.	3526
44	exp medical error/ and harm*.ti,ab.	1984
46	Hospital Mortality.mp.	26044
47	Hospital Mortality.ti.	2177
48	Near Miss*.ti,ab.	1704
49	exp patient safety/	45111
50	Quality Indicators, Health Care.ti,ab.	2
51	Health Care Quality Indicator.ti,ab.	7
52	Healthcare Quality Indicator.ti,ab.	3
53	Reproducibility Of Result*.ti,ab.	1248
54	38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53	330438
55	15 and 37 and 54	1153

### CINAHL (1982 - September 2013)

Set	Search Terms	Result
S63	S16 AND S39 AND S62	515
S62	S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S54 OR S55 OR S56 OR S57 OR S58 OR S59 OR S60 OR S61	74,457
S61	AB Quality indicators	1,566
S60	AB Clinical indicators	651
S59	AB Patient safety	5,413
S58	AB Near miss*	280
S57	AB Hospital mortality	3,424
S56	S50 AND S53	113
S55	S50 AND S52	6
S54	S50 AND S51	28
S53	AB Harm*	12,806
S52	AB Complaint*	8,290
S51	AB Claim*	10,054
S50	AB Medical error*	919
S49	AB Health Care errors	165
S48	AB Incident*	10,380
S47	AB Adverse event*	13,916
S46	AB Accident*	7,909
S45	MH Clinical indicators	6,162
S44	MH Patient safety	24,554
S43	MH Hospital mortality	5,262
S42	MH Health Care errors	2,148
S41	MH Accidents	1,442
S40	(S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38) AND (S16 AND S39)	4,686
S39	S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38	71,092
S38	AB Validity	20,981
S37	AB Validation	7,220
S36	AB Test-Retest	4,382
S35	AB Reproducibility Of Results	388
S34	AB Reliability	19,193
S33	AB Observer Varia*	136
S32	AB Observer Bias	32
S31	AB Intra rater*	390
S30	AB Intraobserver Varia*	169
S29	AB Intra Observer Varia*	44
S28	AB Interrater*	1,901
S27	AB Inter rater*	1,547
S26	AB Interobserver Varia*	312
S25	AB Internal consistency	4,948
S24	AB Inter Observer Varia*	70
S23	MH Test-Retest Reliability	10,607
S22	MH Intrarater Reliability	4,415
S21	MH Interrater Reliability	15,741
S20	MH Validity	6,401
S19	MH Reproducibility Of Results	13,472
S18	MH Reliability and Validity	867
S17	MH Reliability	5,803
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	80,109

Set	Search Terms	Result
S15	AB Safety Management	606
S14	AB Risk Report*	3,702
S13	AB Risk Management	3,260
S12	AB Risk Assessment	5,654
S11	AB Registries	1,674
S10	AB Quality assurance	2,119
S9	AB Outcome assessment	1,769
S8	AB Mortality AND AB Statistics	1,175
S7	AB Incident report*	750
S6	AB Administrative data	1,678
S5	MH Risk management	8,001
S4	MH Risk assessment	31,775
S3	MH Quality assurance	11,060
S2	MH Outcome assessment	15,254
S1	MH Mortality AND AB Statistics	271

### PsycInfo (1806 - September 2013)

Set	Search Terms	Result
1	administrative data.ti,ab.	1014
2	Incident Report*.ti,ab.	365
3	(Mortality and Statistics).ti,ab.	795
4	Health Care Quality Assurance.ti,ab.	3
5	Healthcare Quality Assurance.ti,ab.	2
6	Outcome assessment.ti,ab.	648
7	Registries.ti,ab.	722
8	Register.ti,ab.	4970
9	exp Risk assessment/	8402
10	Risk Assessment.ti,ab.	5182
11	exp Risk Management/	3268
12	Risk Management.ti,ab.	2409
13	Risk Report*.ti,ab.	65
14	Safety Management.ti,ab.	253
15	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14	22483
16	Inter Observer Varia*.ti,ab.	18
17	Internal consistency.ti.	414
18	Interobserver Varia*.ti,ab.	39
19	exp Interrater Reliability/	2626
20	Inter rater*.ti,ab.	2250
21	interrater*.ti,ab.	4052
22	Intra Observer Varia*.ti,ab.	6
23	Intraobserver Varia*.ti,ab.	7
24	Intra rater*.ti,ab.	187
25	Intrarater*.ti,ab.	224
26	Observer Bias.ti,ab.	130
27	Observer Varia*.ti,ab.	55
28	exp Test Reliability/	35123
29	Reliability.ti.	12094
30	Test-Retest.ti.	913
31	Validation.ti.	13987
32	exp Test Validity/	50399
33	Validity.ti.	20503
34	16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33	80931
35	15 and 34	835
36	exp Accidents/	9198
37	Accident*.ti.	3815
38	Adverse Event*.ti,ab.	6811
39	Incident.ti.	1119
40	Medical Error*.ti,ab.	402
41	(Medical Error* and Claim*).ti,ab.	13
42	(Medical Error* and Complaint*).ti,ab.	2
43	(Medical Error* and Harm*).ti,ab.	45
44	Hospital Mortality.ti,ab.	266
45	Near Miss*.ti,ab.	274
46	Patient safety.ti,ab.	1348
47	Quality Indicators, Health Care.ti,ab.	0
48	Healthcare Quality Indicator*.ti,ab.	1
49	Health Care Quality Indicator*.ti,ab.	7
50	36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 48 or 49	20241
51	35 and 50	30
52	15 and 34 and 50	30

