Systematic Review Search Strategy

Three systematic reviews of recent literature releavnt to the scope of the Best Practice Guideline (BPG) were conducted by a health sciences librarian.

In addition, panel members were asked to review personal libraries to identify key articles not found through the search strategies. Articles identified by panel memebrs were included in the search results if two guideline development methodologists independently determined the articles had not been identified by the literature search and met the inclusion criteria.

Databases Searched: Cochrane Central Register of Controlled Trials, Cochrane Library (Cochrane Database of Systematic Reviews), Cumulative Index to Nursing and Allied Health (CINAHL), Education Resources Information Center (ERIC – for research question 3 only), EMBASE, MEDLINE, MEDLINE In-Process and PsycINFO.

Inclusion Criteria:

The following criteria were used to guide the literautre search:

- A primary focus on the following interventions for health service organizations, academic institutions, health workers and/or students, and the prioritized outcomes per topic:

  1. **Intervention –** Person or co-worker risk assessment tools.
     Outcomes – Reliability, validity, accessibility in practice (surrogate: utility, time).

  2. **Intervention** – Organizational policies or procedures for workplace violence, harassment and/or bullying.
     Outcomes – Physical environment (surrogate: health worker injury, incident reporting, assault and threat towards health workers), health worker well-being (surrogate: perceived incivility, recognition of bullying, policy implementation).

  3. **Intervention** – Education and training programs on preventing and managing workplace violence, harrassment and/or bullying.
     Outcome – Person injury, use of restraints, perceived safety of health workers, attitudes and values of health workers, health worker injury, health worker turnover.

- Published between January 2012 and March 2019
- Published in English
- Accessible for retrieval
- Conducted in any georgraphic region

- Applicable to all health service organizations and academic institutions
- Applicable to all health workers and students in a health program who experience, encounter or have knowledge of workplace violence, harrassment and/or bullying
- Peer-reviewed literature
- Study methodology limited to any study design (quantitative, qualitative, mixed methods, systematic reviews)

Exclusion Criteria:

The following criteria were used to exclude literature from the search:

- Topic **NOT** related to the following interventions for health service organizations, academic institutions, health workers and/or students, and the prioritized outcomes per topic:

    1. **Intervention –** Person or co-worker risk assessment tools.
       Outcomes – Reliability, validity, accessibility in practice (surrogate: utility, time).

    2. **Intervention** – Organizational policies or procedures for workplace violence, harassment and/or bullying.
       Outcomes – Physical environment (surrogate: health worker injury, incident reporting, assault and threat towards health workers), health worker well-being (surrogate: perceived incivility, recognition of bullying, policy implementation).

    3. **Intervention** – Education and training programs on preventing and managing workplace violence, harrassment and/or bullying.
       Outcome – Person injury, use of restraints, perceived safety of health workers, attitudes and values of health workers, health worker injury, health worker turnover.

- Dissertations, commentaries, narratives, discussion papers, case studies, expert reports, consenus documents, studies with a specific methodology
- Studies not published in English
- Upublished (grey literature)
- Studies published prior to 2012
- Articles looking at workplace violence, harrassment and bullying in general
- Violence, harassment and bullying in settings other than health service organizations or academic institutions
- Violence, harassment and bullying initiated by a health worker and/or student against persons or families
- Terrorist events or mass incidents of violence to a health service organization (Type I)

Search Terms

Question 1: Should health workers be recommended to use risk assessment tools to detect behaviours indicative of workplace violence, harassment and/or bullying?

Databases:

- Ovid MEDLINE
- Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed
- Embase
- PsycINFO
- EBM Reviews - Cochrane Central Register of Controlled Trials
- EBM Reviews - Cochrane Database of Systematic Review
- CINAHL with Full Text

Database: Ovid MEDLINE(R)
Search Strategy

#	Searches
1	Violence/
2	Workplace Violence/
3	exp Aggression/
4	Bullying/
5	exp "Discrimination (Psychology)"/
6	exp Harassment, Non-Sexual/
7	Sexual Harassment/
8	(work* adj25 violen*).mp,kw.
9	(work* adj25 aggression?).mp,kw.
10	(work* adj25 bully*).mp,kw.
11	(work* adj25 harass*).mp,kw.
12	(work* adj25 assault*).mp,kw.
13	(work* adj25 abuse?).mp,kw.
14	(work* adj25 attack*).mp,kw.
15	(work* adj25 discriminat*).mp,kw.
16	(work* adj25 intimidat*).mp,kw.
17	(work* adj25 threat*).mp,kw.
18	(disrupt* adj2 behavio?r*).mp,kw.
19	(disrupt* adj2 conduct*).mp,kw.
20	(inappropriate* adj2 behavio?r*).mp,kw.

21	(inappropriate* adj2 conduct*).mp,kw.
22	(disorderly adj2 behavio?r*).mp,kw.
23	(disorderly adj2 conduct*).mp,kw.
24	(uncivil adj2 behavio?r*).mp,kw.
25	(uncivil adj2 conduct*).mp,kw.
26	mobbing.mp,kw.
27	(physical* adj2 force?).mp,kw.
28	offensive*.mp,kw.
29	obscen*.mp,kw.
30	or/1-29
31	exp "Attitude of Health Personnel"/
32	exp Health Personnel/
33	exp Personnel, Hospital/
34	exp Health Occupations/
35	exp Patient Care Team/
36	Social Work/
37	Social Workers/
38	Nurse's Role/
39	Licensed Practical Nurses/
40	exp Nurses/
41	exp Nursing Staff/
42	Nursing Staff, Hospital/
43	exp Nursing/
44	Nursing, Practical/
45	Health Educators/
46	exp Administrative Personnel/
47	(health* adj2 provider?).mp,kw.
48	(hospital* adj2 provider?).mp,kw.
49	(health* adj2 staff?).mp,kw.
50	(hospital* adj2 staff?).mp,kw.
51	(health* adj2 personnel?).mp,kw.

52	(hospital* adj2 personnel?).mp,kw.
53	(health* adj2 employe*).mp,kw.
54	(hospital* adj2 employe*).mp,kw.
55	(health* adj2 profession*).mp,kw.
56	(hospital* adj2 profession*).mp,kw.
57	(health* adj2 occupation?).mp,kw.
58	(hospital* adj2 occupation?).mp,kw.
59	(health* adj2 practitioner?).mp,kw.
60	(hospital* adj2 practitioner?).mp,kw.
61	(health* adj2 worker?).mp,kw.
62	(hospital* adj2 worker?).mp,kw.
63	nurs*.mp,kw,jw.
64	(patient care? adj2 team?).mp,kw.
65	(health* adj2 educator?).mp,kw.
66	(social adj2 worker?).mp,kw.
67	(support* adj2 (worker? or staff?)).mp,kw.
68	exp patients/
69	(patient? or inpatient? or outpatient?).mp,kw.
70	or/31-69
71	risk assessment/
72	risk/
73	Risk Factors/
74	Nursing Assessment/
75	Symptom Assessment/
76	exp "reproducibility of results"/
77	exp "Sensitivity and Specificity"/
78	Psychometrics/
79	exp Psychiatric Status Rating Scales/
80	Forecasting/
81	(Risk? adj6 Assess*).mp,kw.
82	(Risk? adj6 Predict*).mp,kw.

83	(Risk? adj6 Function*).mp,kw.
84	(Risk? adj6 equation*).mp,kw.
85	(Risk? adj6 calc*).mp,kw.
86	(Risk? adj6 scor*).mp,kw.
87	(Risk? adj6 appraisal*).mp,kw.
88	(Risk? adj6 algorithm?).mp,kw.
89	(Risk? adj6 chart*).mp,kw.
90	(Risk? adj6 tool?).mp,kw.
91	(Risk? adj6 instrument?).mp,kw.
92	(screen or screening).mp,kw.
93	(valid* adj6 tool?).mp,kw.
94	(valid* adj6 assess?).mp,kw.
95	(valid* adj6 instrument?).mp,kw.
96	(predict* adj6 model*).mp,kw.
97	or/71-95
98	30 and 70 and 97
99	limit 98 to (clinical conference or consensus development conference or consensus development conference, nih or editorial or lectures or letter or news or newspaper article or personal narratives) [Limit not valid in Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update; records were retained]
100	98 not 99
101	limit 100 to yr="2012 – February 2019"
102	limit 101 to english language

Database(s): Ovid MEDLINE(R) Epub Ahead of Print and In-Process & Other Non-Indexed Citations
Search Strategy:

#	Searches
1	(work* adj25 violen*).mp,kw.
2	(work* adj25 aggression?).mp,kw.
3	(work* adj25 bully*).mp,kw.
4	(work* adj25 harass*).mp,kw.
5	(work* adj25 assault*).mp,kw.

6	(work* adj25 abuse?).mp,kw.
7	(work* adj25 attack*).mp,kw.
8	(work* adj25 discriminat*).mp,kw.
9	(work* adj25 intimidat*).mp,kw.
10	(work* adj25 threat*).mp,kw.
11	(disrupt* adj2 behavio?r*).mp,kw.
12	(disrupt* adj2 conduct*).mp,kw.
13	(inappropriate* adj2 behavio?r*).mp,kw.
14	(inappropriate* adj2 conduct*).mp,kw.
15	(disorderly adj2 behavio?r*).mp,kw.
16	(disorderly adj2 conduct*).mp,kw.
17	(uncivil adj2 behavio?r*).mp,kw.
18	(uncivil adj2 conduct*).mp,kw.
19	mobbing.mp,kw.
20	(physical* adj2 force?).mp,kw.
21	offensive*.mp,kw.
22	obscen*.mp,kw.
23	or/1-22
24	(health* adj2 provider?).mp,kw.
25	(hospital* adj2 provider?).mp,kw.
26	(health* adj2 staff?).mp,kw.
27	(hospital* adj2 staff?).mp,kw.
28	(health* adj2 personnel?).mp,kw.
29	(hospital* adj2 personnel?).mp,kw.
30	(health* adj2 employe*).mp,kw.
31	(hospital* adj2 employe*).mp,kw.
32	(health* adj2 profession*).mp,kw.
33	(hospital* adj2 profession*).mp,kw.
34	(health* adj2 occupation?).mp,kw.
35	(hospital* adj2 occupation?).mp,kw.
36	(health* adj2 practitioner?).mp,kw.

37	(hospital* adj2 practitioner?).mp,kw.
38	(health* adj2 worker?).mp,kw.
39	(hospital* adj2 worker?).mp,kw.
40	nurs*.mp,kw,jw.
41	(patient care? adj2 team?).mp,kw.
42	(health* adj2 educator?).mp,kw.
43	(social adj2 worker?).mp,kw.
44	(support* adj2 (worker? or staff?)).mp,kw.
45	(patient? or inpatient? or outpatient?).mp,kw.
46	or/24-45
47	(Risk? adj6 Assess*).mp,kw.
48	(Risk? adj6 Predict*).mp,kw.
49	(Risk? adj6 Function*).mp,kw.
50	(Risk? adj6 equation*).mp,kw.
51	(Risk? adj6 calc*).mp,kw.
52	(Risk? adj6 scor*).mp,kw.
53	(Risk? adj6 appraisal*).mp,kw.
54	(Risk? adj6 algorithm?).mp,kw.
55	(Risk? adj6 chart*).mp,kw.
56	(Risk? adj6 tool?).mp,kw.
57	(Risk? adj6 instrument?).mp,kw.
58	(screen or screening).mp,kw.
59	(valid* adj6 tool?).mp,kw.
60	(valid* adj6 assess?).mp,kw.
61	(valid* adj6 instrument?).mp,kw.
62	(predict* adj6 model*).mp,kw.
63	or/47-62
64	23 and 46 and 63
65	limit 64 to yr="2012 – February 2019"
66	limit 65 to english language

