

## Registered Nurses' Association of Ontario

### *People-Centred Care* Third edition

September 2025

#### Systematic Review Search Strategy

Two systematic reviews of recent literature were conducted to inform the recommendations included in this Best Practice Guideline (BPG). The search strategies were developed by RNAO's guideline development and research team and a health science librarian. An additional search strategy was developed to inform the scoping review included in the BPG. An original search was conducted in February 2024 for Recommendation question 1 to capture literature from March 2022 to February 2024. An original search was conducted in July 2023 for Recommendation question 2 to capture literature from January 2018 to July 2023. An update search was conducted in March 2025 to capture literature from July 2023 to March 2025 for Recommendation question 2 only.

In addition, expert panel members were asked to review personal libraries to identify key articles not found through the search strategies. Articles identified by expert panel members 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:** Cumulative Index to Nursing and Allied Health (CINAHL), Medline, Cochrane Central, Cochrane Database of Systematic Reviews, Embase and Emcare. For Recommendation 2, PsychInfo was also searched.

#### **Inclusion Criteria:**

The following criteria were used to guide the literature search:

- A primary focus on the following interventions for health and social service organizations, academic institutions, health and social service providers and/or students, and the prioritized outcomes per topic:
  1. **Intervention** – the use of decision aids to support shared decision-making decisions about health screening and health-care treatment options
- **Outcomes** – people's participation in their care (involvement in decision making and options); provider/people outcomes: provider satisfaction with care (or decision aid), people's knowledge (about benefits/harms) and people's selection of a treatment/screening option that reflected what was most important to them; provider care behaviors (establishing a therapeutic relationship respectful of person's preferences, culture etc.); organizational or system outcomes (satisfaction with overall care, length of stay, re-admission rates, adoption and sustainability (of decision aid use); harms (people/caregiver burden, provider burden); clinical outcomes
- 2. **Intervention** – sensory-minimizing strategies that address noise/lighting to facilitate people-centred care

- **Outcomes** – people, family or caregiver satisfaction with sensory-minimizing strategies; provider satisfaction; provider knowledge; physiologic measures; satisfaction with overall care; length of stay; re-admission rates; adoption and sustainability (of sensory-minimizing strategies); provider burden

Original search:

- Published between March 2022 to February 2024 (Recommendation 1.0) and between January 2018 to July 2023 (Recommendation 2.0)

Update search for Recommendation 2.0:

- Published between July 2023 to March 2025
- Published in English
- Accessible for retrieval
- Conducted in any geographic region
- Applicable to all health organizations (Recommendation 1.0) and all health and social service organizations and academic institutions (Recommendation 2.0)
- Applicable to all health providers (Recommendation 1.0) and applicable to all health and social service providers (Recommendation 2.0)
- Peer-reviewed literature
- 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 aforementioned interventions or prioritized outcomes
- Dissertations, commentaries, narratives, discussion papers, case studies, expert reports, consensus documents, studies without a specific methodology

**Searches**

**Recommendation question #1:** Should decision aids used by health providers and people (to support shared decision-making [SDM] about treatment and care) be recommended or not?

Databases: Cumulative Index to Nursing and Allied Health (CINAHL), Medline, Cochrane Central, Cochrane Database of Systematic Reviews, Embase and Emcare

Dates searched: March 2022 to February 2024

**MEDLINE(R)** 1946 to February 19, 2024

Search Strategy:

#	Searches	Results
1	Choice Behavior/	35126
2	exp decision making/	236373

3	exp decision support techniques/	82608
4	Educational Technology/	1666
5	decision*.tw.	434098
6	(choice* or preference*).tw.	482800
7	communication package*.tw.	30
8	or/1-7	1064659
9	exp health education/	264839
10	health knowledge attitudes practice/	127910
11	informed consent.tw,hw.	66635
12	patient.tw,hw.	2910014
13	consumer.tw,hw.	82158
14	or/9-13	3238504
15	8 and 14	277441
16	((patient* or consumer*) adj1 (decision* or choice* or preferenc* or participat*)).tw.	38521
17	((women or men) adj1 (decision* or choice* or preferenc* or participat*)).tw.	10155
18	(parent* adj1 (decision* or choice* or preferenc* or participat*)).tw.	4732
19	((personal or interpersonal or individual) adj (decision* or choice* or preferenc* or participat*)).tw.	6464
20	shared decision making.tw.	11439

21	decision aid*.tw.	3783
22	informed choice.tw.	1618
23	or/16-22	72244
24	15 or 23	314990
25	(decision* adj (aid* or box* or support* or technolog* or interven*)).ti,ab,kw.	21567
26	(option adj3 grid*).ti,ab,kw.	47
27	25 or 26	21586
28	randomized controlled trial.pt.	609065
29	controlled clinical trial.pt.	95542
30	randomized.ab.	550279
31	placebo.ab.	223660
32	drug therapy.fs.	2669863
33	randomly.ab.	358486
34	trial.ab.	594163
35	groups.ab.	2228057
36	or/28-35	5343565
37	exp animals/ not humans.sh.	5199097
38	36 not 37	4603527
39	and/24,27,38	3725

40	limit 39 to ed=20220311-20240219	611
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**Embase Classic+Embase** 1947 to 2024 February 19  
Search Strategy:

#	Searches	Results
1	decision support system/	27931
2	patient decision making/ or shared decision making/	27885
3	decision aid/	77
4	'decision tree'/	23408
5	decision making.hw,kw,tw. and informed consent.hw,kw.	14701
6	((decision* or decid*) adj4 (support* or aid* or tool* or instrument* or technolog* or technique* or system* or program* or algorithm* or process* or method* or intervention* or material*)).tw,kw.	177227
7	(decision adj (board* or guide* or counseling)).tw,kw.	341
8	((risk communication or risk assessment or risk information) adj4 (tool* or method*)).tw,kw.	15011
9	(computer* adj2 decision making).tw,kw.	465
10	interactive health communication*.tw,kw.	92
11	(interactive adj (internet or online or graphic* or booklet*)).tw,kw.	1767
12	(interacti* adj4 tool*).tw,kw.	7886
13	((interactiv* or evidence based) adj3 (risk information or risk communication or risk presentation or risk graphic*)).tw,kw.	54
14	shared decision making.tw,kw.	21543

15	(informed adj (choice* or decision*)).tw,kw.	19109
16	adaptive conjoint analys#s.tw,kw.	86
17	or/1-16	280942
18	randomized controlled trial/	808918
19	controlled clinical trial/	472772
20	single blind procedure/ or double blind procedure/	269494
21	crossover procedure/	77261
22	random*.tw.	2043791
23	placebo*.tw.	380246
24	((singl* or doubl*) adj (blind* or mask*)).tw.	290748
25	(crossover or cross over or factorial* or latin square).tw.	182149
26	(assign* or allocat* or volunteer*).tw.	1002490
27	or/18-26	3178480
28	nonhuman/ not (human/ and nonhuman/)	5381934
29	27 not 28	2924948
30	17 and 29	39388
31	(decision* adj (aid* or box* or support* or technolog* or interven*)).ti,ab,kw.	34734
32	(option adj3 grid*).ti,ab,kw.	89
33	or/31-32	34771

34	and/30,33	6585
35	limit 34 to dc=20220311-20240219	1361

**APA PsycInfo** 1806 to February Week 3 2024  
Search Strategy:

#	Searches	Results
1	decision support systems/ or exp Decision Making/	151131
2	(decision making or choice behavior).mp. and (informed consent.sh. or (patient* or parent* or carer* or caregiver* or care giver*).mp.)	39499
3	((decision* or decid*) adj4 (support* or aid* or tool* or instrument* or technolog* or technique* or system* or program* or algorithm* or process* or method* or intervention* or material*)).ti,ab,id.	52645
4	(decision adj (board* or guide* or counseling)).ti,ab,id.	75
5	((risk communication or risk assessment or risk information) adj4 (tool* or method*)).ti,ab,id.	1791
6	computer assisted therapy/	1253
7	(computer* adj2 decision making).ti,ab,id.	216
8	interactive health communication*.ti,ab,id.	47
9	(interactive adj (internet or online or graphic* or booklet*)).ti,ab,id.	446
10	(interacti* adj4 tool*).ti,ab,id.	1554
11	((interactiv* or evidence based) adj3 (risk information or risk communication or risk presentation or risk graphic*)).ti,ab,id.	17
12	shared decision making.ti,ab,id.	3993
13	(informed adj (choice* or decision*)).ti,ab,id.	4922

14	adaptive conjoint analys#s.ti,ab,id.	47
15	or/1-14	197293
16	random*.ti,ab,hw,id.	248785
17	intervention.ti,ab,hw,id.	347834
18	trial.ti,ab,hw,id.	131692
19	placebo*.ti,ab,hw,id.	45081
20	((singl* or doubl* or trebl* or tripl*) and (blind* or mask*)).ti,ab,hw,id.	33154
21	(cross over or crossover).ti,ab,hw,id.	12079
22	latin square.ti,ab,hw,id.	536
23	(assign* or allocat* or volunteer*).ti,ab,hw,id.	194744
24	treatment effectiveness evaluation/	29174
25	mental health program evaluation/	2457
26	exp experimental design/	64031
27	or/16-26	796622
28	(decision* adj (aid* or box* or support* or technolog* or interven*)).ti,ab.	5601
29	(option adj3 grid*).ti,ab.	15
30	or/28-29	5608
31	and/15,27,30	1500
32	limit 31 to yr="2022 -Current"	154

**EBM Reviews - Cochrane Central Register of Controlled Trials January 2024**

Search Strategy:

#	Searches	Results
1	exp Decision Support Techniques/	4472
2	exp Decision Making, Shared/	181
3	exp Consensus/	231
4	(decision* adj (aid* or box* or support* or technolog* or interven*)).ti,ab,kw.	4678
5	(option adj grid*).ti,ab,kw.	26
6	or/1-5	8725
7	limit 6 to yr="2022 -Current"	875
8	limit 7 to (clinical trial protocol or conference proceeding or dissertation thesis or trial registry record)	393
9	7 not 8	482

**CINAHL**

#	Query	Limiters/Expanders	Results
S1	(MH "Decision Making+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	155,134
S2	(MH "Information Seeking Behavior")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	5,187
S3	(MH "Help Seeking Behavior")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	8,913

S4	TI (choic\$ or preference\$) OR AB (choic\$ or preference\$)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	51,508
S5	TI decision\$ OR AB decision\$	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	184,858
S6	(MH "Educational Technology")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,756
S7	S1 OR S2 OR S3 OR S4 OR S5 OR S6	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	332,375
S8	(MH "Health Behavior+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	144,475
S9	(MH "Consumer Participation")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	24,766
S10	(MH "Health Education")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	33,304
S11	(MH "Health Knowledge") OR (MH "Professional Knowledge+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	71,357
S12	(MH "Consent")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	20,327
S13	TI "informed consent" OR AB "informed consent"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	16,388

S14	TI patient OR AB patient OR MW patient	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,462,315
S15	TI consumer OR AB consumer OR MW consumer	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	93,946
S16	S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,673,755
S17	S7 AND S16	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	175,140
S18	TI ((patient\$ or consumer\$) N1 (decision\$ or choice or preference or participation)) OR AB ((patient\$ or consumer\$) N1 (decision\$ or choice or preference or participation))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	22,074
S19	TI ((women or men) N1 (decision\$ or choice or preference or participation)) OR AB ((women or men) N1 (decision\$ or choice or preference or participation))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	5,329
S20	TI (parent\$ N1 (decision\$ or choice or preferenc\$ or participat\$)) OR AB (parent\$ N1 (decision\$ or choice or preferenc\$ or participat\$))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,002
S21	TI ((personal or interpersonal or individual) N1 (decision\$ or choice or preference\$ or participat\$)) OR AB ((personal or interpersonal or individual) N1 (decision\$ or choice or preference\$ or participat\$))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	5,446
S22	TI "shared decision making" OR AB "shared decision making"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	7,591

S23	TI "decision aid\$" OR AB "decision aid\$"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,572
S24	TI "informed choice" OR AB "informed choice"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,080
S25	S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	40,558
S26	S17 AND S25	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	26,240
S27	(MH "Clinical Trials+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	357,416
S28	PT Clinical trial	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	114,551
S29	TI (clinic\$ N trial\$1) OR AB (clinic\$ N trial\$1)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	0
S30	TI (clinic\$ N trial\$1) OR AB (clinic\$ N trial\$1)	Expanders - Apply equivalent subjects Search modes - SmartText Searching	916
S31	TI random\$ OR AB random\$	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	75,862
S32	(MH "Random Assignment")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	83,951

S33	TI placebo\$ OR AB placebo\$ OR MW placebo\$	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	74,852
S34	(MH "Quantitative Studies")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	38,507
S35	TI "Allocat\$ random\$" OR AB "Allocat\$ random\$"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	0
S36	TI "Allocat\$ random\$" OR AB "Allocat\$ random\$"	Expanders - Apply equivalent subjects Search modes - SmartText Searching	0
S37	TI ((singl\$ or doubl\$ or trebl\$ or tripl\$) N (blind\$3 or mask\$3)) OR AB ((singl\$ or doubl\$ or trebl\$ or tripl\$) N (blind\$3 or mask\$3))	Expanders - Apply equivalent subjects Search modes - SmartText Searching	0
S38	S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	509,154
S39	S26 AND S38	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,975
S40	EM 20220311*-	Limiters - Publication Date: 20220301-20240231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	509,105
S41	S39 AND S40	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	275

**Recommendation question #2:** Should sensory-minimizing strategies that address noise and light (used to facilitate people-centred care) be recommended or not?