## Cochrane Library (1898 - September 2013)

Set	Search Terms	Result
#1	1 Administrative Data:ti,ab,kw	427
#2	2 Incident Report*:ti,ab,kw	587
#3	3 MeSH descriptor: [Quality Assurance, Health Care] explode all trees	3578
#4	4 Quality Assurance, Health Care:ti,ab,kw	836
#5	5 Healthcare Outcome assessment:ti,ab,kw	943
#6	6 Health Care Outcome Assessment:ti,ab,kw	12597
#7	7 MeSH descriptor: [Registries] explode all trees	748
#8	8 MeSH descriptor: [Risk Assessment] explode all trees	7785
#9	9 MeSH descriptor: [Risk Management] explode all trees	8059
#10	10 MeSH descriptor: [Safety Management] explode all trees	208
#11	11 Registries:ti,ab,kw	4499
#12	12 Risk Assessment:ti,ab,kw	22188
#13	13 Risk Management:ti,ab,kw	8074
#14	14 Safety Management:ti,ab,kw	4773
#15	15 MeSH descriptor: [Mortality] explode all trees	11207
#16	16 MeSH descriptor: [Statistics] explode all trees 7	7
#17	17 15 and 16 0	0
#18	18 Mortality:ti,ab,kw	29639
#19	19 Statistics:ti,ab,kw	13942
#20	20 18 and 19	671
#21	21 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 20	48652
#22	22 Inter Observer Variability:ti,ab,kw	125
#23	23 Internal consistency:ti,ab,kw	781
#24	24 Intrarater reliability:ti,ab,kw	101
#25	25 Interrater reliability:ti,ab,kw	375
#26	26 Reliability:ti,ab,kw	5046
#27	27 MeSH descriptor: [Reproducibility of Results] explode all trees	9380
#28	28 Reproducibility Of Results:ti,ab,kw	10510
#29	29 Validity:ti,ab,kw	5735
#30	30 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29	17661
#31	31 21 and 30	1794
#32	32 MeSH descriptor: [Accidents] explode all trees	4928
#33	33 Accident*:ti,ab,kw	6014
#34	34 Adverse event:ti,ab,kw	40874
#35	35 Incident:ti,ab,kw	2108
#36	36 MeSH descriptor: [Medical Errors] explode all trees	2362
#37	37 claim:ti,ab,kw	2496
#38	38 complaint:ti,ab,kw	4720
#39	39 harm:ti,ab,kw	3173
#40	40 36 and 37	7
#41	41 36 and 38	8
#42	42 36 and 39	29
#43	43 MeSH descriptor: [Hospital Mortality] explode all trees	1082
#44	44 Hospital Mortality:ti,ab,kw	7872
#45	45 "Near Miss":ti,ab,kw	22
#46	46 MeSH descriptor: [Patient Safety] explode all trees	194
#47	47 Patient Safety:ti,ab,kw	54852
#48	48 MeSH descriptor: [Quality Indicators, Health Care] explode all trees	300
#49	49 Quality Indicators, Health Care:ti,ab,kw	658
#50	50 Health Care Quality Indicators:ti,ab,kw	658
#51	51 Healthcare Quality Indicators:ti,ab,kw	81
#52	52 32 or 33 or 34 or 35 or 36 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51	94657
#53	53 21 and 30 and 52	368
#54	54 31 and 52	368