Database(s): Embase

Search Strategy

#	Searches	Results
1	violence/	41629
2	workplace violence/	910
3	exp aggression/	90184
4	bullying/	4613
5	exp social discrimination/	13040
6	exp harassment/	2292
7	(work* adj25 violen*).mp.	6571
8	(work* adj25 aggression?).mp.	1363
9	(work* adj25 bully*).mp.	883
10	(work* adj25 harass*).mp.	1073
11	(work* adj25 assault*).mp.	1036
12	(work* adj25 abuse?).mp.	7949
13	(work* adj25 attack*).mp.	3265
14	(work* adj25 discriminat*).mp.	7314
15	(work* adj25 intimidat*).mp.	141
16	(work* adj25 threat*).mp.	5378
17	(disrupt* adj2 behavio?r*).mp.	6575
18	(disrupt* adj2 conduct*).mp.	138
19	(inappropriate* adj2 behavio?r*).mp.	1619
20	(inappropriate* adj2 conduct*).mp.	64
21	(disorderly adj2 behavio?r*).mp.	19
22	(disorderly adj2 conduct*).mp.	36
23	(uncivil adj2 behavio?r*).mp.	43
24	(uncivil adj2 conduct*).mp.	0
25	mobbing.mp.	417
26	(physical* adj2 force?).mp.	1908
27	offensive*.mp.	2382
28	obscen*.mp.	208
29	or/1-28	173713
30	exp health personnel attitude/	162805
31	exp health care personnel/	1259259
32	exp hospital personnel/	90182
33	medical profession/	25032

34	paramedical profession/	2049
35	social work/	22357
36	psychologist/	10377
37	social worker/	8533
38	licensed practical nurse/	127
39	exp nurse/	148201
40	nursing staff/	64624
41	exp nursing/	366550
42	practical nursing/	117
43	exp health educator/	2008
44	exp administrative personnel/	27375
45	(health* adj2 provider?).mp.	64275
46	(hospital* adj2 provider?).mp.	1565
47	(health* adj2 staff?).mp.	7489
48	(hospital* adj2 staff?).mp.	8912
49	(health* adj2 personnel?).mp.	208794
50	(hospital* adj2 personnel?).mp.	26449
51	(health* adj2 employe*).mp.	6032
52	(hospital* adj2 employe*).mp.	2540
53	(health* adj2 profession*).mp.	108469
54	(hospital* adj2 profession*).mp.	1396
55	(health* adj2 occupation?).mp.	1040
56	(hospital* adj2 occupation?).mp.	96
57	(health* adj2 practitioner?).mp.	60694
58	(hospital* adj2 practitioner?).mp.	1334
59	(health* adj2 worker?).mp.	43821
60	(hospital* adj2 worker?).mp.	2019
61	nurs*.mp,jx.	846449
62	(patient care? adj2 team?).mp.	959
63	(health* adj2 educator?).mp.	3919
64	(social adj2 worker?).mp.	16125
65	(support* adj2 (worker? or staff?)).mp.	6260
66	exp patient/	2049013
67	(patient? or inpatient? or outpatient?).mp.	8689325
68	or/30-67	9774915

69	risk assessment/	429942
70	risk/	497070
71	risk factor/	836719
72	exp nursing assessment/	29881
73	symptom assessment/	4989
74	measurement precision/	6721
75	reproducibility/	184230
76	"sensitivity and specificity"/	283867
77	psychometry/	53647
78	exp psychophysiologic assessment/	47715
79	forecasting/	42301
80	(Risk? adj6 Assess*).mp.	533527
81	(Risk? adj6 Predict*).mp.	104564
82	(Risk? adj6 Function*).mp.	42464
83	(Risk? adj6 equation*).mp.	2544
84	(Risk? adj6 calc*).mp,kw.	38772
85	(Risk? adj6 calc*).mp.	38772
86	(Risk? adj6 scor*).mp.	78654
87	(Risk? adj6 appraisal*).mp.	1387
88	(Risk? adj6 algorithm?).mp.	5600
89	(Risk? adj6 chart*).mp.	2034
90	(Risk? adj6 tool?).mp.	21932
91	(Risk? adj6 instrument?).mp.	3413
92	(screen or screening).mp.	969449
93	(valid* adj6 tool?).mp.	24773
94	(valid* adj6 assess?).mp.	17280
95	(valid* adj6 instrument?).mp.	28146
96	(predict* adj6 model*).mp.	180716
97	or/69-96	3226251
98	29 and 68 and 97	14463
99	limit 98 to (books or "book review" or chapter or conference abstract or conference paper or "conference review" or editorial or letter or note)	4674
100	98 not 99	9789
101	limit 100 to yr="2012 – February 2019"	3517
102	limit 101 to english language	3330

Database(s): PsycINFO
Search Strategy

#	Searches
1	violence/
2	workplace violence/
3	aggressive behavior/
4	microaggression/
5	relational aggression/
6	exp bullying/
7	exp social discrimination/
8	exp harassment/
9	(work* adj25 violen*).mp.
10	(work* adj25 aggression?).mp.
11	(work* adj25 bully*).mp.
12	(work* adj25 harass*).mp.
13	(work* adj25 assault*).mp.
14	(work* adj25 abuse?).mp.
15	(work* adj25 attack*).mp.
16	(work* adj25 discriminat*).mp.
17	(work* adj25 intimidat*).mp.
18	(work* adj25 threat*).mp.
19	(disrupt* adj2 behavio?r*).mp.
20	(disrupt* adj2 conduct*).mp.
21	(inappropriate* adj2 behavio?r*).mp.
22	(inappropriate* adj2 conduct*).mp.
23	(disorderly adj2 behavio?r*).mp.
24	(disorderly adj2 conduct*).mp.
25	(uncivil adj2 behavio?r*).mp.
26	(uncivil adj2 conduct*).mp.
27	mobbing.mp.
28	(physical* adj2 force?).mp.
29	offensive*.mp.
30	obscen*.mp.
31	or/1-30

32	exp health personnel attitudes/
33	counselor attitudes/
34	Psychologist Attitudes/
35	exp medical personnel/
36	exp health personnel/
37	exp psychologists/
38	nurses/ or psychiatric nurses/
39	nursing/
40	exp management personnel/
41	(health* adj2 provider?).mp.
42	(hospital* adj2 provider?).mp.
43	(health* adj2 staff?).mp.
44	(hospital* adj2 staff?).mp.
45	(health* adj2 personnel?).mp.
46	(hospital* adj2 personnel?).mp.
47	(health* adj2 employe*).mp.
48	(hospital* adj2 employe*).mp.
49	(health* adj2 profession*).mp.
50	(hospital* adj2 profession*).mp.
51	(health* adj2 occupation?).mp.
52	(hospital* adj2 occupation?).mp.
53	(health* adj2 practitioner?).mp.
54	(hospital* adj2 practitioner?).mp.
55	(health* adj2 worker?).mp.
56	(hospital* adj2 worker?).mp.
57	nurs*.mp,jx.
58	(patient care? adj2 team?).mp.
59	(health* adj2 educator?).mp.
60	(social adj2 worker?).mp.
61	(support* adj2 (worker? or staff?)).mp.
62	exp patients/
63	(patient? or inpatient? or outpatient?).mp.
64	or/32-63
65	patient violence/
66	risk assessment/

#	Searches
67	risk management/
68	risk factors/
69	exp psychological assessment/
70	exp test validity/
71	exp test construction/
72	psychometrics/
73	(Risk? adj6 Assess*).mp.
74	(Risk? adj6 Predict*).mp.
75	(Risk? adj6 Function*).mp.
76	(Risk? adj6 equation*).mp.
77	(Risk? adj6 calc*).mp.
78	(Risk? adj6 scor*).mp.
79	(Risk? adj6 appraisal*).mp.
80	(Risk? adj6 algorithm?).mp.
81	(Risk? adj6 chart*).mp.
82	(Risk? adj6 tool?).mp.
83	(Risk? adj6 instrument?).mp.
84	(screen or screening).mp.
85	(valid* adj6 tool?).mp.
86	(valid* adj6 assess?).mp.
87	(valid* adj6 instrument?).mp.
88	(predict* adj6 model*).mp.
89	or/66-88
90	31 and 64 and 89
91	65 and 89
92	90 or 91
93	limit 92 to (chapter or "column/opinion" or editorial or letter)
94	92 not 93
95	limit 94 to yr="2012 – February 2019"
96	limit 95 to english language

Database EBM Reviews - Cochrane Database of Systematic Reviews

Search Strategy:

#	Searches
1	(work* adj25 violen*).mp,kw.

2	(work* adj25 aggression?).mp,kw.
3	(work* adj25 bully*).mp,kw.
4	(work* adj25 harass*).mp,kw.
5	(work* adj25 assault*).mp,kw.
6	(work* adj25 abuse?).mp,kw.
7	(work* adj25 attack*).mp,kw.
8	(work* adj25 discriminat*).mp,kw.
9	(work* adj25 intimidat*).mp,kw.
10	(work* adj25 threat*).mp,kw.
11	(disrupt* adj2 behavio?r*).mp,kw.
12	(disrupt* adj2 conduct*).mp,kw.
13	(inappropriate* adj2 behavio?r*).mp,kw.
14	(inappropriate* adj2 conduct*).mp,kw.
15	(disorderly adj2 behavio?r*).mp,kw.
16	(disorderly adj2 conduct*).mp,kw.
17	(uncivil adj2 behavio?r*).mp,kw.
18	(uncivil adj2 conduct*).mp,kw.
19	mobbing.mp,kw.
20	(physical* adj2 force?).mp,kw.
21	offensive*.mp,kw.
22	obscen*.mp,kw.
23	or/1-22
24	(health* adj2 provider?).mp,kw.
25	(hospital* adj2 provider?).mp,kw.
26	(health* adj2 staff?).mp,kw.
27	(hospital* adj2 staff?).mp,kw.
28	(health* adj2 personnel?).mp,kw.
29	(hospital* adj2 personnel?).mp,kw.
30	(health* adj2 employe*).mp,kw.
31	(hospital* adj2 employe*).mp,kw.
32	(health* adj2 profession*).mp,kw.
33	(hospital* adj2 profession*).mp,kw.
34	(health* adj2 occupation?).mp,kw.
35	(hospital* adj2 occupation?).mp,kw.
36	(health* adj2 practitioner?).mp,kw.

#	Searches
37	(hospital* adj2 practitioner?).mp,kw.
38	(health* adj2 worker?).mp,kw.
39	(hospital* adj2 worker?).mp,kw.
40	nurs*.mp,kw,jw.
41	(patient care? adj2 team?).mp,kw.
42	(health* adj2 educator?).mp,kw.
43	(social adj2 worker?).mp,kw.
44	(support* adj2 (worker? or staff?)).mp,kw.
45	(patient? or inpatient? or outpatient?).mp,kw.
46	or/24-45
47	(Risk? adj6 Assess*).mp,kw.
48	(Risk? adj6 Predict*).mp,kw.
49	(Risk? adj6 Function*).mp,kw.
50	(Risk? adj6 equation*).mp,kw.
51	(Risk? adj6 calc*).mp,kw.
52	(Risk? adj6 scor*).mp,kw.
53	(Risk? adj6 appraisal*).mp,kw.
54	(Risk? adj6 algorithm?).mp,kw.
55	(Risk? adj6 chart*).mp,kw.
56	(Risk? adj6 tool?).mp,kw.
57	(Risk? adj6 instrument?).mp,kw.
58	(screen or screening).mp,kw.
59	(valid* adj6 tool?).mp,kw.
60	(valid* adj6 assess?).mp,kw.
61	(valid* adj6 instrument?).mp,kw.
62	(predict* adj6 model*).mp,kw.
63	or/47-62
64	23 and 46 and 63
65	limit 64 to yr="2012 – February 2019"
66	limit 65 to full systematic reviews

Database: EBM Reviews - Cochrane Central Register of Controlled Trials
Search Strategy:

#	Searches
1	Violence/

2	Workplace Violence/
3	exp Aggression/
4	Bullying/
5	exp "Discrimination (Psychology)"/
6	exp Harassment, Non-Sexual/
7	Sexual Harassment/
8	(work* adj25 violen*).mp,kw.
9	(work* adj25 aggression?).mp,kw.
10	(work* adj25 bully*).mp,kw.
11	(work* adj25 harass*).mp,kw.
12	(work* adj25 assault*).mp,kw.
13	(work* adj25 abuse?).mp,kw.
14	(work* adj25 attack*).mp,kw.
15	(work* adj25 discriminat*).mp,kw.
16	(work* adj25 intimidat*).mp,kw.
17	(work* adj25 threat*).mp,kw.
18	(disrupt* adj2 behavio?r*).mp,kw.
19	(disrupt* adj2 conduct*).mp,kw.
20	(inappropriate* adj2 behavio?r*).mp,kw.
21	(inappropriate* adj2 conduct*).mp,kw.
22	(disorderly adj2 behavio?r*).mp,kw.
23	(disorderly adj2 conduct*).mp,kw.
24	(uncivil adj2 behavio?r*).mp,kw.
25	(uncivil adj2 conduct*).mp,kw.
26	mobbing.mp,kw.
27	(physical* adj2 force?).mp,kw.
28	offensive*.mp,kw.
29	obscen*.mp,kw.
30	or/1-29
31	exp "Attitude of Health Personnel"/
32	exp Health Personnel/
33	exp Personnel, Hospital/
34	exp Health Occupations/
35	exp Patient Care Team/
36	Social Work/

37	Social Workers/
38	Nurse's Role/
39	Licensed Practical Nurses/
40	exp Nurses/
41	exp Nursing Staff/
42	Nursing Staff, Hospital/
43	exp Nursing/
44	Nursing, Practical/
45	Health Educators/
46	exp Administrative Personnel/
47	(health* adj2 provider?).mp,kw.
48	(hospital* adj2 provider?).mp,kw.
49	(health* adj2 staff?).mp,kw.
50	(hospital* adj2 staff?).mp,kw.
51	(health* adj2 personnel?).mp,kw.
52	(hospital* adj2 personnel?).mp,kw.
53	(health* adj2 employe*).mp,kw.
54	(hospital* adj2 employe*).mp,kw.
55	(health* adj2 profession*).mp,kw.
56	(hospital* adj2 profession*).mp,kw.
57	(health* adj2 occupation?).mp,kw.
58	(hospital* adj2 occupation?).mp,kw.
59	(health* adj2 practitioner?).mp,kw.
60	(hospital* adj2 practitioner?).mp,kw.
61	(health* adj2 worker?).mp,kw.
62	(hospital* adj2 worker?).mp,kw.
63	nurs*.mp,kw,jw.
64	(patient care? adj2 team?).mp,kw.
65	(health* adj2 educator?).mp,kw.
66	(social adj2 worker?).mp,kw.
67	(support* adj2 (worker? or staff?)).mp,kw.
68	exp patients/
69	(patient? or inpatient? or outpatient?).mp,kw.
70	or/31-69
71	risk assessment/

72	risk/
73	Risk Factors/
74	Nursing Assessment/
75	Symptom Assessment/
76	exp "reproducibility of results"/
77	exp "Sensitivity and Specificity"/
78	Psychometrics/
79	exp Psychiatric Status Rating Scales/
80	Forecasting/
81	(Risk? adj6 Assess*).mp,kw.
82	(Risk? adj6 Predict*).mp,kw.
83	(Risk? adj6 Function*).mp,kw.
84	(Risk? adj6 equation*).mp,kw.
85	(Risk? adj6 calc*).mp,kw.
86	(Risk? adj6 scor*).mp,kw.
87	(Risk? adj6 appraisal*).mp,kw.
88	(Risk? adj6 algorithm?).mp,kw.
89	(Risk? adj6 chart*).mp,kw.
90	(Risk? adj6 tool?).mp,kw.
91	(Risk? adj6 instrument?).mp,kw.
92	(screen or screening).mp,kw.
93	(valid* adj6 tool?).mp,kw.
94	(valid* adj6 assess?).mp,kw.
95	(valid* adj6 instrument?).mp,kw.
96	(predict* adj6 model*).mp,kw.
97	or/71-95
98	30 and 70 and 97
99	limit 98 to yr="2012 – February 2019"
100	limit 99 to english language

Interface - EBSCOhost
Research Databases Search Screen - Advanced Search
Database - CINAHL with Full Text

#	Query	Limiters/Expanders
S1	(MH "Violence")	Search modes - Boolean/Phrase
S2	(MH "Workplace Violence")	Search modes - Boolean/Phrase

S3	(MH "Aggression")	Search modes - Boolean/Phrase
S4	(MH "Bullying+")	Search modes - Boolean/Phrase
S5	(MH "Discrimination+")	Search modes - Boolean/Phrase
S6	(MH "Sexual Harassment")	Search modes - Boolean/Phrase
S7	(MH "Patient Assault")	Search modes - Boolean/Phrase
S8	(work* n25 violen*)	Search modes - Boolean/Phrase
S9	work* n25 aggression#	Search modes - Boolean/Phrase
S10	work* n25 bully*	Search modes - Boolean/Phrase
S11	work* n25 harass*	Search modes - Boolean/Phrase
S12	work* n25 assault*	Search modes - Boolean/Phrase
S13	work* n25 abuse#	Search modes - Boolean/Phrase
S14	work* n25 attack*	Search modes - Boolean/Phrase
S15	work* n25 discriminat*	Search modes - Boolean/Phrase
S16	work* n25 intimidat*	Search modes - Boolean/Phrase
S17	work* n25 threat*	Search modes - Boolean/Phrase
S18	(disrupt* adj2 behavio#r*)	Search modes - Boolean/Phrase
S19	disrupt* n2 behavio#r	Search modes - Boolean/Phrase
S20	disrupt* n2 conduct*)	Search modes - Boolean/Phrase
S21	(inappropriate* n2 behavio#r*)	Search modes - Boolean/Phrase
S22	(inappropriate* n2 conduct*)	Search modes - Boolean/Phrase
S23	(disorderly n2 behavio#r*)	Search modes - Boolean/Phrase
S24	(disorderly n2 conduct*)	Search modes - Boolean/Phrase
S25	(uncivil n2 behavio#r*)	Search modes - Boolean/Phrase
S26	(uncivil n2 conduct*)	Search modes - Boolean/Phrase
S27	mobbing	Search modes - Boolean/Phrase
S28	physical* n2 force#	Search modes - Boolean/Phrase
S29	offensive*	Search modes - Boolean/Phrase
S30	obscene*	Search modes - Boolean/Phrase
S31	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 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	Search modes - Boolean/Phrase
S32	(MH "Attitude of Health Personnel+")	Search modes - Boolean/Phrase
S33	(MH "Health Personnel+")	Search modes - Boolean/Phrase
S34	(MH "Personnel, Health Facility+")	Search modes - Boolean/Phrase
S35	(MH "Health Occupations+")	Search modes - Boolean/Phrase
S36	(MH "Multidisciplinary Care Team+")	Search modes - Boolean/Phrase
S37	(MH "Social Work+")	Search modes - Boolean/Phrase
S38	(MH "Social Workers")	Search modes - Boolean/Phrase
S39	(MH "Nursing Role")	Search modes - Boolean/Phrase
S40	(MH "Nurses+")	Search modes - Boolean/Phrase
S41	(MH "Nursing Staff, Hospital")	Search modes - Boolean/Phrase
S42	(MH "Health Educators")	Search modes - Boolean/Phrase
S43	(MH "Administrative Personnel") OR (MH	Search modes - Boolean/Phrase

		"Health Facility Administrators") OR (MH "Nurse Administrators") OR (MH "Physician Executives")	
S44	health* n2 provider#	Search modes - Boolean/Phrase
S45	hospital* n2 provider#	Search modes - Boolean/Phrase
S46	hospital* n2 staff#	Search modes - Boolean/Phrase
S47	health* n2 personnel#	Search modes - Boolean/Phrase
S48	hospital* n2 personnel#	Search modes - Boolean/Phrase
S49	hospital* n2 employe*	Search modes - Boolean/Phrase
S50	health* n2 profession*	Search modes - Boolean/Phrase
S51	hospital* n2 profession*	Search modes - Boolean/Phrase
S52	health* n2 occupation#	Search modes - Boolean/Phrase
S53	hospital* n2 occupation#	Search modes - Boolean/Phrase
S54	health* n2 practitioner#	Search modes - Boolean/Phrase
S55	hospital* n2 practitioner#	Search modes - Boolean/Phrase
S56	nurs* OR SO nurs*	Search modes - Boolean/Phrase
S57	patient care# n2 team#	Search modes - Boolean/Phrase
S58	health* n2 educator#	Search modes - Boolean/Phrase
S59	(support* n2 (worker# or staff#))	Search modes - Boolean/Phrase
S60	(MH "Patients+")	Search modes - Boolean/Phrase
S61	patient? or inpatient? or outpatient?	Search modes - Boolean/Phrase
S62	S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53 OR S54 OR S55 OR S56 OR S57 OR S58 OR S59 OR S60 OR S61	Search modes - Boolean/Phrase
S63	(MH "Risk Assessment")	Search modes - Boolean/Phrase
S64	(MH "Risk Factors")	Search modes - Boolean/Phrase
S65	(MH "Nursing Assessment")	Search modes - Boolean/Phrase
S66	(MH "Patient Assessment")	Search modes - Boolean/Phrase
S67	(MH "Reproducibility of Results")	Search modes - Boolean/Phrase
S68	(MH "Measurement Issues and Assessments+")	Search modes - Boolean/Phrase
S69	(MH "Behavior Rating Scales")	Search modes - Boolean/Phrase
S70	(MH "Forecasting")	Search modes - Boolean/Phrase
S71	(Risk# n6 Assess*)	Search modes - Boolean/Phrase
S72	(Risk# n6 Predict*)	Search modes - Boolean/Phrase
S73	(Risk# n6 Function*)	Search modes - Boolean/Phrase
S74	(Risk# n6 equation*)	Search modes - Boolean/Phrase
S75	(Risk# n6 calc*)	Search modes - Boolean/Phrase
S76	(Risk# n6 scor*)	Search modes - Boolean/Phrase
S77	(Risk# n6 appraisal*)	Search modes - Boolean/Phrase
S78	(Risk# n6 algorithm#)	Search modes - Boolean/Phrase
S79	(Risk# n6 chart*)	Search modes - Boolean/Phrase
S80	(Risk# n6 tool*)	Search modes - Boolean/Phrase

S81	(Risk# n6 instrument*)	Search modes - Boolean/Phrase
S82	screen or screening	Search modes - Boolean/Phrase
S83	(valid* n6 tool*)	Search modes - Boolean/Phrase
S84	(valid* n6 assess*)	Search modes - Boolean/Phrase
S85	(valid* n6 instrument#)	Search modes - Boolean/Phrase
S86	(predict* n6 model*)	Search modes - Boolean/Phrase
S87	S63 OR S64 OR S65 OR S66 OR S67 OR S68 OR S69 OR S70 OR S71 OR S72 OR S73 OR S74 OR S75 OR S76 OR S77 OR S78 OR S79 OR S80 OR S81 OR S82 OR S83 OR S84 OR S85 OR S86	Search modes - Boolean/Phrase
S88	(MH "Violence Risk (Saba CCC)")	Search modes - Boolean/Phrase
S89	(MH "Risk for Violence, Self-Directed or Directed at Others (NANDA)")	Search modes - Boolean/Phrase
S90	S88 OR S89	Search modes - Boolean/Phrase
S91	S31 AND S62 AND S87	Search modes - Boolean/Phrase
S92	S62 AND S90	Search modes - Boolean/Phrase
S93	S91 OR S92	Search modes - Boolean/Phrase
S94	S93	Limiters - Published Date: 20120101-20190228; English Language Search modes - Boolean/Phrase

Question 2: Should organizational policies and procedures to prevent and manage workplace violence, harassment and/or bullying among health workers be recommended to improve organizational and health worker outcomes?