### Original Search

Databases: Cumulative Index to Nursing and Allied Health (CINAHL), Medline, Cochrane Central, Cochrane Database of Systematic Reviews, Embase, Emtree, PsychInfo

Dates searched: January 2018 to July 2023

**MEDLINE(R) ALL** 1946 to July 20, 2023

Search Strategy:

#	Searches	Results
1	Circadian Rhythm/	77078
2	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").tw,kf.	55631
3	exp Delirium/	12626
4	delirium.tw,kf.	20841
5	exp Sleep/	97976
6	Sleep Wake Disorders/	27121
7	sleep*.tw,kf.	233723
8	vital signs/ or blood pressure/ or body temperature/ or heart rate/ or respiratory rate/	439793
9	(vital sign or vital signs).tw,kf.	19452
10	("physiolog* parameter" or "physiolog* parameters").tw,kf.	13125
11	((body or bodily or organ or organs) adj3 temperature*).tw,kf.	41758
12	("body heat" or normothermia).tw,kf.	4523

13	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").tw,kf.	231011
14	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).tw,kf.	41657
15	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").tw,kf.	370580
16	or/1-15 [Parameters affected]	1121561
17	Health Facility Environment/	4352
18	(health adj5 (environment or environments or facilities or facility or setting or settings)).tw,kf.	99865
19	((healthcare or "health care") adj5 (environment or environments or setting or settings)).tw,kf.	37853
20	((("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).tw,kf.	515
21	("care environment*" or "care facilit*" or "care setting*").tw,kf.	82549
22	"built environment*".tw,kf.	5867
23	"design* environment*".tw,kf.	396
24	"design* feature*".tw,kf.	4332
25	"physical environment*".tw,kf.	6846
26	"spatial environment*".tw,kf.	656
27	("ambient condition*" or "ambient environment*").tw,kf.	13457
28	"Facility Design and Construction"/ or "Hospital Design and Construction"/ or "Interior Design and Furnishings"/	22130

29	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).tw,kf.	11452
30	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).tw,kf.	663
31	Lighting/	12924
32	(illumination or light or lights or lighting or glare or bright*).tw,kf.	877106
33	Acoustics/	16494
34	acoustic*.tw,kf.	88939
35	(loud or louder or loudness).tw,kf.	9924
36	(pitch or pitches).tw,kf.	21030
37	Noise/	22959
38	(noise or noises or sound or sounds).tw,kf.	274185
39	"environment* stimul*".tw,kf.	8597
40	"sensory stimul*".tw,kf.	7377
41	Monitoring, Physiologic/	58753
42	(physiologic* adj3 monitor*).tw,kf.	4309
43	((patient or patients) adj3 monitor*).tw,kf.	53857
44	("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient	4830

	monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiologics or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).tw,kf.	
45	Clinical Alarms/	982
46	(clinical adj3 (alarm or alarms)).tw,kf.	279
47	((equipment or monitor*) adj3 (alarm or alarms)).tw,kf.	619
48	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*").tw,kf.	48
49	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,kf.	690
50	("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").tw,kf.	2481
51	consciousness monitors/	775
52	("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").tw,kf.	578
53	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).tw,kf.	211
54	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").tw,kf.	2
55	Fetal Monitoring/	7318

56	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").tw,kf.	2704
57	Cardiotocography/	2323
58	(cardiotocogram* or cardiotocography).tw,kf.	2092
59	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").tw,kf.	1069
60	("fetal pH monitor" or "foetal pH monitor*").tw,kf.	2
61	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").tw,kf.	5
62	Blood Pressure Monitors/	2413
63	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").tw,kf.	10394
64	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").tw,kf.	310
65	("oxygen monitor*" or "oxygenation monitor*").tw,kf.	885
66	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").tw,kf.	799
67	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").tw,kf.	29
68	respirat* monitor*.tw,kf.	1344
69	Blood Gas Monitoring, Transcutaneous/	2474
70	("cutaneous oximetries" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetries" or "trans	903

	cutaneous oximetries" or "transcutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").tw,kf.	
71	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").tw,kf.	336
72	Oximetry/	14454
73	(oximetries or oximetry).tw,kf.	13245
74	((clinical or electrocardiographic or "pulse oximetries" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).tw,kf.	373
75	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).tw,kf.	782
76	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).tw,kf.	2672
77	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (auditory tone or auditory tones or pitch tone or pitch tones or pulse tone or pulse tones)).tw,kf.	4
78	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).tw,kf.	406
79	Patients' Rooms/	3158
80	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms").tw,kf.	4731
81	Hospital Units/	10472
82	exp Intensive Care Units/	105815
83	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").tw,kf.	4481

84	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").tw,kf.	640
85	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").tw,kf.	0
86	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").tw,kf.	4748
87	("critical care unit" or "critical care units").tw,kf.	4144
88	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").tw,kf.	156343
89	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").tw,kf.	841
90	("respiratory care unit" or "respiratory care units").tw,kf.	184
91	("special care unit" or "special care units").tw,kf.	848
92	("stroke unit" or "stroke units").tw,kf.	3851
93	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).tw,kf.	111770
94	Recovery Room/	1338
95	(pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").tw,kf.	8193
96	Respiratory Care Units/	623
97	("respiratory care unit" or "respiratory care units").tw,kf.	184
98	Hospitals, Psychiatric/	26064
99	("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or	25445

	"psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").tw,kf.	
100	residential facilities/ or assisted living facilities/ or homes for the aged/ or nursing homes/ or intermediate care facilities/ or skilled nursing facilities/	56042
101	(residential facilit* or residential institution*).tw,kf.	1547
102	assisted living facilit*.tw,kf.	942
103	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").tw,kf.	4060
104	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").tw,kf.	11343
105	Secondary Care Centers/	300
106	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").tw,kf.	1515
107	Tertiary Care Centers/	21592
108	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").tw,kf.	77358
109	or/17-108 [Environment]	2019549
110	16 and 109 [Parameters AND Environment, Sensory Terms AND Units]	126488

111	Noise/pc [Prevention & Control]	1443
112	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).tw,kf.	43421
113	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).tw,kf.	1721
114	Eye Protective Devices/	1948
115	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").tw,kf.	1546
116	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).tw,kf.	55588
117	Ear Protective Devices/	1488
118	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").tw,kf.	3330
119	((("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*))).tw,kf.	8210
120	or/111-119	114989
121	110 and 120 [Parameters AND Environment, Sensory Terms AND reduce or minimise]	7871
122	limit 121 to english language	7543
123	limit 122 to yr="2018 -Current"	2254
124	exp animals/	26523912
125	exp animal experimentation/ or exp animal experiment/	10339
126	exp models animal/	641338

127	nonhuman/	0
128	exp vertebrate/ or exp vertebrates/	25778339
129	or/124-128	26525890
130	exp humans/	21382921
131	exp human experimentation/ or exp human experiment/	12682
132	130 or 131	21383580
133	129 not 132	5142938
134	123 not 133 [CADTH Filter for removing animal studies]	1896
135	remove duplicates from 134	1879

**Embase Classic+Embase 1947 to 2023 July 20**  
 Search Strategy:

#	Searches	Results
1	circadian rhythm/	105548
2	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").tw,kw.	74302
3	exp delirium/	43449
4	delirium.tw,kw.	33352
5	exp sleep/	307558
6	exp sleep parameters/	93139

7	sleep disorder/	86972
8	sleep*.tw,kw.	360578
9	vital sign/	33186
10	blood pressure/	329676
11	exp body temperature/	77666
12	exp "heart rate and rhythm"/	465829
13	exp medical parameters/	6796971
14	(vital sign or vital signs).tw,kw.	38935
15	("physiolog* parameter" or "physiolog* parameters").tw,kw.	17321
16	((body or bodily or organ or organs) adj3 temperature*).tw,kw.	51881
17	("body heat" or normothermia).tw,kw.	6540
18	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").tw,kw.	350201
19	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).tw,kw.	61463
20	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").tw,kw.	560428
21	or/1-20 [Parameters affected]	7446293
22	(health adj5 (environment or environments or facilities or facility or setting or settings)).tw,kw.	119425
23	((healthcare or "health care") adj5 (environment or environments or setting or settings)).tw,kw.	47572

24	("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).tw,kw.	582
25	("care environment*" or "care facilit*" or "care setting*").tw,kw.	109514
26	"built environment*".tw,kw.	6318
27	"design* environment*".tw,kw.	482
28	"design* feature*".tw,kw.	5047
29	"physical environment*".tw,kw.	8003
30	"spatial environment*".tw,kw.	688
31	("ambient condition*" or "ambient environment*").tw,kw.	12260
32	hospital design/	9934
33	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).tw,kw.	25668
34	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).tw,kw.	900
35	illumination/	42048
36	(illumination or light or lights or lighting or glare or bright*).tw,kw.	1000069
37	acoustics/	25892
38	acoustic*.tw,kw.	107398
39	sound related phenomena/ or loudness/ or pitch/ or sound intensity/	17707
40	(loud or louder or loudness).tw,kw.	13886
41	(pitch or pitches).tw,kw.	23777

42	noise/	73295
43	(noise or noises or sound or sounds).tw,kw.	323514
44	"environment* stimul*".tw,kw.	9905
45	"sensory stimul*".tw,kw.	9696
46	physiologic monitoring/	6981
47	patient monitor/	1977
48	(physiologic* adj3 monitor*).tw,kw.	5398
49	((patient or patients) adj3 monitor*).tw,kw.	89495
50	("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).tw,kw.	7129
51	alarm monitor/	1127
52	alarm monitoring/	1018
53	alarm software/	18
54	blood pressure alarm/	8

55	(clinical adj3 (alarm or alarms)).tw,kw.	338
56	((equipment or monitor*) adj3 (alarm or alarms)).tw,kw.	938
57	airway pressure monitor/	100
58	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*").tw,kw.	57
59	breathing frequency monitor/	1501
60	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,kw.	1565
61	cardiac output monitor/	497
62	("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").tw,kw.	3249
63	consciousness monitor/	101
64	("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").tw,kw.	781
65	cutaneous carbon dioxide monitor/	29
66	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).tw,kw.	330
67	cutaneous oxygen monitor/	28
68	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").tw,kw.	3

69	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").tw,kw.	3885
70	Cardiotocography/	5700
71	(cardiotocogram* or cardiotocography).tw,kw.	2998
72	fetal heart monitor/	141
73	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").tw,kw.	1441
74	fetal pH monitor/	3
75	("fetal pH monitor" or "foetal pH monitor*").tw,kw.	2
76	infusion rate monitor/	7
77	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").tw,kw.	9
78	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").tw,kw.	16440
79	invasive blood pressure monitor/	76
80	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").tw,kw.	516
81	oxygen monitor/	107
82	("oxygen monitor*" or "oxygenation monitor*").tw,kw.	1155
83	patient vital sign monitor/	302
84	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").tw,kw.	1184

85	respiratory gas monitor/	30
86	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").tw,kw.	32
87	respiratory monitor/	155
88	respirat* monitor*.tw,kw.	2012
89	transcutaneous blood gas monitor/	16
90	("cutaneous oximetry" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetry" or "trans cutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").tw,kw.	1172
91	blood gas monitor/	22
92	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").tw,kw.	462
93	oximetry/ or pulse oximetry/ or transcutaneous oxygen monitoring/	35859
94	(oximetry or oximetry).tw,kw.	18768
95	((clinical or electrocardiographic or "pulse oximetry" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).tw,kw.	498
96	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).tw,kw.	163
97	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).tw,kw.	4112
98	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones")).tw,kw.	4

99	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).tw,kw.	510
100	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards private room" or "private rooms").tw,kw.	7223
101	ward/	25785
102	intensive care unit/ or burn unit/ or exp coronary care unit/ or medical intensive care unit/ or neonatal intensive care unit/ or neurological intensive care unit/ or pediatric intensive care unit/ or psychiatric intensive care unit/ or stroke unit/ or exp surgical intensive care unit/	290193
103	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").tw,kw.	6946
104	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").tw,kw.	1343
105	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").tw,kw.	0
106	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").tw,kw.	7708
107	("critical care unit" or "critical care units").tw,kw.	7132
108	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").tw,kw.	226443
109	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").tw,kw.	1647
110	("respiratory care unit" or "respiratory care units").tw,kw.	347
111	("special care unit" or "special care units").tw,kw.	1102
112	("stroke unit" or "stroke units").tw,kw.	9239

113	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).tw,kw.	214705
114	recovery room/	9089
115	(pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").tw,kw.	12610
116	("respiratory care unit" or "respiratory care units").tw,kw.	347
117	mental hospital/	34795
118	("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").tw,kw.	36034
119	assisted living facility/ or mental health center/ or nursing home/ or residential home/	79206
120	home for the aged/	13574
121	(residential facilit* or residential institution*).tw,kw.	2044
122	assisted living facilit*.tw,kw.	1346
123	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").tw,kw.	5352
124	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").tw,kw.	16279
125	secondary care center/	2329

126	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").tw,kw.	2441
127	tertiary care center/	106255
128	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").tw,kw.	137510
129	or/22-128 [Environment, Sensory Terms]	2594314
130	noise/pc	667
131	noise reduction/	10706
132	noise-cancelling headphone/	68
133	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).tw,kw.	53046
134	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).tw,kw.	2390
135	eye protective device/ or eye mask/	1977
136	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").tw,kw.	1987
137	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).tw,kw.	62948
138	ear protective device/ or ear plug/	890

139	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").tw,kw.	4586
140	((("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*))).tw,kw.	10992
141	or/131-140	139756
142	21 and 129	600559
143	142 and 141	31035
144	limit 143 to english language	29473
145	limit 144 to yr="2018 -Current"	9472
146	limit 145 to (books or chapter or conference abstract or conference paper or "conference review" or "preprint (unpublished, non-peer reviewed)")	2881
147	145 not 146	6591
148	147 not ((exp animal/ or nonhuman/) not exp human/)	5258
149	remove duplicates from 148	5240

### Emcare Nursing 1995 to Present

Search Strategy:

#	Searches	Results
1	circadian rhythm/	8856
2	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").tw,kw.	8588
3	exp delirium/	10478

4	delirium.tw,kf.	11916
5	exp sleep/	57015
6	exp sleep parameters/	17758
7	sleep disorder/	17886
8	sleep*.tw,kf.	83889
9	vital sign/	7306
10	blood pressure/	38931
11	exp body temperature/	10088
12	exp "heart rate and rhythm"/	83076
13	exp medical parameters/	980018
14	(vital sign or vital signs).tw,kf.	10229
15	("physiolog* parameter" or "physiolog* parameters").tw,kf.	3849
16	((body or bodily or organ or organs) adj3 temperature*).tw,kf.	8163
17	("body heat" or normothermia).tw,kf.	1682
18	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").tw,kf.	76686
19	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).tw,kf.	11594
20	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").tw,kf.	106618

21	or/1-20	1154607
22	(health adj5 (environment or environments or facilities or facility or setting or settings)).tw,kf.	58582
23	((healthcare or "health care") adj5 (environment or environments or setting or settings)).tw,kf.	25702
24	((("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).tw,kf.	333
25	("care environment*" or "care facilit*" or "care setting*").tw,kf.	55091
26	"built environment*".tw,kf.	3733
27	"design* environment*".tw,kf.	165
28	"design* feature*".tw,kf.	2083
29	"physical environment*".tw,kf.	4111
30	"spatial environment*".tw,kf.	134
31	("ambient condition*" or "ambient environment*").tw,kf.	1176
32	hospital design/	1165
33	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).tw,kf.	11551
34	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).tw,kf.	223
35	illumination/	5833
36	(illumination or light or lights or lighting or glare or bright*).tw,kf.	143111
37	acoustics/	8152

38	acoustic*.tw,kf.	36921
39	sound related phenomena/ or loudness/ or pitch/ or sound intensity/	6889
40	(loud or louder or loudness).tw,kf.	4378
41	(pitch or pitches).tw,kf.	7986
42	noise/	23638
43	(noise or noises or sound or sounds).tw,kf.	92344
44	"environment* stimul*".tw,kf.	1404
45	"sensory stimul*".tw,kf.	1816
46	physiologic monitoring/	281
47	patient monitor/	199
48	(physiologic* adj3 monitor*).tw,kf.	1628
49	((patient or patients) adj3 monitor*).tw,kf.	20325
50	("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).tw,kf.	2038