Databases:
- Ovid MEDLINE
- Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed
- Embase
- PsycINFO
- EBM Reviews - Cochrane Central Register of Controlled Trials
- EBM Reviews - Cochrane Database of Systematic Review
- CINAHL with Full Text

Database: Ovid MEDLINE(R)
Search Strategy

#	Searches
1	Violence/
2	Workplace Violence/
3	exp Aggression/
4	Bullying/
5	exp "Discrimination (Psychology)"/
6	exp Harassment, Non-Sexual/

7	Sexual Harassment/
8	(work* adj25 violen*).mp,kw.
9	(work* adj25 aggression?).mp,kw.
10	(work* adj25 bully*).mp,kw.
11	(work* adj25 harass*).mp,kw.
12	(work* adj25 assault*).mp,kw.
13	(work* adj25 abuse?).mp,kw.
14	(work* adj25 attack*).mp,kw.
15	(work* adj25 discriminat*).mp,kw.
16	(work* adj25 intimidat*).mp,kw.
17	(work* adj25 threat*).mp,kw.
18	(disrupt* adj2 behavio?r*).mp,kw.
19	(disrupt* adj2 conduct*).mp,kw.
20	(inappropriate* adj2 behavio?r*).mp,kw.
21	(inappropriate* adj2 conduct*).mp,kw.
22	(disorderly adj2 behavio?r*).mp,kw.
23	(disorderly adj2 conduct*).mp,kw.
24	mobbing.mp,kw.
25	(physical* adj2 force?).mp,kw.
26	offensive*.mp,kw.
27	obscen*.mp,kw.
28	or/1-27
29	"Delivery of Health Care"/
30	exp "Delivery of Health Care, Integrated"/
31	Health Planning Organizations/
32	Health Planning Support/
33	Health Planning/
34	Mandatory Reporting/
35	Policy/
36	Public Policy/
37	Organizational Policy/
38	Health Policy/
39	Policy Making/
40	Organizational Innovation/
41	Organizational Culture/

42	Decision Making, Organizational/
43	Decision Making/
44	Models, Organizational/
45	"Quality of Health Care"/
46	Quality Improvement/
47	Patient Safety/
48	Occupational Health/
49	Standard of Care/
50	Program Evaluation/
51	Program Development/
52	exp Safety Management/
53	exp Security Measures/
54	((healthcare? or health care?) adj2 deliver*).mp,kw.
55	planning?.mp,kw.
56	innovat*.mp,kw.
57	(culture? or cultural).mp,kw.
58	(decision? adj2 (making or maker?)).mp,kw.
59	((healthcare? or health care?) adj2 qualit*).mp,kw.
60	(qualit* adj2 improv*).mp,kw.
61	(patient? adj2 safet*).mp,kw.
62	(occupational adj2 (health or safet*)).mp,kw.
63	(standard* adj2 care).mp,kw.
64	(policy or policies).mp,kw.
65	program?.mp,kw.
66	(safety adj2 (measure? or manag*)).mp,kw.
67	(security adj2 (measure? or manag*)).mp,kw.
68	(organization* adj2 (structur* or process*)).mp,kw.
69	or/29-68
70	exp "Attitude of Health Personnel"/
71	exp Health Personnel/
72	exp Personnel, Hospital/
73	exp Health Occupations/
74	exp Patient Care Team/
75	Social Work/
76	Social Workers/

77	Nurse's Role/
78	Licensed Practical Nurses/
79	exp Nurses/
80	exp Nursing Staff/
81	Nursing Staff, Hospital/
82	exp Nursing/
83	Nursing, Practical/
84	Health Educators/
85	exp Administrative Personnel/
86	(health* adj2 provider?).mp,kw.
87	(hospital* adj2 provider?).mp,kw.
88	(health* adj2 staff?).mp,kw.
89	(hospital* adj2 staff?).mp,kw.
90	(health* adj2 personnel?).mp,kw.
91	(hospital* adj2 personnel?).mp,kw.
92	(health* adj2 employe*).mp,kw.
93	(hospital* adj2 employe*).mp,kw.
94	(health* adj2 profession*).mp,kw.
95	(hospital* adj2 profession*).mp,kw.
96	(health* adj2 occupation?).mp,kw.
97	(hospital* adj2 occupation?).mp,kw.
98	(health* adj2 practitioner?).mp,kw.
99	(hospital* adj2 practitioner?).mp,kw.
100	(health* adj2 worker?).mp,kw.
101	(hospital* adj2 worker?).mp,kw.
102	nurs*.mp,kw,jw.
103	(patient care? adj2 team?).mp,kw.
104	(health* adj2 educator?).mp,kw.
105	(social adj2 worker?).mp,kw.
106	(support* adj2 (worker? or staff?)).mp,kw.
107	or/70-106
108	28 and 69 and 107
109	limit 108 to (clinical conference or consensus development conference or consensus development conference, nih or editorial or lectures or letter or news or newspaper article or personal narratives)
110	108 not 109

#	Searches
111	limit 110 to yr="2012 February 2019"
112	limit 111 to english language

Database(s): Ovid MEDLINE(R) Epub Ahead of Print and In-Process & Other Non-Indexed Citations
Search Strategy

#	Searches
1	(work* adj25 violen*).mp,kw.
2	(work* adj25 aggression?).mp,kw.
3	(work* adj25 bully*).mp,kw.
4	(work* adj25 harass*).mp,kw.
5	(work* adj25 assault*).mp,kw.
6	(work* adj25 abuse?).mp,kw.
7	(work* adj25 attack*).mp,kw.
8	(work* adj25 discriminat*).mp,kw.
9	(work* adj25 intimidat*).mp,kw.
10	(work* adj25 threat*).mp,kw.
11	(disrupt* adj2 behavio?r*).mp,kw.
12	(disrupt* adj2 conduct*).mp,kw.
13	(inappropriate* adj2 behavio?r*).mp,kw.
14	(inappropriate* adj2 conduct*).mp,kw.
15	(disorderly adj2 behavio?r*).mp,kw.
16	(disorderly adj2 conduct*).mp,kw.
17	mobbing.mp,kw.
18	(physical* adj2 force?).mp,kw.
19	offensive*.mp,kw.
20	obscen*.mp,kw.
21	or/1-20
22	((healthcare? or health care?) adj2 deliver*).mp,kw.
23	planning?.mp,kw.
24	innovat*.mp,kw.
25	(culture? or cultural).mp,kw.
26	(decision? adj2 (making or maker?)).mp,kw.
27	((healthcare? or health care?) adj2 qualit*).mp,kw.
28	(qualit* adj2 improv*).mp,kw.

29	(patient? adj2 safet*).mp,kw.
30	(occupational adj2 (health or safet*)).mp,kw.
31	(standard* adj2 care).mp,kw.
32	(policy or policies).mp,kw.
33	program?.mp,kw.
34	(safety adj2 (measure? or manag*)).mp,kw.
35	(security adj2 (measure? or manag*)).mp,kw.
36	(organization* adj2 (structur* or process*)).mp,kw.
37	or/22-36
38	(health* adj2 provider?).mp,kw.
39	(hospital* adj2 provider?).mp,kw.
40	(health* adj2 staff?).mp,kw.
41	(hospital* adj2 staff?).mp,kw.
42	(health* adj2 personnel?).mp,kw.
43	(hospital* adj2 personnel?).mp,kw.
44	(health* adj2 employe*).mp,kw.
45	(hospital* adj2 employe*).mp,kw.
46	(health* adj2 profession*).mp,kw.
47	(hospital* adj2 profession*).mp,kw.
48	(health* adj2 occupation?).mp,kw.
49	(hospital* adj2 occupation?).mp,kw.
50	(health* adj2 practitioner?).mp,kw.
51	(hospital* adj2 practitioner?).mp,kw.
52	(health* adj2 worker?).mp,kw.
53	(hospital* adj2 worker?).mp,kw.
54	nurs*.mp,kw,jw.
55	(patient care? adj2 team?).mp,kw.
56	(health* adj2 educator?).mp,kw.
57	(social adj2 worker?).mp,kw.
58	(support* adj2 (worker? or staff?)).mp,kw.
59	or/38-58
60	21 and 37 and 59
61	limit 60 to yr="2012 – February 2019"
62	limit 61 to english language

Database(s): Embase
Search Strategy

#	Searches
1	violence/
2	workplace violence/
3	exp aggression/
4	bullying/
5	exp social discrimination/
6	exp harassment/
7	(work* adj25 violen*).mp.
8	(work* adj25 aggression?).mp.
9	(work* adj25 bully*).mp.
10	(work* adj25 harass*).mp.
11	(work* adj25 assault*).mp.
12	(work* adj25 abuse?).mp.
13	(work* adj25 attack*).mp.
14	(work* adj25 discriminat*).mp.
15	(work* adj25 intimidat*).mp.
16	(work* adj25 threat*).mp.
17	(disrupt* adj2 behavio?r*).mp.
18	(disrupt* adj2 conduct*).mp.
19	(inappropriate* adj2 behavio?r*).mp.
20	(inappropriate* adj2 conduct*).mp.
21	(disorderly adj2 behavio?r*).mp.
22	(disorderly adj2 conduct*).mp.
23	mobbing.mp.
24	(physical* adj2 force?).mp.
25	offensive*.mp.
26	obscene*.mp.
27	or/1-26
28	health care delivery/
29	integrated health care system/
30	health care planning/
31	mandatory reporting/
32	mandatory program/

33	exp policy/
34	planning/
35	organization/
36	decision making/
37	health care quality/
38	total quality management/
39	patient safety/
40	occupational health/
41	exp program evaluation/
42	program development/
43	safety/
44	((healthcare? or health care?) adj2 deliver*).mp.
45	planning?.mp.
46	innovat*.mp.
47	(culture? or cultural).mp.
48	(decision? adj2 (making or maker?)).mp.
49	((healthcare? or health care?) adj2 qualit*).mp.
50	(qualit* adj2 improv*).mp.
51	(patient? adj2 safet*).mp.
52	(occupational adj2 (health or safet*)).mp.
53	(standard* adj2 care).mp.
54	(policy or policies).mp.
55	program?.mp.
56	(safety adj2 (measure? or manag*)).mp.
57	(security adj2 (measure? or manag*)).mp.
58	(organization* adj2 (structur* or process*)).mp.
59	or/28-58
60	exp health personnel attitude/
61	exp health care personnel/
62	exp hospital personnel/
63	medical profession/
64	paramedical profession/
65	social work/
66	psychologist/
67	social worker/

68	licensed practical nurse/
69	exp nurse/
70	nursing staff/
71	exp nursing/
72	practical nursing/
73	exp health educator/
74	exp administrative personnel/
75	(health* adj2 provider?).mp.
76	(hospital* adj2 provider?).mp.
77	(health* adj2 staff?).mp.
78	(hospital* adj2 staff?).mp.
79	(health* adj2 personnel?).mp.
80	(hospital* adj2 personnel?).mp.
81	(health* adj2 employe*).mp.
82	(hospital* adj2 employe*).mp.
83	(health* adj2 profession*).mp.
84	(hospital* adj2 profession*).mp.
85	(health* adj2 occupation?).mp.
86	(hospital* adj2 occupation?).mp.
87	(health* adj2 practitioner?).mp.
88	(hospital* adj2 practitioner?).mp.
89	(health* adj2 worker?).mp.
90	(hospital* adj2 worker?).mp.
91	nurs*.mp,jx.
92	(patient care? adj2 team?).mp.
93	(health* adj2 educator?).mp.
94	(social adj2 worker?).mp.
95	(support* adj2 (worker? or staff?)).mp.
96	or/60-95
97	27 and 59 and 96
98	limit 97 to (books or "book review" or chapter or conference abstract or conference paper or "conference review" or editorial or letter or note)
99	97 not 98
100	limit 99 to yr="2012 – February 2019"
101	limit 100 to english language

Database(s): PsycINFO
Search Strategy:

#	Searches
1	violence/
2	workplace violence/
3	aggressive behavior/
4	microaggression/
5	relational aggression/
6	exp bullying/
7	exp social discrimination/
8	exp harassment/
9	(work* adj25 violen*).mp.
10	(work* adj25 aggression?).mp.
11	(work* adj25 bully*).mp.
12	(work* adj25 harass*).mp.
13	(work* adj25 assault*).mp.
14	(work* adj25 abuse?).mp.
15	(work* adj25 attack*).mp.
16	(work* adj25 discriminat*).mp.
17	(work* adj25 intimidat*).mp.
18	(work* adj25 threat*).mp.
19	(disrupt* adj2 behavio?r*).mp.
20	(disrupt* adj2 conduct*).mp.
21	(inappropriate* adj2 behavio?r*).mp.
22	(inappropriate* adj2 conduct*).mp.
23	(disorderly adj2 behavio?r*).mp.
24	(disorderly adj2 conduct*).mp.
25	mobbing.mp.
26	(physical* adj2 force?).mp.
27	offensive*.mp.
28	obscene*.mp.
29	or/1-28
30	health care delivery/
31	integrated services/
32	abuse reporting/