51	alarm monitor/	363
52	alarm monitoring/	345
53	blood pressure alarm/	1
54	(clinical adj3 (alarm or alarms)).tw,kf.	199
55	((equipment or monitor*) adj3 (alarm or alarms)).tw,kf.	383
56	airway pressure monitor/	15
57	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*").tw,kf.	19
58	breathing frequency monitor/	75
59	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,kf.	464
60	cardiac output monitor/	67
61	("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").tw,kf.	787
62	consciousness monitor/	2
63	("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").tw,kf.	441
64	cutaneous carbon dioxide monitor/	2
65	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).tw,kf.	85

66	cutaneous oxygen monitor/	4
67	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").tw,kf.	0
68	fetus monitoring/	2811
69	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").tw,kf.	1182
70	(cardiotocogram* or cardiotocography).tw,kf.	768
71	fetal heart monitor/	16
72	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").tw,kf.	446
73	("fetal pH monitor" or "foetal pH monitor*").tw,kf.	0
74	infusion rate monitor/	1
75	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").tw,kf.	3
76	blood pressure monitor/	225
77	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").tw,kf.	3838
78	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").tw,kf.	163
79	("oxygen monitor*" or "oxygenation monitor*").tw,kf.	317
80	patient vital sign monitor/	3

81	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").tw,kf.	381
82	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").tw,kf.	7
83	respirat* monitor*.tw,kf.	525
84	("cutaneous oximetry" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetry" or "trans cutaneous oximetry" or "transcutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").tw,kf.	263
85	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").tw,kf.	183
86	oximetry/ or pulse oximetry/ or transcutaneous oxygen monitoring/	7833
87	(oximetry or oximetry).tw,kf.	5920
88	((clinical or electrocardiographic or "pulse oximetry" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).tw,kf.	266
89	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).tw,kf.	392
90	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).tw,kf.	372
91	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones")).tw,kf.	2
92	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).tw,kf.	159
93	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms").tw,kf.	2904

94	ward/	11449
95	intensive care unit/ or burn unit/ or exp coronary care unit/ or medical intensive care unit/ or neonatal intensive care unit/ or neurological intensive care unit/ or pediatric intensive care unit/ or psychiatric intensive care unit/ or stroke unit/ or exp surgical intensive care unit/	74721
96	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").tw,kf.	2768
97	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").tw,kf.	274
98	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").tw,kf.	0
99	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").tw,kf.	1193
100	("critical care unit" or "critical care units").tw,kf.	2786
101	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").tw,kf.	86504
102	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").tw,kf.	476
103	("respiratory care unit" or "respiratory care units").tw,kf.	75
104	("special care unit" or "special care units").tw,kf.	506
105	("stroke unit" or "stroke units").tw,kf.	1951
106	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).tw,kf.	64152
107	recovery room/	3478

108	(pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").tw,kf.	4692
109	("respiratory care unit" or "respiratory care units").tw,kf.	75
110	mental hospital/	5467
111	("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").tw,kf.	10426
112	assisted living facility/ or mental health center/ or nursing home/ or residential home/	28071
113	home for the aged/	2309
114	(residential facilit* or residential institution*).tw,kf.	1197
115	assisted living facilit*.tw,kf.	932
116	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").tw,kf.	2780
117	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").tw,kf.	7491
118	secondary care center/	411
119	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").tw,kf.	736

120	tertiary care center/	11111
121	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").tw,kf.	32207
122	or/22-121	637964
123	noise reduction/	3068
124	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).tw,kf.	15454
125	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).tw,kf.	539
126	eye protective device/ or eye mask/	240
127	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").tw,kf.	585
128	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).tw,kf.	8781
129	ear protective device/ or ear plug/	177
130	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").tw,kf.	1468
131	((("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*)).tw,kf.	4941
132	or/123-131	32068
133	21 and 122	119931
134	133 and 132	6033

135	limit 134 to english language	5750
136	limit 135 to yr="2018 -Current"	1398
137	limit 136 to (book or chapter or conference abstract or conference paper or "conference review" or dissertation)	9
138	136 not 137	1389
139	138 not ((exp animal/ or nonhuman/) not exp human/)	1278
140	remove duplicates from 139	1274

**APA PsycInfo 1806 to July Week 3 2023**

Search Strategy:

#	Searches	Results
1	biological rhythms/ or human biological rhythms/ or sleep wake cycle/	12900
2	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").tw,id.	12681
3	delirium/	4098
4	delirium.tw,id.	7766
5	exp sleep/ or sleep deprivation/	46480
6	sleep wake disorders/	10562
7	sleep*.tw,id.	93722
8	blood pressure/ or exp body temperature/ or exp heart rate/ or respiration/	29931
9	(vital sign or vital signs).tw,id.	1934

10	physiological processes/	260
11	("physiolog* parameter" or "physiolog* parameters").tw,id.	1263
12	((body or bodily or organ or organs) adj3 temperature*).tw,id.	4670
13	("body heat" or normothermia).tw,id.	254
14	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").tw,id.	28455
15	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).tw,id.	3640
16	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").tw,id.	22272
17	or/1-16	171711
18	facility environment/ or hospital environment/	2795
19	(health adj5 (environment or environments or facilities or facility or setting or settings)).tw,id.	28135
20	((healthcare or "health care") adj5 (environment or environments or setting or settings)).tw,id.	11371
21	((("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).tw,id.	78
22	("care environment*" or "care facilit*" or "care setting*").tw,id.	25097
23	built environment/	1442
24	"built environment*".tw,id.	2688
25	"design* environment*".tw,id.	313

26	design* feature*.tw,id.	1994
27	"physical environment*".tw,id.	5400
28	"spatial environment*".tw,id.	363
29	("ambient condition*" or "ambient environment*").tw,id.	231
30	interior design/	553
31	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).tw,id.	3383
32	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).tw,id.	423
33	illumination/	8812
34	(illumination or light or lights or lighting or glare or bright*).tw,id.	144491
35	acoustics/	6015
36	acoustic*.tw,id.	24448
37	auditory stimulation/ or loudness/ or "pitch (frequency)"/ or silence/ or white noise/	29665
38	(loud or louder or loudness).tw,id.	6884
39	(pitch or pitches).tw,id.	10376
40	"noise levels (work areas)"/	483
41	(noise or noises or sound or sounds).tw,id.	86208
42	"environment* stimul*".tw,id.	3191
43	"sensory stimul*".tw,id.	4863

44	monitoring/	9140
45	(physiologic* adj3 monitor*).tw,id.	510
46	((patient or patients) adj3 monitor*).tw,id.	3668
47	("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascop 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).tw,id.	606
48	(clinical adj3 (alarm or alarms)).tw,id.	30
49	((equipment or monitor*) adj3 (alarm or alarms)).tw,id.	52
50	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*).tw,id.	0
51	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,id.	589
52	("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").tw,id.	47

53	("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").tw,id.	25
54	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).tw,id.	166
55	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").tw,id.	0
56	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").tw,id.	93
57	(cardiotocogram* or cardiotocography).tw,id.	25
58	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").tw,id.	21
59	("fetal pH monitor" or "foetal pH monitor*").tw,id.	0
60	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").tw,id.	0
61	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").tw,id.	378
62	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").tw,id.	3
63	("oxygen monitor*" or "oxygenation monitor*").tw,id.	18
64	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").tw,id.	24
65	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").tw,id.	3
66	respirat* monitor*.tw,id.	38
67	("cutaneous oximetries" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or	13

	"transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetries" or "trans cutaneous oximetries" or "transcutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").tw,id.	
68	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").tw,id.	3
69	(oximetries or oximetry).tw,id.	284
70	((clinical or electrocardiographic or "pulse oximetries" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).tw,id.	34
71	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).tw,id.	59
72	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).tw,id.	33
73	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones")).tw,id.	2
74	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).tw,id.	73
75	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms").tw,id.	632
76	intensive care/ or neonatal intensive care/	7117
77	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").tw,id.	162
78	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").tw,id.	36
79	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").tw,id.	0

80	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").tw,id.	195
81	("critical care unit" or "critical care units").tw,id.	375
82	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").tw,id.	8363
83	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").tw,id.	82
84	("respiratory care unit" or "respiratory care units").tw,id.	5
85	("special care unit" or "special care units").tw,id.	318
86	("stroke unit" or "stroke units").tw,id.	725
87	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).tw,id.	5708
88	(pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").tw,id.	205
89	("respiratory care unit" or "respiratory care units").tw,id.	5
90	psychiatric hospitals/ or psychiatric units/	10673
91	("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").tw,id.	28371
92	residential care institutions/ or exp nursing homes/ or assisted living/ or retirement communities/	22113
93	Long Term Care/	6499

94	(residential facilit* or residential institution*).tw,id.	2076
95	assisted living facilit*.tw,id.	669
96	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").tw,id.	1667
97	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").tw,id.	2908
98	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").tw,id.	65
99	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").tw,id.	2882
100	or/18-19	30772
101	noise effects/	4468
102	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).tw,id.	7986
103	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).tw,id.	707
104	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").tw,id.	74

105	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).tw,id.	7398
106	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").tw,id.	511
107	((("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*)).tw,id.	2579
108	or/101-107	22220
109	17 and 100	828
110	109 and 108	30
111	limit 110 to english language	30
112	limit 111 to yr="2018 -Current"	7
113	limit 112 to (bibliography or chapter or dissertation or review-book or review-media or review-software & other)	0
114	112 not 113	7
115	exp animals/	376473
116	exp animal experimentation/ or exp animal experiment/	662
117	exp vertebrate/ or exp vertebrates/	344523
118	animal.po.	439154
119	or/115-118	453440
120	human.po.	4575450
121	119 not 120	390437

122	114 not 121 [Citation: Animal Studies - Standard - MEDLINE, Embase, PsycInfo. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: <a href="https://searchfilters.cadth.ca/link/5">https://searchfilters.cadth.ca/link/5</a> . Accessed 2023-07-19. ]	7
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### EBM Reviews - Cochrane Central Register of Controlled Trials June 2023

Search Strategy:

#	Searches	Results
1	circadian rhythm/	3569
2	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").tw,kw.	3673
3	exp Delirium/	1368
4	delirium.tw,kw.	4900
5	exp Sleep/	9442
6	Sleep Wake Disorders/	2138
7	sleep*.tw,kw.	48783
8	vital signs/ or blood pressure/ or body temperature/ or heart rate/ or respiratory rate/	46812
9	(vital sign or vital signs).tw,kw.	19247
10	("physiolog* parameter" or "physiolog* parameters").tw,kw.	1724
11	((body or bodily or organ or organs) adj3 temperature*).tw,kw.	6432
12	("body heat" or normothermia).tw,kw.	827
13	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or	73040

	"heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*).tw,kw.	
14	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).tw,kw.	12070
15	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").tw,kw.	99502
16	or/1-15	221052
17	health facility environment/	56
18	(health adj5 (environment or environments or facilities or facility or setting or settings)).tw,kw.	7678
19	((healthcare or "health care") adj5 (environment or environments or setting or settings)).tw,kw.	2586
20	((("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).tw,kw.	35
21	("care environment*" or "care facilit*" or "care setting*").tw,kw.	9118
22	"built environment*").tw,kw.	147
23	"design* environment*").tw,kw.	13
24	"design* feature*").tw,kw.	411
25	"physical environment*").tw,kw.	256
26	"spatial environment*").tw,kw.	7
27	("ambient condition*" or "ambient environment*").tw,kw.	115
28	"facility design and construction"/ or "hospital design and construction"/ or "interior design and furnishings"/	153

29	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).tw,kw.	1416
30	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).tw,kw.	35
31	Lighting/	259
32	(illumination or light or lights or lighting or glare or bright*).tw,kw.	27066
33	Acoustics/	152
34	acoustic*.tw,kw.	2780
35	(loud or louder or loudness).tw,kw.	1076
36	(pitch or pitches).tw,kw.	868
37	Noise/	583
38	(noise or noises or sound or sounds).tw,kw.	11944
39	"environment* stimul*".tw,kw.	232
40	"sensory stimul*".tw,kw.	883
41	Monitoring, Physiologic/	2513
42	(physiologic* adj3 monitor*).tw,kw.	479
43	((patient or patients) adj3 monitor*).tw,kw.	11293
44	("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascop 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient	1060

	monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or PhysiDoloris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).tw,kw.	
45	Clinical Alarms/	63
46	(clinical adj3 (alarm or alarms)).tw,kw.	27
47	((equipment or monitor*) adj3 (alarm or alarms)).tw,kw.	117
48	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*").tw,kw.	6
49	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,kw.	188
50	("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").tw,kw.	208
51	consciousness monitors/	214
52	("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").tw,kw.	290
53	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).tw,kw.	96
54	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").tw,kw.	1
55	Fetal Monitoring/	278

56	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").tw,kw.	415
57	Cardiotocography/	188
58	(cardiotocogram* or cardiotocography).tw,kw.	377
59	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").tw,kw.	164
60	("fetal pH monitor" or "foetal pH monitor*").tw,kw.	0
61	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").tw,kw.	1
62	Blood Pressure Monitors/	167
63	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").tw,kw.	8800
64	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").tw,kw.	308
65	("oxygen monitor*" or "oxygenation monitor*").tw,kw.	143
66	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").tw,kw.	89
67	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").tw,kw.	5
68	respirat* monitor*.tw,kw.	152
69	Blood Gas Monitoring, Transcutaneous/	238
70	("cutaneous oximetries" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetries" or "trans	203

	cutaneous oximetries" or "transcutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").tw,kw.	
71	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").tw,kw.	33
72	Oximetry/	998
73	(oximetries or oximetry).tw,kw.	4412
74	((clinical or electrocardiographic or "pulse oximetries" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).tw,kw.	52
75	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).tw,kw.	125
76	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).tw,kw.	675
77	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones")).tw,kw.	1
78	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).tw,kw.	63
79	Patients' Rooms/	85
80	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms").tw,kw.	856
81	Hospital Units/	218
82	exp Intensive Care Units/	5191
83	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").tw,kw.	317

84	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").tw,kw.	64
85	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").tw,kw.	0
86	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").tw,kw.	667
87	("critical care unit" or "critical care units").tw,kw.	421
88	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").tw,kw.	21828
89	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").tw,kw.	75
90	("respiratory care unit" or "respiratory care units").tw,kw.	25
91	("special care unit" or "special care units").tw,kw.	104
92	("stroke unit" or "stroke units").tw,kw.	901
93	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).tw,kw.	21953
94	Recovery Room/	353
95	(pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").tw,kw.	7341
96	Respiratory Care Units/	15
97	("respiratory care unit" or "respiratory care units").tw,kw.	25
98	Hospitals, Psychiatric/	285
99	("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or	1708