33	exp health care policy/
34	clinical governance/
35	exp government policy making/
36	policy making/
37	exp organizational behavior/
38	organizational climate/
39	management decision making/
40	decision making/
41	"quality of services"/ or "quality of care"/
42	health care services/ or mental health services/
43	patient safety/ or safety/
44	occupational health/
45	exp professional standards/
46	exp program evaluation/
47	exp program development/
48	occupational safety/
49	((healthcare? or health care?) adj2 deliver*).mp.
50	planning?.mp.
51	innovat*.mp.
52	(culture? or cultural).mp.
53	(decision? adj2 (making or maker?)).mp.
54	((healthcare? or health care?) adj2 qualit*).mp.
55	(qualit* adj2 improv*).mp.
56	(patient? adj2 safet*).mp.
57	(occupational adj2 (health or safet*)).mp.
58	(standard* adj2 care).mp.
59	(policy or policies).mp.
60	program?.mp.
61	(safety adj2 (measure? or manag*)).mp.
62	(security adj2 (measure? or manag*)).mp.
63	(organization* adj2 (structur* or process*)).mp.
64	or/30-63
65	exp health personnel attitudes/
66	counselor attitudes/
67	Psychologist Attitudes/

68	exp medical personnel/
69	exp health personnel/
70	exp psychologists/
71	nurses/ or psychiatric nurses/
72	nursing/
73	exp management personnel/
74	(health* adj2 provider?).mp.
75	(hospital* adj2 provider?).mp.
76	(health* adj2 staff?).mp.
77	(hospital* adj2 staff?).mp.
78	(health* adj2 personnel?).mp.
79	(hospital* adj2 personnel?).mp.
80	(health* adj2 employe*).mp.
81	(hospital* adj2 employe*).mp.
82	(health* adj2 profession*).mp.
83	(hospital* adj2 profession*).mp.
84	(health* adj2 occupation?).mp.
85	(hospital* adj2 occupation?).mp.
86	(health* adj2 practitioner?).mp.
87	(hospital* adj2 practitioner?).mp.
88	(health* adj2 worker?).mp.
89	(hospital* adj2 worker?).mp.
90	nurs*.mp.
91	(patient care? adj2 team?).mp.
92	(health* adj2 educator?).mp.
93	(social adj2 worker?).mp.
94	(support* adj2 (worker? or staff?)).mp.
95	or/65-94
96	29 and 64 and 95
97	limit 96 to (chapter or "column/opinion" or editorial or letter)
98	96 not 97
99	limit 98 to yr="2012 –February 2019"
100	limit 99 to english language

Database(s) EBM Reviews - Cochrane Database of Systematic Reviews

Search Strategy:

#	Searches
1	(work* adj25 violen*).mp,kw.
2	(work* adj25 aggression?).mp,kw.
3	(work* adj25 bully*).mp,kw.
4	(work* adj25 harass*).mp,kw.
5	(work* adj25 assault*).mp,kw.
6	(work* adj25 abuse?).mp,kw.
7	(work* adj25 attack*).mp,kw.
8	(work* adj25 discriminat*).mp,kw.
9	(work* adj25 intimidat*).mp,kw.
10	(work* adj25 threat*).mp,kw.
11	(disrupt* adj2 behavio?r*).mp,kw.
12	(disrupt* adj2 conduct*).mp,kw.
13	(inappropriate* adj2 behavio?r*).mp,kw.
14	(inappropriate* adj2 conduct*).mp,kw.
15	(disorderly adj2 behavio?r*).mp,kw.
16	(disorderly adj2 conduct*).mp,kw.
17	mobbing.mp,kw.
18	(physical* adj2 force?).mp,kw.
19	offensive*.mp,kw.
20	obscen*.mp,kw.
21	or/1-20
22	((healthcare? or health care?) adj2 deliver*).mp,kw.
23	planning?.mp,kw.
24	innovat*.mp,kw.
25	(culture? or cultural).mp,kw.
26	(decision? adj2 (making or maker?)).mp,kw.
27	((healthcare? or health care?) adj2 qualit*).mp,kw.
28	(qualit* adj2 improv*).mp,kw.
29	(patient? adj2 safet*).mp,kw.
30	(occupational adj2 (health or safet*)).mp,kw.
31	(standard* adj2 care).mp,kw.
32	(policy or policies).mp,kw.
33	program?.mp,kw.

#	Searches
34	(safety adj2 (measure? or manag*)).mp,kw.
35	(security adj2 (measure? or manag*)).mp,kw.
36	(organization* adj2 (structur* or process*)).mp,kw.
37	or/22-36
38	(health* adj2 provider?).mp,kw.
39	(hospital* adj2 provider?).mp,kw.
40	(health* adj2 staff?).mp,kw.
41	(hospital* adj2 staff?).mp,kw.
42	(health* adj2 personnel?).mp,kw.
43	(hospital* adj2 personnel?).mp,kw.
44	(health* adj2 employe*).mp,kw.
45	(hospital* adj2 employe*).mp,kw.
46	(health* adj2 profession*).mp,kw.
47	(hospital* adj2 profession*).mp,kw.
48	(health* adj2 occupation?).mp,kw.
49	(hospital* adj2 occupation?).mp,kw.
50	(health* adj2 practitioner?).mp,kw.
51	(hospital* adj2 practitioner?).mp,kw.
52	(health* adj2 worker?).mp,kw.
53	(hospital* adj2 worker?).mp,kw.
54	nurs*.mp,kw,jw.
55	(patient care? adj2 team?).mp,kw.
56	(health* adj2 educator?).mp,kw.
57	(social adj2 worker?).mp,kw.
58	(support* adj2 (worker? or staff?)).mp,kw.
59	or/38-58
60	21 and 37 and 59
61	limit 60 to yr="2012 – February 2019"
62	limit 61 to full systematic reviews

Database: EBM Reviews - Cochrane Central Register of Controlled Trials
Search Strategy:

#	Searches
1	Violence/
2	Workplace Violence/

3	exp Aggression/
4	Bullying/
5	exp "Discrimination (Psychology)"/
6	exp Harassment, Non-Sexual/
7	Sexual Harassment/
8	(work* adj25 violen*).mp,kw.
9	(work* adj25 aggression?).mp,kw.
10	(work* adj25 bully*).mp,kw.
11	(work* adj25 harass*).mp,kw.
12	(work* adj25 assault*).mp,kw.
13	(work* adj25 abuse?).mp,kw.
14	(work* adj25 attack*).mp,kw.
15	(work* adj25 discriminat*).mp,kw.
16	(work* adj25 intimidat*).mp,kw.
17	(work* adj25 threat*).mp,kw.
18	(disrupt* adj2 behavio?r*).mp,kw.
19	(disrupt* adj2 conduct*).mp,kw.
20	(inappropriate* adj2 behavio?r*).mp,kw.
21	(inappropriate* adj2 conduct*).mp,kw.
22	(disorderly adj2 behavio?r*).mp,kw.
23	(disorderly adj2 conduct*).mp,kw.
24	mobbing.mp,kw.
25	(physical* adj2 force?).mp,kw.
26	offensive*.mp,kw.
27	obscen*.mp,kw.
28	or/1-27
29	"Delivery of Health Care"/
30	exp "Delivery of Health Care, Integrated"/
31	Health Planning Organizations/
32	Health Planning Support/
33	Health Planning/
34	Mandatory Reporting/
35	Policy/
36	Public Policy/
37	Organizational Policy/

38	Health Policy/
39	Policy Making/
40	Organizational Innovation/
41	Organizational Culture/
42	Decision Making, Organizational/
43	Decision Making/
44	Models, Organizational/
45	"Quality of Health Care"/
46	Quality Improvement/
47	Patient Safety/
48	Occupational Health/
49	Standard of Care/
50	Program Evaluation/
51	Program Development/
52	exp Safety Management/
53	exp Security Measures/
54	((healthcare? or health care?) adj2 deliver*).mp,kw.
55	planning?.mp,kw.
56	innovat*.mp,kw.
57	(culture? or cultural).mp,kw.
58	(decision? adj2 (making or maker?)).mp,kw.
59	((healthcare? or health care?) adj2 qualit*).mp,kw.
60	(qualit* adj2 improv*).mp,kw.
61	(patient? adj2 safet*).mp,kw.
62	(occupational adj2 (health or safet*)).mp,kw.
63	(standard* adj2 care).mp,kw.
64	(policy or policies).mp,kw.
65	program?.mp,kw.
66	(safety adj2 (measure? or manag*)).mp,kw.
67	(security adj2 (measure? or manag*)).mp,kw.
68	(organization* adj2 (structur* or process*)).mp,kw.
69	or/29-68
70	exp "Attitude of Health Personnel"/
71	exp Health Personnel/
72	exp Personnel, Hospital/

73	exp Health Occupations/
74	exp Patient Care Team/
75	Social Work/
76	Social Workers/
77	Nurse's Role/
78	Licensed Practical Nurses/
79	exp Nurses/
80	exp Nursing Staff/
81	Nursing Staff, Hospital/
82	exp Nursing/
83	Nursing, Practical/
84	Health Educators/
85	exp Administrative Personnel/
86	(health* adj2 provider?).mp,kw.
87	(hospital* adj2 provider?).mp,kw.
88	(health* adj2 staff?).mp,kw.
89	(hospital* adj2 staff?).mp,kw.
90	(health* adj2 personnel?).mp,kw.
91	(hospital* adj2 personnel?).mp,kw.
92	(health* adj2 employe*).mp,kw.
93	(hospital* adj2 employe*).mp,kw.
94	(health* adj2 profession*).mp,kw.
95	(hospital* adj2 profession*).mp,kw.
96	(health* adj2 occupation?).mp,kw.
97	(hospital* adj2 occupation?).mp,kw.
98	(health* adj2 practitioner?).mp,kw.
99	(hospital* adj2 practitioner?).mp,kw.
100	(health* adj2 worker?).mp,kw.
101	(hospital* adj2 worker?).mp,kw.
102	nurs*.mp,kw,jw.
103	(patient care? adj2 team?).mp,kw.
104	(health* adj2 educator?).mp,kw.
105	(social adj2 worker?).mp,kw.
106	(support* adj2 (worker? or staff?)).mp,kw.
107	or/70-106

108	28 and 69 and 107
109	limit 108 to yr="2012 – February 2019"
110	limit 109 to english language

Interface - EBSCOhost
Research Databases Search Screen - Advanced Search
Database - CINAHL with Full Text

	Query	Limiters/Expanders
S1	(MH "Violence")	Search modes - Boolean/Phrase
S2	(MH "Workplace Violence")	Search modes - Boolean/Phrase
S3	(MH "Aggression")	Search modes - Boolean/Phrase
S4	(MH "Bullying+")	Search modes - Boolean/Phrase
S5	(MH "Discrimination+")	Search modes - Boolean/Phrase
S6	(MH "Sexual Harassment")	Search modes - Boolean/Phrase
S7	(MH "Patient Assault")	Search modes - Boolean/Phrase
S8	(work* n25 violen*)	Search modes - Boolean/Phrase
S9	work* n25 aggression#	Search modes - Boolean/Phrase
S10	work* n25 bully*	Search modes - Boolean/Phrase
S11	work* n25 harass*	Search modes - Boolean/Phrase
S12	work* n25 assault*	Search modes - Boolean/Phrase
S13	work* n25 abuse#	Search modes - Boolean/Phrase
S14	work* n25 attack*	Search modes - Boolean/Phrase
S15	work* n25 discriminat*	Search modes - Boolean/Phrase
S16	work* n25 intimidat*	Search modes - Boolean/Phrase
S17	work* n25 threat*	Search modes - Boolean/Phrase
S18	(disrupt* adj2 behavio#r*)	Search modes - Boolean/Phrase
S19	disrupt* n2 behavio#r	Search modes - Boolean/Phrase
S20	disrupt* n2 conduct*)	Search modes - Boolean/Phrase
S21	(inappropriate* n2 behavio#r*)	Search modes - Boolean/Phrase
S22	(inappropriate* n2 conduct*)	Search modes - Boolean/Phrase
S23	(disorderly n2 behavio#r*)	Search modes - Boolean/Phrase
S24	(disorderly n2 conduct*)	Search modes - Boolean/Phrase
S25	mobbing	Search modes - Boolean/Phrase
S26	physical* n2 force#	Search modes - Boolean/Phrase
S27	offensive*	Search modes - Boolean/Phrase
S28	obscene*	Search modes - Boolean/Phrase
S29	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 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28	Search modes - Boolean/Phrase
S30	(MH "Health Care Delivery")	Search modes - Boolean/Phrase