	"psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").tw,kw.	
100	residential facilities/ or assisted living facilities/ or homes for the aged/ or nursing homes/ or intermediate care facilities/ or skilled nursing facilities/	2202
101	(residential facilit* or residential institution*).tw,kw.	121
102	assisted living facilit*.tw,kw.	164
103	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").tw,kw.	532
104	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").tw,kw.	882
105	Secondary Care Centers/	8
106	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").tw,kw.	224
107	Tertiary Care Centers/	466
108	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").tw,kw.	6845
109	or/17-108	137619
110	Noise/pc	0

111	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).tw,kw.	2886
112	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).tw,kw.	250
113	Eye Protective Devices/	84
114	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").tw,kw.	295
115	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).tw,kw.	3902
116	Ear Protective Devices/	97
117	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").tw,kw.	1336
118	((("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*))).tw,kw.	2334
119	or/110-118	10710
120	16 and 109	34334
121	119 and 120	2064
122	limit 121 to english language	2020
123	limit 122 to yr="2018 -Current"	940
124	limit 123 to (dissertation thesis or trial registry record)	328
125	123 not 124	612
126	exp animals/	760780

127	exp animal experimentation/ or exp animal experiment/	9
128	exp models animal/	911
129	nonhuman/	3060
130	exp vertebrate/ or exp vertebrates/	760416
131	or/126-130	763744
132	exp humans/	757817
133	exp human experimentation/ or exp human experiment/	317
134	132 or 133	757823
135	131 not 134	5927
136	125 not 135	612

### EBM Reviews - Cochrane Database of Systematic Reviews 2005 to July 18, 2023

Search Strategy:

#	Searches	Results
1	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").mp.	109
2	delirium.mp.	225
3	sleep*.mp.	1572

4	(vital sign or vital signs).mp.	161
5	("physiolog* parameter" or "physiolog* parameters").mp.	96
6	((body or bodily or organ or organs) adj3 temperature*).mp.	204
7	("body heat" or normothermia).mp.	31
8	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").mp.	1118
9	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).mp.	406
10	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").mp.	1681
11	or/1-10	3821
12	(health adj5 (environment or environments or facilities or facility or setting or settings)).mp.	765
13	((healthcare or "health care") adj5 (environment or environments or setting or settings)).mp.	835
14	((("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).mp.	24
15	("care environment*" or "care facilit*" or "care setting*").mp.	1223
16	"built environment*".mp.	30
17	"design* environment*".mp.	2
18	"design* feature*".mp.	228
19	"physical environment*".mp.	77

20	"spatial environment*".mp.	0
21	("ambient condition*" or "ambient environment*").mp.	5
22	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).mp.	175
23	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).mp.	3
24	(illumination or light or lights or lighting or glare or bright*).mp.	2454
25	acoustic*.mp.	136
26	(loud or louder or loudness).mp.	81
27	(pitch or pitches).mp.	46
28	(noise or noises or sound or sounds).mp.	1180
29	"environment* stimul*".mp.	32
30	"sensory stimul*".mp.	75
31	(physiologic* adj3 monitor*).mp.	39
32	((patient or patients) adj3 monitor*).mp.	269
33	("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns	34

	VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).mp.	
34	(clinical adj3 (alarm or alarms)).mp.	4
35	((equipment or monitor*) adj3 (alarm or alarms)).mp.	4
36	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*").mp.	1
37	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").mp.	68
38	("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").mp.	2
39	("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").mp.	2
40	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).mp.	5
41	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").mp.	0
42	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").mp.	65
43	(cardiotocogram* or cardiotocography).mp.	52
44	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").mp.	30
45	("fetal pH monitor" or "foetal pH monitor*").mp.	0

46	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").mp.	0
47	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").mp.	54
48	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").mp.	2
49	("oxygen monitor*" or "oxygenation monitor*").mp.	11
50	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").mp.	4
51	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").mp.	0
52	respirat* monitor*.mp.	8
53	("cutaneous oximetries" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetries" or "trans cutaneous oximetries" or "transcutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").mp.	11
54	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").mp.	1
55	(oximetries or oximetry).mp.	118
56	((clinical or electrocardiographic or "pulse oximetries" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).mp.	5
57	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).mp.	10
58	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).mp.	32

59	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones")).mp.	0
60	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).mp.	1
61	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms").mp.	53
62	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").mp.	29
63	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").mp.	4
64	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").mp.	1
65	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").mp.	33
66	("critical care unit" or "critical care units").mp.	41
67	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").mp.	1258
68	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").mp.	1
69	("respiratory care unit" or "respiratory care units").mp.	8
70	("special care unit" or "special care units").mp.	30
71	("stroke unit" or "stroke units").mp.	118
72	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).mp.	766

73	(pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").mp.	85
74	("respiratory care unit" or "respiratory care units").mp.	8
75	("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").mp.	181
76	(residential facilit* or residential institution*).mp.	42
77	assisted living facilit*.mp.	22
78	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").mp.	57
79	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").mp.	114
80	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").mp.	28
81	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").mp.	185
82	or/12-81	5891

83	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).mp.	140
84	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).mp.	32
85	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").mp.	23
86	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).mp.	196
87	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").mp.	36
88	((("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*)).mp.	699
89	or/83-88	1021
90	11 and 82	2433
91	90 and 89	431
92	limit 91 to last 6 years	136
93	limit 92 to full systematic reviews	122

## CINAHL

#	Query	Limiters/Expanders	Results
S1	(MH "Circadian Rhythm")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	7,897
S2	TI (biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian	Expanders - Apply equivalent subjects	4,565

	<p>periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*") OR AB (biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*")</p>	<p>Search modes - Boolean/Phrase</p>	
S3	(MH "Delirium")	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	8,289
S4	TI delirium OR AB delirium	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	10,460
S5	(MH "Sleep+")	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	33,110
S6	(MH "Sleep Disorders, Circadian Rhythm")	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	794
S7	TI sleep* OR AB sleep*	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	81,642
S8	(MH "Blood Pressure Determination") OR (MH "Body Temperature Determination") OR (MH "Respiratory Rate") OR (MH "Pulse+") OR (MH "Vital Signs")	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	20,600
S9	(MH "Heart Rate+")	<p>Expanders - Apply equivalent subjects</p>	35,992

		Search modes - Boolean/Phrase	
S10	TI (vital sign or vital signs) OR AB (vital sign or vital signs)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	8,712
S11	(MH "Physiological Processes")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	845
S12	TI ("physiolog* parameter" or "physiolog* parameters") OR AB ("physiolog* parameter" or "physiolog* parameters")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,074
S13	TI ((body or bodily or organ or organs) N2 temperature*) OR AB ((body or bodily or organ or organs) N2 temperature*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	4,678
S14	TI ("body heat" or normothermia) OR AB ("body heat" or normothermia)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,055
S15	TI ("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*") OR AB ("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	50,805
S16	TI ((rate or rates or frequency) N2 (breathing or respiration or respiratory)) OR AB ((rate or rates or frequency) N2 (breathing or respiration or respiratory))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	7,449

S17	TI ("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure") OR AB ("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	86,633
S18	(MH "Health Facility Environment")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	7,562
S19	TI (health N4 (environment or environments or facilities or facility or setting or settings)) OR AB (health N4 (environment or environments or facilities or facility or setting or settings))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	46,503
S20	TI ((healthcare or "health care") N4 (environment or environments or setting or settings)) OR AB ((healthcare or "health care") N4 (environment or environments or setting or settings))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	23,398
S21	TI (("healthcare facilit*" or "health care facilit*") N4 (environment or environments or setting or settings)) OR AB (("healthcare facilit*" or "health care facilit*") N4 (environment or environments or setting or settings))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	180
S22	TI ("care environment*" or "care facilit*" or "care setting*") OR AB ("care environment*" or "care facilit*" or "care setting*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	53,579
S23	(MH "Built Environment")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	501
S24	TI "built environment*" OR AB "built environment*"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,290

S25	TI "design* environment*" OR AB "design* environment*"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	91
S26	TI "design* feature*" OR AB "design* feature*"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,391
S27	TI "physical environment*" OR AB "physical environment*"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	3,258
S28	TI "spatial environment*" OR AB "spatial environment*"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	57
S29	TI ("ambient condition*" or "ambient environment*") OR AB ("ambient condition*" or "ambient environment*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	296
S30	(MH "Facility Design and Construction") OR (MH "Interior Design and Furnishings") OR (MH "Hospital Design and Construction")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	12,612
S31	TI (design* N2 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)) OR AB (design* N2 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	7,588
S32	TI (atmosphere* N2 (design* or environment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)) OR AB (atmosphere* N2 (design* or environment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	247

S33	(MH "Lighting")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,328
S34	TI (illumination or light or lights or lighting or glare or bright*) OR AB (illumination or light or lights or lighting or glare or bright*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	76,292
S35	(MH "Acoustics")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,651
S36	TI acoustic* OR AB acoustic*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	11,130
S37	TI (loud or louder or loudness) OR AB (loud or louder or loudness)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	3,301
S38	TI (pitch or pitches) OR AB (pitch or pitches)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	4,284
S39	(MH "Sound") OR (MH "Noise")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	10,922
S40	TI (noise or noises or sound or sounds) OR AB (noise or noises or sound or sounds)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	44,295
S41	TI ("environment* stimul*") OR AB ("environment* stimul*")	Expanders - Apply equivalent subjects	661

		Search modes - Boolean/Phrase	
S42	TI "sensory stimul*" OR AB "sensory stimul*"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,036
S43	(MH "Monitoring, Physiologic")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	24,357
S44	TI (physiologic* N2 monitor*) OR AB (physiologic* N2 monitor*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	785
S45	TI ((patient or patients) N2 monitor*) OR AB ((patient or patients) N2 monitor*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	15,328
S46	TI ("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	302

	"SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense)		
S47	AB ("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	903
S48	(MH "Equipment Alarm Systems")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	975
S49	TI (clinical N2 (alarm or alarms)) OR AB (clinical N2 (alarm or alarms))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	176
S50	TI ((equipment or monitor*) N2 (alarm or alarms)) OR AB ((equipment or monitor*) N2 (alarm or alarms))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	307

S51	TI ("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*") OR AB ("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	19
S52	TI ("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor") OR AB ("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,451
S53	TI ("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ") OR AB ("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	410
S54	TI ("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*") OR AB ("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	204
S55	TI ("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA) OR AB ("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	74

S56	TI (cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser") OR AB (cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser")	Expanders - Apply equivalent subjects Search modes - SmartText Searching	192
S57	(MH "Fetal Monitoring+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	3,418
S58	TI ("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring") OR AB ("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,081
S59	(MH "Cardiotocography")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	803
S60	TI (cardiotocogram* or cardiotocography) OR AB (cardiotocogram* or cardiotocography)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	506
S61	TI ("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart rate monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41") OR AB ("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart rate monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	382
S62	TI ("fetal pH monitor" or "foetal pH monitor*") OR AB ("fetal pH monitor" or "foetal pH monitor*")	Expanders - Apply equivalent subjects Search modes - SmartText Searching	1,961

S63	TI ("drip rate monitor*" or "infusion rate monitor*" or "DripAssist") OR AB ("drip rate monitor*" or "infusion rate monitor*" or "DripAssist")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	4
S64	(MH "Blood Pressure Devices+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,793
S65	TI ("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*") OR AB ("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	3,210
S66	TI ("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical") OR AB ("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	88
S67	TI ("oxygen monitor*" or "oxygenation monitor*") OR AB ("oxygen monitor*" or "oxygenation monitor*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	254
S68	TI ("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi") OR AB ("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	274
S69	TI ("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling") OR AB ("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	7
S70	TI (respirat* monitor*) OR AB (respirat* monitor*)	Expanders - Apply equivalent subjects	283

		Search modes - Boolean/Phrase	
S71	(MH "Blood Gas Monitoring, Transcutaneous")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	609
S72	TI ("cutaneous oximetry" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetry" or "trans cutaneous oximetry" or "transcutaneous oximetry" or "trans cutaneous oximetry" "IntelliVue TcG10") OR AB ("cutaneous oximetry" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetry" or "trans cutaneous oximetry" or "transcutaneous oximetry" or "trans cutaneous oximetry" "IntelliVue TcG10")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	160
S73	TI ("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*") OR AB ("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	86
S74	(MH "Oximetry")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	3,000
S75	TI (oximetry or oximetry) OR AB (oximetry or oximetry)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	4,056
S76	TI ((clinical or electrocardiographic or "pulse oximetry" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") N2 (alarm or alarms))	Expanders - Apply equivalent subjects	235

	OR AB ((clinical or electrocardiographic or "pulse oximetries" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") N2 (alarm or alarms))	Search modes - Boolean/Phrase	
S77	TI ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 (alert or alerts)) OR AB ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 (alert or alerts))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	407
S78	TI ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 (monitor or monitors)) OR AB ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 (monitor or monitors))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	779
S79	TI ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones")) OR AB ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	3
S80	TI ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 acoustic*) OR AB ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 acoustic*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	113
S81	(MH "Patients' Rooms+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,642
S82	TI ("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms") OR AB ("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,447

S83	(MH "Hospital Units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	8,909
S84	(MH "Intensive Care Units+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	72,200
S85	TI ("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units") OR AB ("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,853
S86	TI ("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units") OR AB ("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	216
S87	TI ("close attention unit" or "close attention units" or "close attention ward" or "close attention wards") OR AB ("close attention unit" or "close attention units" or "close attention ward" or "close attention wards")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	0
S88	TI ("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units") OR AB ("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,175
S89	TI ("critical care unit" or "critical care units") OR AB ("critical care unit" or "critical care units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,692
S90	TI ("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units") OR AB ("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	64,632

	or "intensive treatment unit" or "intensive treatment units")		
S91	TI ("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units") OR AB ("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	356
S92	TI ("respiratory care unit" or "respiratory care units") OR AB ("respiratory care unit" or "respiratory care units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	69
S93	TI ("special care unit" or "special care units") OR AB ("special care unit" or "special care units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	578
S94	TI ("stroke unit" or "stroke units") OR AB ("stroke unit" or "stroke units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,800
S95	TI (bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus) OR AB (bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	53,568
S96	TI (pacu or "post anaesthesia care unit" or "post anaesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards") OR AB (pacu or "post anaesthesia care unit" or "post anaesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	3,135
S97	(MH "Respiratory Care Units")	Expanders - Apply equivalent subjects	245

		Search modes - Boolean/Phrase	
S98	TI ("respiratory care unit" or "respiratory care units") OR AB ("respiratory care unit" or "respiratory care units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	69
S99	(MH "Hospitals, Psychiatric")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	7,747
S100	(MH "Psychiatric Units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	3,000
S101	TI ("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units") OR AB ("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	9,677
S102	(MH "Residential Facilities") OR (MH "Nursing Homes") OR (MH "Skilled Nursing Facilities") OR (MH "Housing for Older Persons")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	38,077
S103	(MH "Long Term Care")	Expanders - Apply equivalent subjects	28,369