S31	(MH "Health Care Delivery, Integrated")	Search modes - Boolean/Phrase
S32	(MH "Health Facility Planning+")	Search modes - Boolean/Phrase
S33	(MH "Mandatory Reporting")	Search modes - Boolean/Phrase
S34	(MH "Hospital Policies+")	Search modes - Boolean/Phrase
S35	(MH "Public Policy+")	Search modes - Boolean/Phrase
S36	(MH "Organizational Policies")	Search modes - Boolean/Phrase
S37	(MH "Policy Making")	Search modes - Boolean/Phrase
S38	(MH "Policy and Procedure Manuals")	Search modes - Boolean/Phrase
S39	(MH "Organizational Culture+")	Search modes - Boolean/Phrase
S40	(MH "Organizational Development+")	Search modes - Boolean/Phrase
S41	(MH "Decision Making, Organizational")	Search modes - Boolean/Phrase
S42	(MH "Decision Making")	Search modes - Boolean/Phrase
S43	(MH "Quality Management, Organizational")	Search modes - Boolean/Phrase
S44	(MH "Quality of Health Care")	Search modes - Boolean/Phrase
S45	(MH "Quality Improvement")	Search modes - Boolean/Phrase
S46	(MH "Patient Safety")	Search modes - Boolean/Phrase
S47	(MH "Occupational Health+")	Search modes - Boolean/Phrase
S48	(MH "Program Development+")	Search modes - Boolean/Phrase
S49	(MH "Occupational Safety")	Search modes - Boolean/Phrase
S50	(MH "Security Measures") OR (MH "Security Measures, Electronic")	Search modes - Boolean/Phrase
S51	((healthcare# or health care#) n2 deliver*)	Search modes - Boolean/Phrase
S52	planning#	Search modes - Boolean/Phrase
S53	innovat*	Search modes - Boolean/Phrase
S54	(culture# or cultural)	Search modes - Boolean/Phrase
S55	(decision# n2 (making or maker#))	Search modes - Boolean/Phrase
S56	((healthcare# or health care#) n2 qualit*)	Search modes - Boolean/Phrase
S57	(qualit* n2 improv*)	Search modes - Boolean/Phrase
S58	(patient# n2 safet*)	Search modes - Boolean/Phrase
S59	(occupational n2 (health or safet*))	Search modes - Boolean/Phrase
S60	(standard* n2 care)	Search modes - Boolean/Phrase
S61	policy or policies	Search modes - Boolean/Phrase
S62	program#	Search modes - Boolean/Phrase
S63	(safety n2 (measure# or manag*))	Search modes - Boolean/Phrase
S64	(security n2 (measure# or	Search modes - Boolean/Phrase

	manag*))	
S65	(organization* n2 (structur* or process*))	Search modes - Boolean/Phrase
S66	S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53 OR S54 OR S55 OR S56 OR S57 OR S58 OR S59 OR S60 OR S61 OR S62 OR S63 OR S64 OR S65	Search modes - Boolean/Phrase
S67	(MH "Attitude of Health Personnel+")	Search modes - Boolean/Phrase
S68	(MH "Health Personnel+")	Search modes - Boolean/Phrase
S69	(MH "Personnel, Health Facility+")	Search modes - Boolean/Phrase
S70	(MH "Health Occupations+")	Search modes - Boolean/Phrase
S71	(MH "Multidisciplinary Care Team+")	Search modes - Boolean/Phrase
S72	(MH "Social Work+")	Search modes - Boolean/Phrase
S73	(MH "Social Workers")	Search modes - Boolean/Phrase
S74	(MH "Nursing Role")	Search modes - Boolean/Phrase
S75	(MH "Nurses+")	Search modes - Boolean/Phrase
S76	(MH "Nursing Staff, Hospital")	Search modes - Boolean/Phrase
S77	(MH "Health Educators")	Search modes - Boolean/Phrase
S78	(MH "Administrative Personnel") OR (MH "Health Facility Administrators") OR (MH "Nurse Administrators") OR (MH "Physician Executives")	Search modes - Boolean/Phrase
S79	health* n2 provider#	Search modes - Boolean/Phrase
S80	hospital* n2 provider#	Search modes - Boolean/Phrase
S81	hospital* n2 staff#	Search modes - Boolean/Phrase
S82	health* n2 personnel#	Search modes - Boolean/Phrase
S83	hospital* n2 personnel#	Search modes - Boolean/Phrase
S84	hospital* n2 employe*	Search modes - Boolean/Phrase
S85	health* n2 profession*	Search modes - Boolean/Phrase
S86	hospital* n2 profession*	Search modes - Boolean/Phrase
S87	health* n2 occupation#	Search modes - Boolean/Phrase
S88	hospital* n2 occupation#	Search modes - Boolean/Phrase
S89	health* n2 practitioner#	Search modes - Boolean/Phrase
S90	hospital* n2 practitioner#	Search modes - Boolean/Phrase
S91	nurs* OR SO nurs*	Search modes - Boolean/Phrase
S92	patient care# n2 team#	Search modes - Boolean/Phrase
S93	health* n2 educator#	Search modes - Boolean/Phrase
S94	(support* n2 (worker# or staff#))	Search modes - Boolean/Phrase

S95	S67 OR S68 OR S69 OR S70 OR S71 OR S72 OR S73 OR S74 OR S75 OR S76 OR S77 OR S78 OR S79 OR S80 OR S81 OR S82 OR S83 OR S84 OR S85 OR S86 OR S87 OR S88 OR S89 OR S90 OR S91 OR S92 OR S93 OR S94	Search modes - Boolean/Phrase
S96	S29 AND S66 AND S95	Search modes - Boolean/Phrase
S97	S96	Limiters - Published Date: 20120101-2019023128Search modes - Boolean/Phrase

Question 3: Should education and training programs on preventing and managing workplace violence, harassment and/or bullying be recommended for health workers to improve person and health worker outcomes?

Databases:
- Ovid MEDLINE
- Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed
- Embase
- PsycINFO
- EBM Reviews - Cochrane Central Register of Controlled Trials
- EBM Reviews - Cochrane Database of Systematic Review
- CINAHL with Full Text

Database: Ovid MEDLINE(R)
Search Strategy

#	Searches
1	Violence/
2	Workplace Violence/
3	exp Aggression/
4	Bullying/
5	exp "Discrimination (Psychology)"/
6	exp Harassment, Non-Sexual/
7	Sexual Harassment/
8	(work* adj25 violen*).mp,kw.
9	(work* adj25 aggression?).mp,kw.
10	(work* adj25 bully*).mp,kw.
11	(work* adj25 harass*).mp,kw.
12	(work* adj25 assault*).mp,kw.
13	(work* adj25 abuse?).mp,kw.

14	(work* adj25 attack*).mp,kw.
15	(work* adj25 discriminat*).mp,kw.
16	(work* adj25 intimidat*).mp,kw.
17	(work* adj25 threat*).mp,kw.
18	((inappropriate* or disorder*) adj2 conduct*).mp,kw.
19	mobbing.mp,kw.
20	(physical* adj2 force?).mp,kw.
21	offensive*.mp,kw.
22	obscene*.mp,kw.
23	or/1-22
24	Education/
25	exp Education, Professional/
26	exp Education, Continuing/
27	Education, Distance/
28	Models, Educational/
29	Educational Measurement/
30	Clinical Clerkship/
31	exp Inservice Training/
32	Staff Development/
33	Preceptorship/
34	exp Teaching/
35	exp Teaching Materials/
36	exp Curriculum/
37	exp Accreditation/
38	exp Simulation Training/
39	Mentors/
40	Learning/
41	Health Knowledge, Attitudes, Practice/
42	educat*.mp,kw.
43	((staff? or profession*) adj2 develop*).mp,kw.
44	train*.mp,kw.
45	preceptorship*.mp,kw.
46	preceptor-ship*.mp,kw.
47	teaching*.mp,kw.
48	curricul*.mp,kw.

49	(workshop? or work shop?).mp,kw.
50	seminar?.mp,kw.
51	orientation?.mp,kw.
52	conferenc*.mp,kw.
53	colloquium*.mp,kw.
54	learn*.mp,kw.
55	elearn*.mp,kw.
56	instruction*.mp,kw.
57	mentor*.mp,kw.
58	coaching?.mp,kw.
59	knowledge*.mp,kw.
60	abilit*.mp,kw.
61	skill?.mp,kw.
62	simulation?.mp,kw.
63	accredit*.mp,kw.
64	or/24-63
65	exp "Attitude of Health Personnel"/
66	exp Health Personnel/
67	exp Personnel, Hospital/
68	exp Health Occupations/
69	exp Patient Care Team/
70	Social Work/
71	Social Workers/
72	Nurse's Role/
73	Licensed Practical Nurses/
74	exp Nurses/
75	exp Nursing Staff/
76	Nursing Staff, Hospital/
77	exp Nursing/
78	Nursing, Practical/
79	Health Educators/
80	exp Administrative Personnel/
81	(health* adj2 provider?).mp,kw.
82	(hospital* adj2 provider?).mp,kw.
83	(health* adj2 staff?).mp,kw.

#	Searches
84	(hospital* adj2 staff?).mp,kw.
85	(health* adj2 personnel?).mp,kw.
86	(hospital* adj2 personnel?).mp,kw.
87	(health* adj2 employe*).mp,kw.
88	(hospital* adj2 employe*).mp,kw.
89	(health* adj2 profession*).mp,kw.
90	(hospital* adj2 profession*).mp,kw.
91	(health* adj2 occupation?).mp,kw.
92	(hospital* adj2 occupation?).mp,kw.
93	(health* adj2 practitioner?).mp,kw.
94	(hospital* adj2 practitioner?).mp,kw.
95	(health* adj2 worker?).mp,kw.
96	(hospital* adj2 worker?).mp,kw.
97	nurs*.mp,kw.
98	(patient care? adj2 team?).mp,kw.
99	(health* adj2 educator?).mp,kw.
100	(social adj2 worker?).mp,kw.
101	(support* adj2 (worker? or staff?)).mp,kw.
102	or/65-101
103	23 and 64 and 102
104	limit 103 to (clinical conference or consensus development conference or consensus development conference, nih or editorial or lectures or letter or news or newspaper article or personal narratives)
105	103 not 104
106	limit 105 to yr="2012 – February 2019"
107	limit 106 to english language

Database(s): Ovid MEDLINE(R) Epub Ahead of Print and In-Process & Other Non-Indexed Citations
Search Strategy:

#	Searches
1	(work* adj25 violen*).mp,kw.
2	(work* adj25 aggression?).mp,kw.
3	(work* adj25 bully*).mp,kw.
4	(work* adj25 harass*).mp,kw.
5	(work* adj25 assault*).mp,kw.

6	(work* adj25 abuse?).mp,kw.
7	(work* adj25 attack*).mp,kw.
8	(work* adj25 discriminat*).mp,kw.
9	(work* adj25 intimidat*).mp,kw.
10	(work* adj25 threat*).mp,kw.
11	((inappropriate* or disorder*) adj2 conduct*).mp,kw.
12	mobbing.mp,kw.
13	(physical* adj2 force?).mp,kw.
14	offensive*.mp,kw.
15	obscene*.mp,kw.
16	or/1-15
17	educat*.mp,kw.
18	((staff? or profession*) adj2 develop*).mp,kw.
19	train*.mp,kw.
20	preceptorship*.mp,kw.
21	preceptor-ship*.mp,kw.
22	teaching*.mp,kw.
23	curricul*.mp,kw.
24	(workshop? or work shop?).mp,kw.
25	seminar?.mp,kw.
26	orientation?.mp,kw.
27	conferenc*.mp,kw.
28	colloquium*.mp,kw.
29	learn*.mp,kw.
30	elearn*.mp,kw.
31	instruction*.mp,kw.
32	mentor*.mp,kw.
33	coaching?.mp,kw.
34	knowledge*.mp,kw.
35	abilit*.mp,kw.
36	skill?.mp,kw.
37	simulation?.mp,kw.
38	accredit*.mp,kw.
39	or/17-38
40	(health* adj2 provider?).mp,kw.

#	Searches
41	(hospital* adj2 provider?).mp,kw.
42	(health* adj2 staff?).mp,kw.
43	(hospital* adj2 staff?).mp,kw.
44	(health* adj2 personnel?).mp,kw.
45	(hospital* adj2 personnel?).mp,kw.
46	(health* adj2 employe*).mp,kw.
47	(hospital* adj2 employe*).mp,kw.
48	(health* adj2 profession*).mp,kw.
49	(hospital* adj2 profession*).mp,kw.
50	(health* adj2 occupation?).mp,kw.
51	(hospital* adj2 occupation?).mp,kw.
52	(health* adj2 practitioner?).mp,kw.
53	(hospital* adj2 practitioner?).mp,kw.
54	(health* adj2 worker?).mp,kw.
55	(hospital* adj2 worker?).mp,kw.
56	nurs*.mp,kw.
57	(patient care? adj2 team?).mp,kw.
58	(health* adj2 educator?).mp,kw.
59	(social adj2 worker?).mp,kw.
60	(support* adj2 (worker? or staff?)).mp,kw.
61	or/40-60
62	16 and 39 and 61
63	limit 62 to yr="2012 – February 2019"
64	limit 63 to english language

Database(s): Embase
Search Strategy

#	Searches
1	violence/
2	workplace violence/
3	exp aggression/
4	bullying/
5	exp social discrimination/
6	exp harassment/
7	(work* adj25 violen*).mp.

8	(work* adj25 aggression?).mp.
9	(work* adj25 bully*).mp.
10	(work* adj25 harass*).mp.
11	(work* adj25 assault*).mp.
12	(work* adj25 abuse?).mp.
13	(work* adj25 attack*).mp.
14	(work* adj25 discriminat*).mp.
15	(work* adj25 intimidat*).mp.
16	(work* adj25 threat*).mp.
17	((inappropriate* or disorder*) adj2 conduct*).mp.
18	mobbing.mp.
19	(physical* adj2 force?).mp.
20	offensive*.mp.
21	obscene*.mp.
22	or/1-21
23	education/
24	vocational education/
25	continuing education/
26	educational model/
27	education program/
28	clinical education/
29	in service training/
30	teaching/
31	curriculum/
32	exp accreditation/
33	exp simulation training/
34	mentor/
35	teacher/
36	learning/
37	self-directed learning/
38	problem based learning/
39	educat*.mp.
40	((staff? or profession*) adj2 develop*).mp.
41	train*.mp.
42	preceptorship*.mp.

43	preceptor-ship*.mp.
44	teaching*.mp.
45	curricul*.mp.
46	(workshop? or work shop?).mp.
47	seminar?.mp.
48	orientation?.mp.
49	conferenc*.mp.
50	colloquium*.mp.
51	learn*.mp.
52	elearn*.mp.
53	instruction*.mp.
54	mentor*.mp.
55	coaching?.mp.
56	knowledge*.mp.
57	abilit*.mp.
58	skill?.mp.
59	simulation?.mp.
60	accredit*.mp.
61	or/23-60
62	exp paramedical education/
63	exp health personnel attitude/
64	exp health care personnel/
65	exp hospital personnel/
66	medical profession/
67	paramedical profession/
68	social work/
69	psychologist/
70	social worker/
71	licensed practical nurse/
72	exp nurse/
73	nursing staff/
74	exp nursing/
75	practical nursing/
76	exp health educator/
77	exp administrative personnel/

#	Searches
78	(health* adj2 provider?).mp.
79	(hospital* adj2 provider?).mp.
80	(health* adj2 staff?).mp.
81	(hospital* adj2 staff?).mp.
82	(health* adj2 personnel?).mp.
83	(hospital* adj2 personnel?).mp.
84	(health* adj2 employe*).mp.
85	(hospital* adj2 employe*).mp.
86	(health* adj2 profession*).mp.
87	(hospital* adj2 profession*).mp.
88	(health* adj2 occupation?).mp.
89	(hospital* adj2 occupation?).mp.
90	(health* adj2 practitioner?).mp.
91	(hospital* adj2 practitioner?).mp.
92	(health* adj2 worker?).mp.
93	(hospital* adj2 worker?).mp.
94	nurs*.mp.
95	(patient care? adj2 team?).mp.
96	(health* adj2 educator?).mp.
97	(social adj2 worker?).mp.
98	(support* adj2 (worker? or staff?)).mp.
99	or/63-98
100	22 and 61 and 99
101	22 and 62
102	100 or 101
103	limit 102 to (books or "book review" or chapter or conference abstract or conference paper or "conference review" or editorial or letter or note)
104	102 not 103
105	limit 104 to yr="2012 –February 2019"
106	limit 105 to english language

Database(s): PsycINFO
Search Strategy:

#	Searches
1	violence/

2	workplace violence/
3	aggressive behavior/
4	microaggression/
5	relational aggression/
6	exp bullying/
7	exp social discrimination/
8	exp harassment/
9	(work* adj25 violen*).mp.
10	(work* adj25 aggression?).mp.
11	(work* adj25 bully*).mp.
12	(work* adj25 harass*).mp.
13	(work* adj25 assault*).mp.
14	(work* adj25 abuse?).mp.
15	(work* adj25 attack*).mp.
16	(work* adj25 discriminat*).mp.
17	(work* adj25 intimidat*).mp.
18	(work* adj25 threat*).mp.
19	((inappropriate* or disorder*) adj2 conduct*).mp.
20	mobbing.mp.
21	(physical* adj2 force?).mp.
22	offensive*.mp.
23	obscene*.mp.
24	or/1-23
25	education/
26	professional development/
27	continuing education/
28	inservice training/ or mental health inservice training/
29	distance education/
30	educational measurement/
31	training/
32	educational programs/
33	exp teaching/
34	curriculum/
35	educational objectives/
36	exp personnel training/

37	mentor/
38	adult learning/
39	educat*.mp.
40	((staff? or profession*) adj2 develop*).mp.
41	train*.mp.
42	preceptorship*.mp.
43	preceptor-ship*.mp.
44	teaching*.mp.
45	curricul*.mp.
46	(workshop? or work shop?).mp.
47	seminar?.mp.
48	orientation?.mp.
49	conferenc*.mp.
50	colloquium*.mp.
51	learn*.mp.
52	elearn*.mp.
53	instruction*.mp.
54	mentor*.mp.
55	coaching?.mp.
56	knowledge*.mp.
57	abilit*.mp.
58	skill?.mp.
59	simulation?.mp.
60	accredit*.mp.
61	or/25-60
62	nursing education/
63	social work education/
64	counselor education/
65	or/62-64
66	exp health personnel attitudes/
67	counselor attitudes/
68	Psychologist Attitudes/
69	exp medical personnel/
70	exp health personnel/
71	exp psychologists/

72	nurses/ or psychiatric nurses/
73	nursing/
74	exp management personnel/
75	(health* adj2 provider?).mp.
76	(hospital* adj2 provider?).mp.
77	(health* adj2 staff?).mp.
78	(hospital* adj2 staff?).mp.
79	(health* adj2 personnel?).mp.
80	(hospital* adj2 personnel?).mp.
81	(health* adj2 employe*).mp.
82	(hospital* adj2 employe*).mp.
83	(health* adj2 profession*).mp.
84	(hospital* adj2 profession*).mp.
85	(health* adj2 occupation?).mp.
86	(hospital* adj2 occupation?).mp.
87	(health* adj2 practitioner?).mp.
88	(hospital* adj2 practitioner?).mp.
89	(health* adj2 worker?).mp.
90	(hospital* adj2 worker?).mp.
91	nurs*.mp.
92	(patient care? adj2 team?).mp.
93	(health* adj2 educator?).mp.
94	(social adj2 worker?).mp.
95	(support* adj2 (worker? or staff?)).mp.
96	or/66-95
97	24 and 61 and 96
98	24 and 65
99	97 or 98
100	limit 99 to (chapter or "column/opinion" or editorial or letter)
101	99 not 100
102	limit 101 to yr="2012 – February 2019t"
103	limit 102 to english language

Database: EBM Reviews - Cochrane Central Register of Controlled Trials
Search Strategy:

	Searches
1	Violence/
2	Workplace Violence/
3	exp Aggression/
4	Bullying/
5	exp "Discrimination (Psychology)"/
6	exp Harassment, Non-Sexual/
7	Sexual Harassment/
8	(work* adj25 violen*).mp,kw.
9	(work* adj25 aggression?).mp,kw.
10	(work* adj25 bully*).mp,kw.
11	(work* adj25 harass*).mp,kw.
12	(work* adj25 assault*).mp,kw.
13	(work* adj25 abuse?).mp,kw.
14	(work* adj25 attack*).mp,kw.
15	(work* adj25 discriminat*).mp,kw.
16	(work* adj25 intimidat*).mp,kw.
17	(work* adj25 threat*).mp,kw.
18	((inappropriate* or disorder*) adj2 conduct*).mp,kw.
19	mobbing.mp,kw.
20	(physical* adj2 force?).mp,kw.
21	offensive*.mp,kw.
22	obscene*.mp,kw.
23	or/1-22

24	Education/
25	exp Education, Professional/
26	exp Education, Continuing/
27	Education, Distance/
28	Models, Educational/
29	Educational Measurement/
30	Clinical Clerkship/
31	exp Inservice Training/
32	Staff Development/
33	Preceptorship/
34	exp Teaching/
35	exp Teaching Materials/
36	exp Curriculum/
37	exp Accreditation/
38	exp Simulation Training/
39	Mentors/
40	Learning/
41	Health Knowledge, Attitudes, Practice/
42	educat*.mp,kw.
43	((staff? or profession*) adj2 develop*).mp,kw.
44	train*.mp,kw.
45	preceptorship*.mp,kw.
46	preceptor-ship*.mp,kw.
47	teaching*.mp,kw.

48	curricul*.mp,kw.
49	(workshop? or work shop?).mp,kw.
50	seminar?.mp,kw.
51	orientation?.mp,kw.
52	conferenc*.mp,kw.
53	colloquium*.mp,kw.
54	learn*.mp,kw.
55	elearn*.mp,kw.
56	instruction*.mp,kw.
57	mentor*.mp,kw.
58	coaching?.mp,kw.
59	knowledge*.mp,kw.
60	abilit*.mp,kw.
61	skill?.mp,kw.
62	simulation?.mp,kw.
63	accredit*.mp,kw.
64	or/24-63
65	exp "Attitude of Health Personnel"/
66	exp Health Personnel/
67	exp Personnel, Hospital/
68	exp Health Occupations/
69	exp Patient Care Team/
70	Social Work/
71	Social Workers/

72	Nurse's Role/
73	Licensed Practical Nurses/
74	exp Nurses/
75	exp Nursing Staff/
76	Nursing Staff, Hospital/
77	exp Nursing/
78	Nursing, Practical/
79	Health Educators/
80	exp Administrative Personnel/
81	(health* adj2 provider?).mp,kw.
82	(hospital* adj2 provider?).mp,kw.
83	(health* adj2 staff?).mp,kw.
84	(hospital* adj2 staff?).mp,kw.
85	(health* adj2 personnel?).mp,kw.
86	(hospital* adj2 personnel?).mp,kw.
87	(health* adj2 employe*).mp,kw.
88	(hospital* adj2 employe*).mp,kw.
89	(health* adj2 profession*).mp,kw.
90	(hospital* adj2 profession*).mp,kw.
91	(health* adj2 occupation?).mp,kw.
92	(hospital* adj2 occupation?).mp,kw.
93	(health* adj2 practitioner?).mp,kw.
94	(hospital* adj2 practitioner?).mp,kw.
95	(health* adj2 worker?).mp,kw.