		Search modes - Boolean/Phrase	
S104	TI (residential facilit* or residential institution*) OR AB (residential facilit* or residential institution*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	759
S105	TI ("assisted living facilit*") OR AB ("assisted living facilit*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	971
S106	TI ("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*") OR AB ("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,096
S107	TI ("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*") OR AB ("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	8,395
S108	(MH "Nursing Home Patients")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	15,541

S109	(MH "Secondary Health Care")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	968
S110	TI ("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals") OR AB ("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	456
S111	(MH "Tertiary Health Care")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	10,729
S112	TI ("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals") OR AB ("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	23,385

S113	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	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	263,905
S114	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 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 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 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 OR S103 OR S104 OR S105 OR S106 OR S107 OR S108 OR S109 OR S110 OR S111 OR S112	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	529,921
S115	S113 AND S114	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	36,274
S116	(MH "Noise/PC")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	916
S117	TI ((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) N4 (acoustic* or noise or noises or sound or sounds)) OR AB ((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) N4 (acoustic* or noise or noises or sound or sounds))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	5,760
S118	TI (sensory N1 (lower* or minimis* or minimiz* or reduc*)) OR AB (sensory N1 (lower* or minimis* or minimiz* or reduc*))	Expanders - Apply equivalent subjects	361

		Search modes - Boolean/Phrase	
S119	(MH "Eye Protective Devices")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,007
S120	TI ("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks") OR AB ("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	524
S121	TI ((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) N4 (light* or illumination* or bright*)) OR AB ((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) N4 (light* or illumination* or bright*))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	3,887
S122	(MH "Ear Protective Devices")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,157
S123	TI (earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*") OR AB (earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,323
S124	TI (("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") N4 (care or interven*)) OR AB (("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") N4 (care or interven*))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	4,169

S125	S116 OR S117 OR S118 OR S119 OR S120 OR S121 OR S122 OR S123 OR S124	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	17,421
S126	S115 AND S125	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,474
S127	S115 AND S125	Limiters - Published Date: 20180101-20231231; English Language; Peer Reviewed Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	548

### Update search for Recommendation 2.0

Databases: Cumulative Index to Nursing and Allied Health (CINAHL), Medline, Cochrane Central, Cochrane Database of Systematic Reviews, Embase, Emcare, PsychInfo

Dates searched: July 2023 to March 2025

Ovid MEDLINE(R) ALL <1946 to March 19, 2025>

#	Searches	Results	Type
1	Circadian Rhythm/  (biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").tw,kf.	79804	Advanced
2	exp Delirium/	14148	Advanced
3	delirium.tw,kf.	24287	Advanced

5	exp Sleep/	106553	Advanced
6	Sleep Wake Disorders/	29563	Advanced
7	sleep*.tw,kf.	265995	Advanced
8	vital signs/ or blood pressure/ or body temperature/ or heart rate/ or respiratory rate/	452080	Advanced
9	(vital sign or vital signs).tw,kf.	22616	Advanced
10	("physiolog* parameter" or "physiolog* parameters").tw,kf.	14922	Advanced
11	((body or bodily or organ or organs) adj3 temperature*).tw,kf.	44740	Advanced
12	("body heat" or normothermia).tw,kf.	4853	Advanced
13	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").tw,kf.	247924	Advanced
14	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).tw,kf.	45388	Advanced
15	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").tw,kf.	395495	Advanced
16	or/1-15 [Parameters affected]	1206316	Advanced
17	Health Facility Environment/	4360	Advanced
18	(health adj5 (environment or environments or facilities or facility or setting or settings)).tw,kf.	115747	Advanced
19	((healthcare or "health care") adj5 (environment or environments or setting or settings)).tw,kf.	45721	Advanced
20	((("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).tw,kf.	609	Advanced

21	("care environment*" or "care facilit*" or "care setting*").tw,kf.	92506	Advanced
22	"built environment*".tw,kf.	7030	Advanced
23	"design* environment*".tw,kf.	473	Advanced
24	"design* feature*".tw,kf.	4956	Advanced
25	"physical environment*".tw,kf.	7624	Advanced
26	"spatial environment*".tw,kf.	755	Advanced
27	("ambient condition*" or "ambient environment*").tw,kf.	15808	Advanced
28	"Facility Design and Construction"/ or "Hospital Design and Construction"/ or "Interior Design and Furnishings"/	22338	Advanced
29	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).tw,kf.	12826	Advanced
30	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).tw,kf.	725	Advanced
31	Acoustics/	17551	Advanced
32	acoustic*.tw,kf.	97338	Advanced
33	(loud or louder or loudness).tw,kf.	10725	Advanced
34	(pitch or pitches).tw,kf.	23110	Advanced
35	Noise/	23994	Advanced
36	(noise or noises or sound or sounds).tw,kf.	303270	Advanced
37	"environment* stimul*".tw,kf.	9514	Advanced
38	"sensory stimul*".tw,kf.	8060	Advanced
39	Monitoring, Physiologic/	60242	Advanced

40	(physiologic* adj3 monitor*).tw,kf.	5044	Advanced
41	((patient or patients) adj3 monitor*).tw,kf.  ("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue	60848	Advanced
42	MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoloris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).tw,kf.	5237	Advanced
43	Clinical Alarms/	1054	Advanced
44	(clinical adj3 (alarm or alarms)).tw,kf.	323	Advanced
45	((equipment or monitor*) adj3 (alarm or alarms)).tw,kf.	685	Advanced
46	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*).tw,kf.  ("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,kf.	49	Advanced
47	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,kf.	729	Advanced

48	("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").tw,kf.	2807	Advanced
49	consciousness monitors/	811	Advanced
50	("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").tw,kf.	617	Advanced
51	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).tw,kf.	220	Advanced
52	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").tw,kf.	2	Advanced
53	Fetal Monitoring/	7420	Advanced
54	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").tw,kf.	2908	Advanced
55	Cardiotocography/	2441	Advanced
56	(cardiotocogram* or cardiotocography).tw,kf.	2273	Advanced
57	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").tw,kf.	1126	Advanced
58	("fetal pH monitor" or "foetal pH monitor*").tw,kf.	2	Advanced
59	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").tw,kf.	7	Advanced
60	Blood Pressure Monitors/	2469	Advanced
61	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").tw,kf.	11431	Advanced
62	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").tw,kf.	356	Advanced

63	("oxygen monitor*" or "oxygenation monitor*").tw,kf.	965	Advanced
64	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").tw,kf.	892	Advanced
65	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").tw,kf.	29	Advanced
66	respirat* monitor*.tw,kf.	1563	Advanced
67	Blood Gas Monitoring, Transcutaneous/	2501	Advanced
68	("cutaneous oximetry" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometry" or "transcutaneous capnometry" or "trans cutaneous oximetry" or "trans cutaneous oximetry" or "transcutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").tw,kf.	940	Advanced
69	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").tw,kf.	346	Advanced
70	Oximetry/	14996	Advanced
71	(oximetry or oximetry).tw,kf.	14258	Advanced
72	((clinical or electrocardiographic or "pulse oximetry" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).tw,kf.	425	Advanced
73	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).tw,kf.	896	Advanced
74	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).tw,kf.	2980	Advanced

75	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (auditory tone or auditory tones or pitch tone or pitch tones or pusle tone or pulse tones)).tw,kf.	4	Advanced
76	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).tw,kf.	436	Advanced
77	Patients' Rooms/	3218	Advanced
78	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms").tw,kf.	5338	Advanced
79	Hospital Units/	10533	Advanced
80	exp Intensive Care Units/	115396	Advanced
81	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").tw,kf.	4947	Advanced
82	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").tw,kf.	693	Advanced
83	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").tw,kf.	0	Advanced
84	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").tw,kf.	4854	Advanced
85	("critical care unit" or "critical care units").tw,kf.	4608	Advanced
86	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").tw,kf.	178606	Advanced
87	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").tw,kf.	953	Advanced
88	("respiratory care unit" or "respiratory care units").tw,kf.	209	Advanced

89	("special care unit" or "special care units").tw,kf.	877	Advanced
90	("stroke unit" or "stroke units").tw,kf.	4196	Advanced
91	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).tw,kf.	131534	Advanced
92	Recovery Room/  (pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").tw,kf.	1361	Advanced
93		9184	Advanced
94	Respiratory Care Units/	630	Advanced
95	("respiratory care unit" or "respiratory care units").tw,kf.	209	Advanced
96	Hospitals, Psychiatric/  ("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").tw,kf.	26387	Advanced
97		27889	Advanced
98	residential facilities/ or assisted living facilities/ or homes for the aged/ or nursing homes/ or intermediate care facilities/ or skilled nursing facilities/	58230	Advanced
99	(residential facilit* or residential institution*).tw,kf.	1690	Advanced
100	assisted living facilit*.tw,kf.	1038	Advanced
101	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").tw,kf.	4422	Advanced

102	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").tw,kf.	12533	Advanced
103	Secondary Care Centers/	319	Advanced
104	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").tw,kf.	1773	Advanced
105	Tertiary Care Centers/	25148	Advanced
106	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").tw,kf.	92565	Advanced
107	or/17-106 [Environment]	1306011	Advanced
108	16 and 107 [Parameters AND Environment, Sensory Terms AND Units]	100364	Advanced
109	Noise/pc [Prevention & Control]	1467	Advanced
110	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).tw,kf.	49440	Advanced
111	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).tw,kf.	1947	Advanced
112	Eye Protective Devices/	1992	Advanced
113	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").tw,kf.	1689	Advanced
114	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or	62432	Advanced

	minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*).tw,kf.		
115	Ear Protective Devices/	1536	Advanced
116	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").tw,kf.	3611	Advanced
117	((("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*)).tw,kf.	10351	Advanced
118	or/109-117	130488	Advanced
119	108 and 118 [Parameters AND Environment, Sensory Terms AND reduce or minimise]	3257	Advanced
120	limit 119 to english language	3081	Advanced
121	limit 120 to yr="2018 -Current"	1422	Advanced
122	exp animals/	27918183	Advanced
123	exp animal experimentation/ or exp animal experiment/	10673	Advanced
124	exp models animal/	0	Advanced
125	nonhuman/	0	Advanced
126	exp vertebrate/ or exp vertebrates/	27133354	Advanced
127	or/122-126	27918509	Advanced
128	exp humans/	22598785	Advanced
129	exp human experimentation/ or exp human experiment/	12705	Advanced
130	128 or 129	22599444	Advanced
131	127 not 130	5319693	Advanced
132	121 not 131 [CADTH Filter for removing animal studies]	1352	Advanced

133 remove duplicates from 132 1333    Advanced

134 limit 133 to dt="20230721-20250320" 388    Advanced

Embase <1974 to 2025 March 19>

#	Searches	Results	Type
1	circadian rhythm/	106034	Advanced
2	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").tw,kw.	77007	Advanced
3	exp delirium/	47577	Advanced
4	delirium.tw,kw.	36265	Advanced
5	exp sleep/	322172	Advanced
6	exp sleep parameters/	114267	Advanced
7	sleep disorder/	100591	Advanced
8	sleep*.tw,kw.	391646	Advanced
9	vital sign/	38707	Advanced
10	blood pressure/	305710	Advanced
11	exp body temperature/	78030	Advanced
12	exp "heart rate and rhythm"/	470089	Advanced
13	exp medical parameters/	7253431	Advanced
14	(vital sign or vital signs).tw,kw.	44705	Advanced
15	("physiolog* parameter" or "physiolog* parameters").tw,kw.	19026	Advanced

16	((body or bodily or organ or organs) adj3 temperature*).tw,kw.	50254	Advanced
17	("body heat" or normothermia).tw,kw.	6554	Advanced
18	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").tw,kw.	359284	Advanced
19	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).tw,kw.	62871	Advanced
20	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").tw,kw.	568727	Advanced
21	or/1-20 [Parameters affected]	7915992	Advanced
22	(health adj5 (environment or environments or facilities or facility or setting or settings)).tw,kw.	135020	Advanced
23	((healthcare or "health care") adj5 (environment or environments or setting or settings)).tw,kw.	56080	Advanced
24	((("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).tw,kw.	675	Advanced
25	("care environment*" or "care facilit*" or "care setting*").tw,kw.	120628	Advanced
26	"built environment*".tw,kw.	7447	Advanced
27	"design* environment*".tw,kw.	537	Advanced
28	"design* feature*".tw,kw.	5556	Advanced
29	"physical environment*".tw,kw.	8649	Advanced
30	"spatial environment*".tw,kw.	790	Advanced
31	("ambient condition*" or "ambient environment*").tw,kw.	14062	Advanced
32	hospital design/	7453	Advanced

33	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).tw,kw.	27544	Advanced
34	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).tw,kw.	872	Advanced
35	acoustics/	26486	Advanced
36	acoustic*.tw,kw.	107994	Advanced
37	sound related phenomena/ or loudness/ or pitch/ or sound intensity/	18482	Advanced
38	(loud or louder or loudness).tw,kw.	13123	Advanced
39	(pitch or pitches).tw,kw.	24565	Advanced
40	noise/	75482	Advanced
41	(noise or noises or sound or sounds).tw,kw.	334307	Advanced
42	"environment* stimul*".tw,kw.	10677	Advanced
43	"sensory stimul*".tw,kw.	9843	Advanced
44	physiologic monitoring/	7632	Advanced
45	patient monitor/	2810	Advanced
46	(physiologic* adj3 monitor*).tw,kw.	5968	Advanced
47	((patient or patients) adj3 monitor*).tw,kw.	100267	Advanced
48	("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or	7512	Advanced

"patient data management systems" or "patient monitor rack" or "patient monitoring device\*" or "patient monitoring modem\*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module\*" or "patient vital sign module\*" or "patient vital sign monitoring module\*" or PhysiDoloris or "physiologic monitor\*" or "physiological monitor\*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).tw,kw.

49	alarm monitor/	1192	Advanced
50	alarm monitoring/	1050	Advanced
51	alarm software/	22	Advanced
52	blood pressure alarm/	10	Advanced
53	(clinical adj3 (alarm or alarms)).tw,kw.	380	Advanced
54	((equipment or monitor*) adj3 (alarm or alarms)).tw,kw.	1002	Advanced
55	airway pressure monitor/	114	Advanced
56	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*").tw,kw.	60	Advanced
57	breathing frequency monitor/	1834	Advanced
58	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,kw.	1645	Advanced
59	cardiac output monitor/	616	Advanced

60	("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").tw,kw.	3444	Advanced
61	consciousness monitor/	170	Advanced
62	("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").tw,kw.	831	Advanced
63	cutaneous carbon dioxide monitor/	37	Advanced
64	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).tw,kw.	365	Advanced
65	cutaneous oxygen monitor/	33	Advanced
66	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").tw,kw.	3	Advanced
67	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").tw,kw.	4023	Advanced
68	Cardiotocography/	6135	Advanced
69	(cardiotocogram* or cardiotocography).tw,kw.	3194	Advanced
70	fetal heart monitor/	181	Advanced
71	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").tw,kw.	1477	Advanced
72	fetal pH monitor/	3	Advanced
73	("fetal pH monitor" or "foetal pH monitor*").tw,kw.	2	Advanced
74	infusion rate monitor/	9	Advanced
75	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").tw,kw.	10	Advanced

76	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").tw,kw.	17974	Advanced
77	invasive blood pressure monitor/	121	Advanced
78	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").tw,kw.	583	Advanced
79	oxygen monitor/	144	Advanced
80	("oxygen monitor*" or "oxygenation monitor*").tw,kw.	1233	Advanced
81	patient vital sign monitor/	461	Advanced
82	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").tw,kw.	1308	Advanced
83	respiratory gas monitor/	39	Advanced
84	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").tw,kw.	31	Advanced
85	respiratory monitor/	219	Advanced
86	respirat* monitor*.tw,kw.	2251	Advanced
87	transcutaneous blood gas monitor/	20	Advanced
88	("cutaneous oximetry" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetry" or "trans cutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").tw,kw.	1218	Advanced
89	blood gas monitor/	61	Advanced

90	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").tw,kw.	500	Advanced
91	oximetry/ or pulse oximetry/ or transcutaneous oxygen monitoring/	38914	Advanced
92	(oximetries or oximetry).tw,kw.	20055	Advanced
93	((clinical or electrocardiographic or "pulse oximetries" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).tw,kw.	547	Advanced
94	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).tw,kw.	1479	Advanced
95	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).tw,kw.	4538	Advanced
96	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones")).tw,kw.	4	Advanced
97	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).tw,kw.	504	Advanced
98	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards private room" or "private rooms").tw,kw.	7834	Advanced
99	ward/	23760	Advanced
100	intensive care unit/ or burn unit/ or exp coronary care unit/ or medical intensive care unit/ or neonatal intensive care unit/ or neurological intensive care unit/ or pediatric intensive care unit/ or psychiatric intensive care unit/ or stroke unit/ or exp surgical intensive care unit/	344400	Advanced
101	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").tw,kw.	7498	Advanced
102	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").tw,kw.	1499	Advanced

103	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").tw,kw.	0	Advanced
104	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").tw,kw.	7087	Advanced
105	("critical care unit" or "critical care units").tw,kw.	7880	Advanced
106	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").tw,kw.	254683	Advanced
107	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").tw,kw.	1821	Advanced
108	("respiratory care unit" or "respiratory care units").tw,kw.	357	Advanced
109	("special care unit" or "special care units").tw,kw.	1084	Advanced
110	("stroke unit" or "stroke units").tw,kw.	9875	Advanced
111	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).tw,kw.	246940	Advanced
112	recovery room/	10632	Advanced
113	(pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").tw,kw.	13882	Advanced
114	("respiratory care unit" or "respiratory care units").tw,kw.	357	Advanced
115	mental hospital/	27284	Advanced
116	("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").tw,kw.	34549	Advanced

117	assisted living facility/ or mental health center/ or nursing home/ or residential home/	80909	Advanced
118	home for the aged/	11996	Advanced
119	(residential facilit* or residential institution*).tw,kw.	2103	Advanced
120	assisted living facilit*.tw,kw.	1433	Advanced
121	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").tw,kw.	5144	Advanced
122	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").tw,kw.	17546	Advanced
123	secondary care center/	2825	Advanced
124	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").tw,kw.	2803	Advanced
125	tertiary care center/	137715	Advanced
126	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").tw,kw.	166405	Advanced
127	or/22-126 [Environment, Sensory Terms]	1772806	Advanced
128	noise/pc	515	Advanced

129	noise reduction/	11777	Advanced
130	noise-cancelling headphone/	139	Advanced
131	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).tw,kw.	57396	Advanced
132	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).tw,kw.	2622	Advanced
133	eye protective device/ or eye mask/	2175	Advanced
134	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").tw,kw.	2058	Advanced
135	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).tw,kw.	67211	Advanced
136	ear protective device/ or ear plug/	1198	Advanced
137	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").tw,kw.	4616	Advanced
138	((("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*)).tw,kw.	13322	Advanced
139	or/129-138	151550	Advanced
140	21 and 127	503749	Advanced
141	140 and 139	19247	Advanced
142	limit 141 to english language	18445	Advanced
143	limit 142 to yr="2018 -Current"	7878	Advanced

144	limit 143 to (books or chapter or conference abstract or conference paper or "conference review" or "preprint (unpublished, non-peer reviewed)")	2355	Advanced
145	143 not 144	5523	Advanced
146	145 not ((exp animal/ or nonhuman/) not exp human/)	4829	Advanced
147	limit 145 to dc="20230721-20250320"	1654	Advanced

Ovid Emcare Nursing <1995 to Present>

#	Searches	Results	Type
1	circadian rhythm/	14817	Advanced
2	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").tw,kw.	9835	Advanced
3	exp delirium/	19994	Advanced
4	delirium.tw,kf.	14035	Advanced
5	exp sleep/	87572	Advanced
6	exp sleep parameters/	39487	Advanced
7	sleep disorder/	33665	Advanced
8	sleep*.tw,kf.	99194	Advanced
9	vital sign/	12574	Advanced
10	blood pressure/	68672	Advanced
11	exp body temperature/	18346	Advanced
12	exp "heart rate and rhythm"/	136786	Advanced

13	exp medical parameters/	1736651	Advanced
14	(vital sign or vital signs).tw,kf.	11903	Advanced
15	("physiolog* parameter" or "physiolog* parameters").tw,kf.	4359	Advanced
16	((body or bodily or organ or organs) adj3 temperature*).tw,kf.	9056	Advanced
17	("body heat" or normothermia).tw,kf.	1826	Advanced
18	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").tw,kf.	84122	Advanced
19	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).tw,kf.	13092	Advanced
20	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").tw,kf.	117839	Advanced
21	or/1-20	1874902	Advanced
22	(health adj5 (environment or environments or facilities or facility or setting or settings)).tw,kf.	67848	Advanced
23	((healthcare or "health care") adj5 (environment or environments or setting or settings)).tw,kf.	30950	Advanced
24	((("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).tw,kf.	404	Advanced
25	("care environment*" or "care facilit*" or "care setting*").tw,kf.	62354	Advanced
26	"built environment*".tw,kf.	4442	Advanced
27	"design* environment*".tw,kf.	178	Advanced
28	"design* feature*".tw,kf.	2372	Advanced
29	"physical environment*".tw,kf.	4624	Advanced

30	"spatial environment*".tw,kf.	155	Advanced
31	("ambient condition*" or "ambient environment*").tw,kf.	1284	Advanced
32	hospital design/	1482	Advanced
33	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).tw,kf.	13036	Advanced
34	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).tw,kf.	255	Advanced
35	acoustics/	9683	Advanced
36	acoustic*.tw,kf.	40535	Advanced
37	sound related phenomena/ or loudness/ or pitch/ or sound intensity/	9450	Advanced
38	(loud or louder or loudness).tw,kf.	4833	Advanced
39	(pitch or pitches).tw,kf.	8802	Advanced
40	noise/	31162	Advanced
41	(noise or noises or sound or sounds).tw,kf.	102903	Advanced
42	"environment* stimul*".tw,kf.	1530	Advanced
43	"sensory stimul*".tw,kf.	2056	Advanced
44	physiologic monitoring/	566	Advanced
45	patient monitor/	1240	Advanced
46	(physiologic* adj3 monitor*).tw,kf.	1820	Advanced
47	((patient or patients) adj3 monitor*).tw,kf.	23274	Advanced
48	("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascop 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression	2223	Advanced

MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device\*" or "patient monitoring modem\*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module\*" or "patient vital sign module\*" or "patient vital sign monitoring module\*" or Physiodoris or "physiologic monitor\*" or "physiological monitor\*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).tw,kf.

49	alarm monitor/	545	Advanced
50	alarm monitoring/	533	Advanced
51	blood pressure alarm/	7	Advanced
52	(clinical adj3 (alarm or alarms)).tw,kf.	235	Advanced
53	((equipment or monitor*) adj3 (alarm or alarms)).tw,kf.	429	Advanced
54	airway pressure monitor/	50	Advanced
55	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*").tw,kf.	19	Advanced
56	breathing frequency monitor/	438	Advanced
57	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,kf.	484	Advanced

58	cardiac output monitor/  ("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or	271	Advanced
59	"CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").tw,kf.	865	Advanced
60	consciousness monitor/  ("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").tw,kf.	70	Advanced
61		467	Advanced
62	cutaneous carbon dioxide monitor/  ("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).tw,kf.	12	Advanced
63		90	Advanced
64	cutaneous oxygen monitor/  (cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").tw,kf.	16	Advanced
65		0	Advanced
66	fetus monitoring/  ("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").tw,kf.	4045	Advanced
67		1321	Advanced
68	(cardiotocogram* or cardiotocography).tw,kf.	862	Advanced
69	fetal heart monitor/  ("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").tw,kf.	81	Advanced
70		490	Advanced
71	("fetal pH monitor" or "foetal pH monitor*").tw,kf.	0	Advanced
72	infusion rate monitor/  ("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").tw,kf.	5	Advanced
73		4	Advanced

74	blood pressure monitor/	1735	Advanced
75	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").tw,kf.	4245	Advanced
76	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").tw,kf.	178	Advanced
77	("oxygen monitor*" or "oxygenation monitor*").tw,kf.	361	Advanced
78	patient vital sign monitor/	203	Advanced
79	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").tw,kf.	425	Advanced
80	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").tw,kf.	7	Advanced
81	respirat* monitor*.tw,kf.	576	Advanced
82	("cutaneous oximetries" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetries" or "trans cutaneous oximetries" or "transcutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").tw,kf.	282	Advanced
83	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").tw,kf.	197	Advanced
84	oximetry/ or pulse oximetry/ or transcutaneous oxygen monitoring/	14050	Advanced
85	(oximetries or oximetry).tw,kf.	6428	Advanced
86	((clinical or electrocardiographic or "pulse oximetries" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).tw,kf.	305	Advanced

87	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).tw,kf.	456	Advanced
88	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).tw,kf.	428	Advanced
89	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones")).tw,kf.	3	Advanced
90	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).tw,kf.	172	Advanced
91	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms").tw,kf.	3303	Advanced
92	ward/	13679	Advanced
93	intensive care unit/ or burn unit/ or exp coronary care unit/ or medical intensive care unit/ or neonatal intensive care unit/ or neurological intensive care unit/ or pediatric intensive care unit/ or psychiatric intensive care unit/ or stroke unit/ or exp surgical intensive care unit/	146394	Advanced
94	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").tw,kf.	3132	Advanced
95	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").tw,kf.	297	Advanced
96	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").tw,kf.	0	Advanced
97	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").tw,kf.	1258	Advanced
98	("critical care unit" or "critical care units").tw,kf.	3099	Advanced
99	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").tw,kf.	99703	Advanced

100	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").tw,kf.	543	Advanced
101	("respiratory care unit" or "respiratory care units").tw,kf.	89	Advanced
102	("special care unit" or "special care units").tw,kf.	536	Advanced
103	("stroke unit" or "stroke units").tw,kf.	2117	Advanced
104	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).tw,kf.	75434	Advanced
105	recovery room/  (pacu or "post anaesthesia care unit" or "post anesthesia care unit" or	6200	Advanced
106	"recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").tw,kf.	5296	Advanced
107	("respiratory care unit" or "respiratory care units").tw,kf.	89	Advanced
108	mental hospital/  ("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").tw,kf.	7490	Advanced
109	assisted living facility/ or mental health center/ or nursing home/ or residential home/	12100	Advanced
110	home for the aged/	40940	Advanced
111	(residential facilit* or residential institution*).tw,kf.	2835	Advanced
112	assisted living facilit*.tw,kf.	1338	Advanced
113	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or	1013	Advanced
114		3121	Advanced

	"old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").tw,kf.		
115	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").tw,kf.	8428	Advanced
116	secondary care center/	1029	Advanced
117	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").tw,kf.	887	Advanced
118	tertiary care center/	34886	Advanced
119	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").tw,kf.	39283	Advanced
120	or/22-119	621144	Advanced
121	noise reduction/	4837	Advanced
122	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).tw,kf.	17551	Advanced
123	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).tw,kf.	627	Advanced
124	eye protective device/ or eye mask/	598	Advanced
125	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").tw,kf.	671	Advanced

126	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).tw,kf.	9914	Advanced
127	ear protective device/ or ear plug/	491	Advanced
128	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").tw,kf.	1634	Advanced
129	(("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*)).tw,kf.	6170	Advanced
130	or/121-129	37788	Advanced
131	21 and 120	169368	Advanced
132	131 and 130	6653	Advanced
133	limit 132 to english language	6404	Advanced
134	limit 133 to yr="2018 -Current"	2614	Advanced
135	limit 134 to (book or chapter or conference abstract or conference paper or "conference review" or dissertation)	14	Advanced
136	134 not 135	2600	Advanced
137	136 not ((exp animal/ or nonhuman/) not exp human/)	2404	Advanced
138	remove duplicates from 137	2402	Advanced
139	limit 138 to dc="20230721-20250320"	694	Advanced

APA PsycInfo <1806 to March 2025 Week 2>

#	Searches	Results	Type
1	biological rhythms/ or human biological rhythms/ or sleep wake cycle/	13852	Advanced

2	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").tw,id.	13516	Advanced
3	delirium/	4548	Advanced
4	delirium.tw,id.	8356	Advanced
5	exp sleep/ or sleep deprivation/	51548	Advanced
6	sleep wake disorders/	11582	Advanced
7	sleep*.tw,id.	102875	Advanced
8	blood pressure/ or exp body temperature/ or exp heart rate/ or respiration/	31687	Advanced
9	(vital sign or vital signs).tw,id.	2084	Advanced
10	physiological processes/	399	Advanced
11	("physiolog* parameter" or "physiolog* parameters").tw,id.	1371	Advanced
12	((body or bodily or organ or organs) adj3 temperature*).tw,id.	4828	Advanced
13	("body heat" or normothermia).tw,id.	263	Advanced
14	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").tw,id.	30307	Advanced
15	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).tw,id.	3833	Advanced
16	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").tw,id.	23448	Advanced
17	or/1-16	185180	Advanced