96	(hospital* adj2 worker?).mp,kw.
97	nurs*.mp,kw.
98	(patient care? adj2 team?).mp,kw.
99	(health* adj2 educator?).mp,kw.
100	(social adj2 worker?).mp,kw.
101	(support* adj2 (worker? or staff?)).mp,kw.
102	or/65-101
103	23 and 64 and 102
104	limit 103 to yr="2012 – February 2019"
105	limit 104 to english language

Database(s) EBM Reviews - Cochrane Database of Systematic Reviews

Search Strategy:

#	Searches
1	(work* adj25 violen*).mp.
2	(work* adj25 aggression?).mp.
3	(work* adj25 bully*).mp.
4	(work* adj25 harass*).mp.
5	(work* adj25 assault*).mp.
6	(work* adj25 abuse?).mp.
7	(work* adj25 attack*).mp.
8	(work* adj25 discriminat*).mp.
9	(work* adj25 intimidat*).mp.
10	(work* adj25 threat*).mp.
11	((inappropriate* or disorder*) adj2 conduct*).mp.
12	mobbing.mp.
13	(physical* adj2 force?).mp.
14	offensive*.mp.
15	obscene*.mp.
16	or/1-15
17	educat*.mp.

18	((staff? or profession*) adj2 develop*).mp.
19	train*.mp.
20	preceptorship*.mp.
21	preceptor-ship*.mp.
22	teaching*.mp.
23	curricul*.mp.
24	(workshop? or work shop?).mp.
25	seminar?.mp.
26	orientation?.mp.
27	conferenc*.mp.
28	colloquium*.mp.
29	learn*.mp.
30	elearn*.mp.
31	instruction*.mp.
32	mentor*.mp.
33	coaching?.mp.
34	knowledge*.mp.
35	abilit*.mp.
36	skill?.mp.
37	simulation?.mp.
38	accredit*.mp.
39	or/17-38
40	(health* adj2 provider?).mp.
41	(hospital* adj2 provider?).mp.
42	(health* adj2 staff?).mp.
43	(hospital* adj2 staff?).mp.
44	(health* adj2 personnel?).mp.
45	(hospital* adj2 personnel?).mp.
46	(health* adj2 employe*).mp.
47	(hospital* adj2 employe*).mp.
48	(health* adj2 profession*).mp.
49	(hospital* adj2 profession*).mp.
50	(health* adj2 occupation?).mp.
51	(hospital* adj2 occupation?).mp.
52	(health* adj2 practitioner?).mp.

53	(hospital* adj2 practitioner?).mp.
54	(health* adj2 worker?).mp.
55	(hospital* adj2 worker?).mp.
56	nurs*.mp.
57	(patient care? adj2 team?).mp.
58	(health* adj2 educator?).mp.
59	(social adj2 worker?).mp.
60	(support* adj2 (worker? or staff?)).mp.
61	or/40-60
62	16 and 39 and 61
63	limit 62 to last 5 years
64	limit 63 to full systematic reviews

Interface - EBSCOhost
Research Databases Search Screen - Advanced Search
Database - CINAHL with Full Text

#	Query	Limiters/Expanders
S1	(MH "Violence")	Search modes - Boolean/Phrase
S2	(MH "Workplace Violence")	Search modes - Boolean/Phrase
S3	(MH "Aggression")	Search modes - Boolean/Phrase
S4	(MH "Bullying+")	Search modes - Boolean/Phrase
S5	(MH "Discrimination+")	Search modes - Boolean/Phrase
S6	(MH "Sexual Harassment")	Search modes - Boolean/Phrase
S7	(MH "Patient Assault")	Search modes - Boolean/Phrase
S8	(work* n25 violen*)	Search modes - Boolean/Phrase
S9	work* n25 aggression#	Search modes - Boolean/Phrase
S10	work* n25 bully*	Search modes - Boolean/Phrase
S11	work* n25 harass*	Search modes - Boolean/Phrase
S12	work* n25 assault*	Search modes - Boolean/Phrase
S13	work* n25 abuse#	Search modes - Boolean/Phrase
S14	work* n25 attack*	Search modes - Boolean/Phrase
S15	work* n25 discriminat*	Search modes - Boolean/Phrase
S16	work* n25 intimidat*	Search modes - Boolean/Phrase
S17	work* n25 threat*	Search modes - Boolean/Phrase
S18	((inappropriate* or disorder*) n2 conduct*)	Search modes - Boolean/Phrase
S19	mobbing	Search modes - Boolean/Phrase
S20	physical* n2 force#	Search modes - Boolean/Phrase
S21	offensive*	Search modes - Boolean/Phrase
S22	obscene*	Search modes - Boolean/Phrase
S23	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR	Search modes - Boolean/Phrase

	S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22	
S24	(MH "Education")	Search modes - Boolean/Phrase
S25	(MH "Curriculum+")	Search modes - Boolean/Phrase
S26	(MH "Education, Clinical+")	Search modes - Boolean/Phrase
S27	(MH "Education, Competency-Based")	Search modes - Boolean/Phrase
S28	(MH "Educational Measurement+")	Search modes - Boolean/Phrase
S29	(MH "Educational Technology")	Search modes - Boolean/Phrase
S30	(MH "Professional Knowledge+")	Search modes - Boolean/Phrase
S31	(MH "Learning Environment, Clinical")	Search modes - Boolean/Phrase
S32	(MH "Learning Methods+")	Search modes - Boolean/Phrase
S33	(MH "Outcomes of Education")	Search modes - Boolean/Phrase
S34	(MH "Preceptorship")	Search modes - Boolean/Phrase
S35	(MH "Program Development+")	Search modes - Boolean/Phrase
S36	(MH "Staff Development") OR (MH "Employee Orientation")	Search modes - Boolean/Phrase
S37	(MH "Teachers")	Search modes - Boolean/Phrase
S38	(MH "Teaching+")	Search modes - Boolean/Phrase
S39	(MH "Mentorship")	Search modes - Boolean/Phrase
S40	(MH "Education, Continuing+")	Search modes - Boolean/Phrase
S41	(MH "Education, Continuing (Credit)")	Search modes - Boolean/Phrase
S42	(MH "Education, Interdisciplinary")	Search modes - Boolean/Phrase
S43	educat*	Search modes - Boolean/Phrase
S44	((staff# or profession*) n2 develop*)	Search modes - Boolean/Phrase
S45	train*	Search modes - Boolean/Phrase
S46	preceptorship*	Search modes - Boolean/Phrase
S47	preceptorship*	Search modes - Boolean/Phrase
S48	preceptor-ship*	Search modes - Boolean/Phrase
S49	teaching*	Search modes - Boolean/Phrase
S50	curricul*	Search modes - Boolean/Phrase
S51	workshop# or work shop#	Search modes - Boolean/Phrase
S52	seminar#	Search modes - Boolean/Phrase
S53	orientation#	Search modes - Boolean/Phrase
S54	conferenc*	Search modes - Boolean/Phrase
S55	colloquium*	Search modes - Boolean/Phrase
S56	learn*	Search modes - Boolean/Phrase
S57	elearn*	Search modes - Boolean/Phrase
S58	instruction*	Search modes - Boolean/Phrase
S59	mentor*	Search modes - Boolean/Phrase
S60	coaching#	Search modes - Boolean/Phrase
S61	knowledge*	Search modes - Boolean/Phrase
S62	abilit*	Search modes - Boolean/Phrase
S63	skill#	Search modes - Boolean/Phrase
S64	simulation#	Search modes - Boolean/Phrase
S65	accredit*	Search modes - Boolean/Phrase
S66	S24 OR S25 OR S26 OR S27 OR S28 OR S29	Search modes - Boolean/Phrase

	OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53 OR S54 OR S55 OR S56 OR S57 OR S58 OR S59 OR S60 OR S61 OR S62 OR S63 OR S64 OR S65	
S67	((MH "Education, Health Sciences")) OR ((MH "Education, Allied Health+")) OR ((MH "Education, Chiropractic")) OR ((MH "Education, Medical, Continuing")) OR ((MH "Education, Nursing, Continuing")) OR ((MH "Education, Pharmacy")) OR ((MH "Education, Podiatry"))	Search modes - Boolean/Phrase
S68	(MH "Attitude of Health Personnel+")	Search modes - Boolean/Phrase
S69	(MH "Health Personnel+")	Search modes - Boolean/Phrase
S70	(MH "Personnel, Health Facility+")	Search modes - Boolean/Phrase
S71	(MH "Health Occupations+")	Search modes - Boolean/Phrase
S72	(MH "Multidisciplinary Care Team+")	Search modes - Boolean/Phrase
S73	(MH "Social Work+")	Search modes - Boolean/Phrase
S74	(MH "Social Workers")	Search modes - Boolean/Phrase
S75	(MH "Nursing Role")	Search modes - Boolean/Phrase
S76	(MH "Practical Nurses")	Search modes - Boolean/Phrase
S77	(MH "Nurses+")	Search modes - Boolean/Phrase
S78	(MH "Nursing Staff, Hospital")	Search modes - Boolean/Phrase
S79	(MH "Practical Nursing")	Search modes - Boolean/Phrase
S80	(MH "Health Educators")	Search modes - Boolean/Phrase
S81	(MH "Administrative Personnel") OR (MH "Health Facility Administrators") OR (MH "Nurse Administrators") OR (MH "Physician Executives")	Search modes - Boolean/Phrase
S82	health* n2 provider#	Search modes - Boolean/Phrase
S83	hospital* n2 provider#	Search modes - Boolean/Phrase
S84	health* n2 staff#	Search modes - Boolean/Phrase
S85	hospital* n2 staff#	Search modes - Boolean/Phrase
S86	health* n2 personnel#	Search modes - Boolean/Phrase
S87	hospital* n2 personnel#	Search modes - Boolean/Phrase
S88	health* n2 employe*	Search modes - Boolean/Phrase
S89	hospital* n2 employe*	Search modes - Boolean/Phrase
S90	health* n2 profession*	Search modes - Boolean/Phrase
S91	hospital* n2 profession*	Search modes - Boolean/Phrase
S92	health* n2 occupation#	Search modes - Boolean/Phrase
S93	hospital* n2 occupation#	Search modes - Boolean/Phrase
S94	health* n2 practitioner#	Search modes - Boolean/Phrase
S95	hospital* n2 practitioner#	Search modes - Boolean/Phrase
S96	health* n2 worker#	Search modes - Boolean/Phrase
S97	hospital* n2 worker#	Search modes - Boolean/Phrase

S98	nurs*	Search modes - Boolean/Phrase
S99	patient care# n2 team#	Search modes - Boolean/Phrase
S100	health* n2 educator#	Search modes - Boolean/Phrase
S101	social n2 worker#	Search modes - Boolean/Phrase
S102	(support* n2 (worker# or staff#))	Search modes - Boolean/Phrase
S103	S68 OR S69 OR S70 OR S71 OR S72 OR S73 OR S74 OR S75 OR S76 OR S77 OR S78 OR S79 OR S80 OR S81 OR S82 OR S83 OR S84 OR S85 OR S86 OR S87 OR S88 OR S89 OR S90 OR S91 OR S92 OR S93 OR S94 OR S95 OR S96 OR S97 OR S98 OR S99 OR S100 OR S101 OR S102	Search modes - Boolean/Phrase
S104	S23 AND S66 AND S103	Search modes - Boolean/Phrase
S105	S23 AND S67	Search modes - Boolean/Phrase
S106	S104 OR S105	Search modes - Boolean/Phrase
S107	S106	Limiters - Published Date: 20120101-20190228; English Language Search modes - Boolean/Phrase