18	facility environment/ or hospital environment/	2905	Advanced
19	(health adj5 (environment or environments or facilities or facility or setting or settings)).tw,id.	31214	Advanced
20	((healthcare or "health care") adj5 (environment or environments or setting or settings)).tw,id.	12956	Advanced
21	((("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).tw,id.	90	Advanced
22	("care environment*" or "care facilit*" or "care setting*").tw,id.	27278	Advanced
23	built environment/	1689	Advanced
24	"built environment*".tw,id.	3074	Advanced
25	"design* environment*".tw,id.	338	Advanced
26	design* feature*.tw,id.	2221	Advanced
27	"physical environment*".tw,id.	5785	Advanced
28	"spatial environment*".tw,id.	401	Advanced
29	("ambient condition*" or "ambient environment*").tw,id.	244	Advanced
30	interior design/	592	Advanced
31	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).tw,id.	3679	Advanced
32	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).tw,id.	438	Advanced
33	acoustics/	6363	Advanced
34	acoustic*.tw,id.	25691	Advanced
35	auditory stimulation/ or loudness/ or "pitch (frequency)"/ or silence/ or white noise/	31554	Advanced

36	(loud or louder or loudness).tw,id.	7215	Advanced
37	(pitch or pitches).tw,id.	10914	Advanced
38	"noise levels (work areas)"/	504	Advanced
39	(noise or noises or sound or sounds).tw,id.	90948	Advanced
40	"environment* stimul*".tw,id.	3336	Advanced
41	"sensory stimul*".tw,id.	5139	Advanced
42	monitoring/	9751	Advanced
43	(physiologic* adj3 monitor*).tw,id.	561	Advanced
44	((patient or patients) adj3 monitor*).tw,id.	4044	Advanced
45	("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoloris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).tw,id.	655	Advanced
46	(clinical adj3 (alarm or alarms)).tw,id.	35	Advanced
47	((equipment or monitor*) adj3 (alarm or alarms)).tw,id.	60	Advanced

48	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*").tw,id.	0	Advanced
49	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,id.	605	Advanced
50	("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").tw,id.	48	Advanced
51	("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").tw,id.	28	Advanced
52	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).tw,id.	170	Advanced
53	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").tw,id.	0	Advanced
54	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").tw,id.	96	Advanced
55	(cardiotocogram* or cardiotocography).tw,id.	28	Advanced
56	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").tw,id.	21	Advanced
57	("fetal pH monitor" or "foetal pH monitor*").tw,id.	0	Advanced
58	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").tw,id.	0	Advanced
59	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").tw,id.	406	Advanced

60	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").tw,id.	3	Advanced
61	("oxygen monitor*" or "oxygenation monitor*").tw,id.	19	Advanced
62	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").tw,id.	28	Advanced
63	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").tw,id.	3	Advanced
64	respirat* monitor*.tw,id.	48	Advanced
65	("cutaneous oximetry" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetry" or "trans cutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").tw,id.	13	Advanced
66	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").tw,id.	3	Advanced
67	(oximetry or oximetry).tw,id.	314	Advanced
68	((clinical or electrocardiographic or "pulse oximetry" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).tw,id.	39	Advanced
69	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).tw,id.	67	Advanced
70	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).tw,id.	36	Advanced
71	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones")).tw,id.	2	Advanced

72	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).tw,id.	81	Advanced
73	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms").tw,id.	690	Advanced
74	intensive care/ or neonatal intensive care/	8071	Advanced
75	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").tw,id.	167	Advanced
76	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").tw,id.	38	Advanced
77	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").tw,id.	0	Advanced
78	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").tw,id.	198	Advanced
79	("critical care unit" or "critical care units").tw,id.	410	Advanced
80	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").tw,id.	9400	Advanced
81	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").tw,id.	89	Advanced
82	("respiratory care unit" or "respiratory care units").tw,id.	5	Advanced
83	("special care unit" or "special care units").tw,id.	329	Advanced
84	("stroke unit" or "stroke units").tw,id.	761	Advanced
85	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).tw,id.	6541	Advanced

86	(pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").tw,id.	229	Advanced
87	("respiratory care unit" or "respiratory care units").tw,id.	5	Advanced
88	psychiatric hospitals/ or psychiatric units/	11249	Advanced
89	("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").tw,id.	30277	Advanced
90	residential care institutions/ or exp nursing homes/ or assisted living/ or retirement communities/	23560	Advanced
91	Long Term Care/	7178	Advanced
92	(residential facilit* or residential institution*).tw,id.	2188	Advanced
93	assisted living facilit*.tw,id.	704	Advanced
94	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").tw,id.	1810	Advanced
95	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").tw,id.	3133	Advanced
96	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").tw,id.	89	Advanced

97	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").tw,id.	3449	Advanced
98	or/18-97	295345	Advanced
99	noise effects/	4912	Advanced
100	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).tw,id.	8507	Advanced
101	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).tw,id.	768	Advanced
102	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").tw,id.	89	Advanced
103	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).tw,id.	7794	Advanced
104	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").tw,id.	544	Advanced
105	(("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*)).tw,id.	3072	Advanced
106	or/99-105	24013	Advanced
107	17 and 98	13059	Advanced
108	107 and 106	1009	Advanced
109	limit 108 to english language	966	Advanced

110	limit 109 to yr="2018 -Current"	300	Advanced
111	limit 110 to (bibliography or chapter or dissertation or review-book or review-media or review-software & other)	30	Advanced
112	110 not 111	270	Advanced
113	exp animals/	389894	Advanced
114	exp animal experimentation/ or exp animal experiment/	885	Advanced
115	exp vertebrate/ or exp vertebrates/	356603	Advanced
116	animal.po.	453403	Advanced
117	or/113-116	470176	Advanced
118	human.po.	4888476	Advanced
119	117 not 118	403813	Advanced
	112 not 119 [Animal Studies - Standard - MEDLINE, Embase, PsycInfo.		
120	In: CADTH Search Filters Database. Ottawa: CADTH; 2023: <a href="https://searchfilters.cadth.ca/link/5">https://searchfilters.cadth.ca/link/5</a> . Accessed 2023-07-19. ]	247	Advanced
121	("202307\$" or "202308\$" or "202309\$" or "202310\$" or "202311\$" or "202312\$" or "2024\$" or "2025\$").up.	337437	Advanced
122	120 and 121	65	Advanced

#### EBM Reviews - Cochrane Central Register of Controlled Trials

#	Searches	Results	Type
1	circadian rhythm/	3764	Advanced
2	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").tw,kw.	4060	Advanced

3	exp Delirium/	1655	Advanced
4	delirium.tw,kw.	6241	Advanced
5	exp Sleep/	8924	Advanced
6	Sleep Wake Disorders/	2430	Advanced
7	sleep*.tw,kw.	58008	Advanced
8	vital signs/ or blood pressure/ or body temperature/ or heart rate/ or respiratory rate/	46326	Advanced
9	(vital sign or vital signs).tw,kw.	23589	Advanced
10	("physiolog* parameter" or "physiolog* parameters").tw,kw.	2083	Advanced
11	((body or bodily or organ or organs) adj3 temperature*).tw,kw.	7509	Advanced
12	("body heat" or normothermia).tw,kw.	897	Advanced
13	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").tw,kw.	83759	Advanced
14	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).tw,kw.	14347	Advanced
15	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").tw,kw.	111374	Advanced
16	or/1-15	251463	Advanced
17	health facility environment/	58	Advanced
18	(health adj5 (environment or environments or facilities or facility or setting or settings)).tw,kw.	8702	Advanced
19	((healthcare or "health care") adj5 (environment or environments or setting or settings)).tw,kw.	3005	Advanced

20	(( <b>"healthcare facilit*"</b> or <b>"health care facilit*"</b> ) adj5 (environment or environments or setting or settings)).tw,kw.	35	Advanced
21	( <b>"care environment*"</b> or <b>"care facilit*"</b> or <b>"care setting*"</b> ).tw,kw.	10188	Advanced
22	<b>"built environment*"</b> .tw,kw.	180	Advanced
23	<b>"design* environment*"</b> .tw,kw.	18	Advanced
24	<b>"design* feature*"</b> .tw,kw.	455	Advanced
25	<b>"physical environment*"</b> .tw,kw.	292	Advanced
26	<b>"spatial environment*"</b> .tw,kw.	8	Advanced
27	( <b>"ambient condition*"</b> or <b>"ambient environment*"</b> ).tw,kw.	126	Advanced
28	<b>"facility design and construction"/</b> or <b>"hospital design and construction"/</b> or <b>"interior design and furnishings"/</b>	171	Advanced
29	( <b>design* adj3</b> (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).tw,kw.	1531	Advanced
30	( <b>atmosphere* adj3</b> ( <b>design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards</b> )).tw,kw.	39	Advanced
31	Acoustics/	195	Advanced
32	acoustic*.tw,kw.	3011	Advanced
33	(loud or louder or loudness).tw,kw.	1213	Advanced
34	(pitch or pitches).tw,kw.	956	Advanced
35	Noise/	585	Advanced
36	(noise or noises or sound or sounds).tw,kw.	13903	Advanced
37	<b>"environment* stimul*"</b> .tw,kw.	269	Advanced
38	<b>"sensory stimul*"</b> .tw,kw.	1036	Advanced

39	Monitoring, Physiologic/	2765	Advanced
40	(physiologic* adj3 monitor*).tw,kw.	579	Advanced
41	((patient or patients) adj3 monitor*).tw,kw.	12795	Advanced
	("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue		
42	MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).tw,kw.	1111	Advanced
43	Clinical Alarms/	82	Advanced
44	(clinical adj3 (alarm or alarms)).tw,kw.	31	Advanced
45	((equipment or monitor*) adj3 (alarm or alarms)).tw,kw.	133	Advanced
46	("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*).tw,kw.	8	Advanced
	("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or		
47	"Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow	230	Advanced

	sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").tw,kw.		
48	("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").tw,kw.	240	Advanced
49	consciousness monitors/	234	Advanced
50	("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").tw,kw.	324	Advanced
51	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).tw,kw.	101	Advanced
52	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").tw,kw.	1	Advanced
53	Fetal Monitoring/	297	Advanced
54	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").tw,kw.	441	Advanced
55	Cardiotocography/	185	Advanced
56	(cardiotocogram* or cardiotocography).tw,kw.	407	Advanced
57	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").tw,kw.	172	Advanced
58	("fetal pH monitor" or "foetal pH monitor*").tw,kw.	0	Advanced
59	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").tw,kw.	2	Advanced
60	Blood Pressure Monitors/	185	Advanced
61	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").tw,kw.	9481	Advanced

62	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").tw,kw.	372	Advanced
63	("oxygen monitor*" or "oxygenation monitor*").tw,kw.	175	Advanced
64	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").tw,kw.	107	Advanced
65	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").tw,kw.	6	Advanced
66	respirat* monitor*.tw,kw.	172	Advanced
67	Blood Gas Monitoring, Transcutaneous/	269	Advanced
68	("cutaneous oximetry" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetry" or "trans cutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").tw,kw.	210	Advanced
69	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").tw,kw.	42	Advanced
70	Oximetry/	1101	Advanced
71	(oximetry or oximetry).tw,kw.	5336	Advanced
72	((clinical or electrocardiographic or "pulse oximetry" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).tw,kw.	59	Advanced
73	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).tw,kw.	147	Advanced
74	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).tw,kw.	792	Advanced

75	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pusle tone" or "pulse tones")).tw,kw.	1	Advanced
76	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).tw,kw.	66	Advanced
77	Patients' Rooms/	97	Advanced
78	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms").tw,kw.	983	Advanced
79	Hospital Units/	228	Advanced
80	exp Intensive Care Units/	6072	Advanced
81	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").tw,kw.	364	Advanced
82	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").tw,kw.	68	Advanced
83	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").tw,kw.	0	Advanced
84	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").tw,kw.	722	Advanced
85	("critical care unit" or "critical care units").tw,kw.	462	Advanced
86	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").tw,kw.	25241	Advanced
87	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").tw,kw.	77	Advanced
88	("respiratory care unit" or "respiratory care units").tw,kw.	25	Advanced
89	("special care unit" or "special care units").tw,kw.	114	Advanced

90	("stroke unit" or "stroke units").tw,kw.	947	Advanced
91	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).tw,kw.	25844	Advanced
92	Recovery Room/  (pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").tw,kw.	98	Advanced
93		8988	Advanced
94	Respiratory Care Units/	16	Advanced
95	("respiratory care unit" or "respiratory care units").tw,kw.	25	Advanced
96	Hospitals, Psychiatric/  ("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").tw,kw.	303	Advanced
97		1950	Advanced
98	residential facilities/ or assisted living facilities/ or homes for the aged/ or nursing homes/ or intermediate care facilities/ or skilled nursing facilities/	2498	Advanced
99	(residential facilit* or residential institution*).tw,kw.	139	Advanced
100	assisted living facilit*.tw,kw.	189	Advanced
101	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").tw,kw.	593	Advanced
102	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").tw,kw.	975	Advanced

103	Secondary Care Centers/  ("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").tw,kw.	10	Advanced
104		245	Advanced
105	Tertiary Care Centers/  ("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").tw,kw.	586	Advanced
106		8217	Advanced
107	ot/17-106	129023	Advanced
108	Noise/pc	0	Advanced
109	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).tw,kw.	3227	Advanced
110	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).tw,kw.	285	Advanced
111	Eye Protective Devices/  ("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").tw,kw.	92	Advanced
112		363	Advanced
113	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).tw,kw.	4459	Advanced
114	Ear Protective Devices/	116	Advanced

(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or		
115 "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").tw,kw.	1465	Advanced
116 (("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*)).tw,kw.	2902	Advanced
117 or/108-116	12355	Advanced
118 16 and 107	35401	Advanced
119 117 and 118	1273	Advanced
120 limit 119 to english language	1240	Advanced
121 limit 120 to yr="2018 -Current"	735	Advanced
122 limit 121 to (dissertation thesis or trial registry record)	312	Advanced
123 121 not 122	423	Advanced
124 exp animals/	883447	Advanced
125 exp animal experimentation/ or exp animal experiment/	11	Advanced
126 exp models animal/	1173	Advanced
127 nonhuman/	0	Advanced
128 exp vertebrate/ or exp vertebrates/	883154	Advanced
129 or/124-128	883453	Advanced
130 exp humans/	879702	Advanced
131 exp human experimentation/ or exp human experiment/	339	Advanced
132 130 or 131	879710	Advanced
133 129 not 132	3751	Advanced
134 123 not 133	421	Advanced

135	("202307\$" or "202308\$" or "202309\$" or "202310\$" or "202311\$" or "202312\$" or "2024\$" or "2025\$").up.	632887	Advanced
136	134 and 135	197	Advanced

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#	Searches	Results	Type
1	(biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*").mp.	117	Advanced
2	delirium.mp.	237	Advanced
3	sleep*.mp.	1631	Advanced
4	(vital sign or vital signs).mp.	174	Advanced
5	("physiolog* parameter" or "physiolog* parameters").mp.	104	Advanced
6	((body or bodily or organ or organs) adj3 temperature*).mp.	214	Advanced
7	("body heat" or normothermia).mp.	33	Advanced
8	("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*").mp.	1170	Advanced
9	((rate or rates or frequency) adj3 (breathing or respiration or respiratory)).mp.	419	Advanced
10	("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure").mp.	1734	Advanced
11	or/1-10	3946	Advanced
12	(health adj5 (environment or environments or facilities or facility or setting or settings)).mp.	800	Advanced

13	((healthcare or "health care") adj5 (environment or environments or setting or settings)).mp.	895	Advanced
14	((("healthcare facilit*" or "health care facilit*") adj5 (environment or environments or setting or settings)).mp.	30	Advanced
15	("care environment*" or "care facilit*" or "care setting*").mp.	1270	Advanced
16	"built environment*".mp.	30	Advanced
17	"design* environment*".mp.	2	Advanced
18	"design* feature*".mp.	263	Advanced
19	"physical environment*".mp.	83	Advanced
20	"spatial environment*".mp.	0	Advanced
21	("ambient condition*" or "ambient environment*").mp.	5	Advanced
22	(design* adj3 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)).mp.	205	Advanced
23	(atmosphere* adj3 (design* or enviroment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)).mp.	3	Advanced
24	acoustic*.mp.	141	Advanced
25	(loud or louder or loudness).mp.	85	Advanced
26	(pitch or pitches).mp.	49	Advanced
27	(noise or noises or sound or sounds).mp.	1222	Advanced
28	"environment* stimul*".mp.	35	Advanced
29	"sensory stimul*".mp.	78	Advanced
30	(physiologic* adj3 monitor*).mp.	41	Advanced
31	((patient or patients) adj3 monitor*).mp.	281	Advanced

32	<p>("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoloris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense).mp.</p>	36	Advanced
33	(clinical adj3 (alarm or alarms)).mp.	4	Advanced
34	((equipment or monitor*) adj3 (alarm or alarms)).mp.	3	Advanced
35	<p>("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*").mp.</p> <p>("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor").mp.</p>	1	Advanced
36	<p>("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ").mp.</p>	68	Advanced
37	<p>("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").mp.</p>	2	Advanced
38	<p>("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*").mp.</p>	2	Advanced

39	("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA).mp.	4	Advanced
40	(cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser").mp.	0	Advanced
41	("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring").mp.	70	Advanced
42	(cardiotocogram* or cardiotocography).mp.	54	Advanced
43	("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S41").mp.	30	Advanced
44	("fetal pH monitor" or "foetal pH monitor*").mp.	0	Advanced
45	("drip rate monitor*" or "infusion rate monitor*" or "DripAssist").mp.	0	Advanced
46	("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*").mp.	58	Advanced
47	("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical").mp.	2	Advanced
48	("oxygen monitor*" or "oxygenation monitor*").mp.	10	Advanced
49	("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi").mp.	4	Advanced
50	("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling").mp.	0	Advanced
51	respirat* monitor*.mp.	9	Advanced
52	("cutaneous oximetry" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "trans cutaneous blood gas monitor*" or "transcutaneous capnometries" or "trans cutaneous capnometries" or "transcutaneous capnometry" or "trans cutaneous capnometry" or "transcutaneous oximetry" or "trans cutaneous oximetry" or	12	Advanced

	"transcutaneous oximetry" or "trans cutaneous oximetry IntelliVue TcG10").mp.		
53	("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*").mp.	1	Advanced
54	(oximetries or oximetry).mp.	121	Advanced
55	((clinical or electrocardiographic or "pulse oximetries" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alarm or alarms)).mp.	5	Advanced
56	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (alert or alerts)).mp.	9	Advanced
57	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 (monitor or monitors)).mp.	32	Advanced
58	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pusle tone" or "pulse tones")).mp.	0	Advanced
59	((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") adj3 acoustic*).mp.	1	Advanced
60	("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms").mp.	51	Advanced
61	("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units").mp.	29	Advanced
62	("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units").mp.	4	Advanced
63	("close attention unit" or "close attention units" or "close attention ward" or "close attention wards").mp.	1	Advanced
64	("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units").mp.	32	Advanced
65	("critical care unit" or "critical care units").mp.	43	Advanced

66	("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units").mp.	1329	Advanced
67	("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units").mp.	1	Advanced
68	("respiratory care unit" or "respiratory care units").mp.	8	Advanced
69	("special care unit" or "special care units").mp.	31	Advanced
70	("stroke unit" or "stroke units").mp.	121	Advanced
71	(bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus).mp.	818	Advanced
72	(pacu or "post anaesthesia care unit" or "post anesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards").mp.	85	Advanced
73	("respiratory care unit" or "respiratory care units").mp.	8	Advanced
74	("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units").mp.	189	Advanced
75	(residential facilit* or residential institution*).mp.	44	Advanced
76	assisted living facilit*.mp.	27	Advanced
77	("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*").mp.	59	Advanced

78	("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*").mp.	122	Advanced
79	("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals").mp.	29	Advanced
80	("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals").mp.	200	Advanced
81	or/12-80	4860	Advanced
82	((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) adj5 (acoustic* or noise or noises or sound or sounds)).mp.	149	Advanced
83	(sensory adj2 (lower* or minimis* or minimiz* or reduc*)).mp.	34	Advanced
84	("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks").mp.	24	Advanced
85	((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) adj5 (light* or illumination* or bright*)).mp.	209	Advanced
86	(earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*").mp.	36	Advanced
87	(( "non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") adj5 (care or interven*)).mp.	729	Advanced

88 or/82-87	1065	Advanced
89 11 and 81	2165	Advanced
90 89 and 88	370	Advanced
91 limit 90 to last 6 years	50	Advanced
92 limit 91 to full systematic reviews	46	Advanced
93 ("202307\$" or "202308\$" or "202309\$" or "202310\$" or "202311\$" or "202312\$" or "2024\$" or "2025\$").up.	4372	Advanced
94 92 and 93	14	Advanced

#	Query	Limiters/Expanders	Last Run Via	Results
S1	(MH "Circadian Rhythm")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	8,082
S2	TI (biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or "diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*") OR AB (biorhythm* or "circadian clock*" or "circadian cycle*" or "circadian fluctuation*" or "circadian periodicit*" or "circadian rhythm*" or "day night rhythm*" or "diurnal cycle*" or "diurnal fluctuation*" or "diurnal pattern*" or "diurnal rhythm*" or	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	4,779

	"diurnal variation*" or "nyctohemeral rhythm*" or "twenty four hour rhythm*")			
S3	(MH "Delirium")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	8,989
S4	TI delirium OR AB delirium	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	11,411
S5	(MH "Sleep+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	36,780
S6	(MH "Sleep Disorders, Circadian Rhythm")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced	825

			Search Database - CINAHL Ultimate	
S7	TI sleep* OR AB sleep*	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	85,788
S8	(MH "Blood Pressure Determination") OR (MH "Body Temperature Determination") OR (MH "Respiratory Rate") OR (MH "Pulse+") OR (MH "Vital Signs")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	21,424
S9	(MH "Heart Rate+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	36,740
S10	TI (vital sign or vital signs) OR AB (vital sign or vital signs)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases	9,050

			Search Screen - Advanced Search Database - CINAHL Ultimate	
S11	(MH "Physiological Processes")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	961
S12	TI ("physiolog* parameter" or "physiolog* parameters") OR AB ("physiolog* parameter" or "physiolog* parameters")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	2,182
S13	TI ((body or bodily or organ or organs) N2 temperature*) OR AB ((body or bodily or organ or organs) N2 temperature*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	4,779
S14	TI ("body heat" or normothermia) OR AB ("body heat" or normothermia)	Expanders - Apply equivalent subjects	Interface - EBSCOhost	1,085

		Search modes - Proximity	Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	
S15	TI ("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*") OR AB ("cardiac chronotropism" or "cardiac chronotropy" or "cardiac rate" or "cardiac rates" or "heart rate" or "heart rates" or "heart rhythm*" or "heart beat" or "heart beats" or "heartbeat" or "heartbeats" or "pulse rate" or "pulse rates" or "pulse wave" or "sinus rhythm*")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	51,987
S16	TI ((rate or rates or frequency) N2 (breathing or respiration or respiratory)) OR AB ((rate or rates or frequency) N2 (breathing or respiration or respiratory))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	7,685
S17	TI ("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure") OR AB ("blood pressure" or "blood tension" or "diastolic pressure" or "intravascular pressure" or "normotension" or "pulse pressure" or "systolic pressure")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -	87,766

			CINAHL Ultimate	
S18	(MH "Health Facility Environment")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	8,292
S19	TI (health N4 (environment or environments or facilities or facility or setting or settings)) OR AB (health N4 (environment or environments or facilities or facility or setting or settings))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	48,620
S20	TI ((healthcare or "health care") N4 (environment or environments or setting or settings)) OR AB ((healthcare or "health care") N4 (environment or environments or setting or settings))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	24,956
S21	TI ("healthcare facilit*" or "health care facilit*") N4 (environment or environments or setting or settings)) OR AB ("healthcare facilit*" or "health care facilit*") N4 (environment or environments or setting or settings))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced	188

			Search Database - CINAHL Ultimate	
S22	TI ("care environment*" or "care facilit*" or "care setting*") OR AB ("care environment*" or "care facilit*" or "care setting*")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	55,203
S23	(MH "Built Environment")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	759
S24	TI "built environment*" OR AB "built environment*"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	2,515
S25	TI "design* environment*" OR AB "design* environment*"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases	88

			Search Screen - Advanced Search Database - CINAHL Ultimate	
S26	TI "design* feature*" OR AB "design* feature*"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	1,450
S27	TI "physical environment*" OR AB "physical environment*"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	3,443
S28	TI "spatial environment*" OR AB "spatial environment*"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	57

S29	TI ("ambient condition*" or "ambient environment*") OR AB ("ambient condition*" or "ambient environment*")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	308
S30	(MH "Facility Design and Construction") OR (MH "Interior Design and Furnishings") OR (MH "Hospital Design and Construction")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	12,886
S31	TI (design* N2 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards)) OR AB (design* N2 (facility or facilities or hospital or hospitals or interior or interiors or room or rooms or unit or units or ward or wards))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	7,765
S32	TI (atmosphere* N2 (design* or environment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards)) OR AB (atmosphere* N2 (design* or environment* or facility or facilities or hospital or hospitals or room or rooms or unit or units or ward or wards))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -	250

			CINAHL Ultimate	
S33	(MH "Acoustics")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	2,825
S34	TI acoustic* OR AB acoustic*	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	11,484
S35	TI (loud or louder or loudness) OR AB (loud or louder or loudness)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	3,301
S36	TI (pitch or pitches) OR AB (pitch or pitches)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced	4,486

			Search Database - CINAHL Ultimate	
S37	(MH "Sound") OR (MH "Noise")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	11,403
S38	TI (noise or noises or sound or sounds) OR AB (noise or noises or sound or sounds)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	44,895
S39	TI ("environment* stimul*") OR AB ("environment* stimul*")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	696
S40	TI "sensory stimul*" OR AB "sensory stimul*"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases	1,092

			Search Screen - Advanced Search Database - CINAHL Ultimate	
S41	(MH "Monitoring, Physiologic")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	25,561
S42	TI (physiologic* N2 monitor*) OR AB (physiologic* N2 monitor*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	796
S43	TI ((patient or patients) N2 monitor*) OR AB ((patient or patients) N2 monitor*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	15,736
S44	TI ("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient	Expanders - Apply equivalent subjects	Interface - EBSCOhost	313

	<p>Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiologor or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense)</p>	<p>Search modes - Proximity</p>	<p>Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	
<p>S45</p>	<p>AB ("Alaris PC unit" or "ambulatory monitor*" or "Avalanche (device)" or "Avalon Patient Module" or "CARESCAPE Central Station" or "CARESCAPE ONE" or "Datascope 3000" or "EarlySense BEX Sensor" or "Efficia CMS200" or "EV-1000" or "Expression IP5" or "Expression MR200" or "Expression MR400" or "IntelliBridge EC10 Module" or "IntelliBridge EC5 ID-Module" or "IntelliBridge EC5 Module" or "IntelliVue AD75" or "IntelliVue AD85" or "IntelliVue Capnography extension" or "IntelliVue FMS-4" or "IntelliVue MP5SC" or "IntelliVue MX600" or "IntelliVue MX700" or "IntelliVue MX750" or "IntelliVue MX800" or "IntelliVue MX850" or "patient data management</p>	<p>Expanders - Apply equivalent subjects Search modes - Proximity</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	<p>868</p>

	system" or "patient data management systems" or "patient monitor rack" or "patient monitoring device*" or "patient monitoring modem*" or "patient monitoring system" or "patient monitoring systems" or "patient monitoring system module*" or "patient vital sign module*" or "patient vital sign monitoring module*" or Physiodoloris or "physiologic monitor*" or "physiological monitor*" or "Solar 8000i" or "SureSigns Central" or "SureSigns VM1" or "SureSigns VM4" or "SureSigns VM6" or "SureSigns VM8" or "SureSigns VM8SE" or "SureSigns VSV" or Vigeleo or "Vigilance Monitor" or VitalSense)			
S46	(MH "Equipment Alarm Systems")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	1,011
S47	TI (clinical N2 (alarm or alarms)) OR AB (clinical N2 (alarm or alarms))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	168
S48	TI ((equipment or monitor*) N2 (alarm or alarms)) OR AB ((equipment or monitor*) N2 (alarm or alarms))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced	305

			Search Database - CINAHL Ultimate	
S49	TI ("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*") OR AB ("airway pressure monitor*" or "artificial airway tube cuff pressure monitor*" or "tracheal pressure catheter*")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	19
S50	TI ("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor") OR AB ("breathing frequency monitor*" or "6000S respiratory belt sensor" or "6015 respiratory effort belt sensor" or "ANDROFLOW" or "BioHarness" or "Breath-Hold" or "breathing rate monitor*" or "ES-16" or ExSpirom or "Intellivue CL Respiration Pod" or "Kai RSpot 100" or Oxiflow or Renee or "respiR8" or Respons or "RR 9700" or SleepMinder or "Thora-3Di" or "Ultima 0510" or "Ultima 0520" or "Ultima 0522" or "Ultima airflow sensor" or "Ultima SmartBelt" or "Ultra Piezo Respiratory Effort Sensor")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	1,472
S51	TI ("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or	Expanders - Apply equivalent subjects	Interface - EBSCOhost Research	422

	"OptiQ" or "PulsioFlex" or "TDQ") OR AB ("cardiac output monitor*" or "cardiac output units" or "CardioFlo" or "CO-1" or "E-COPSV" or "Enduro" or "HemoSphere Swan-Ganz" or "OptiQ" or "PulsioFlex" or "TDQ")	Search modes - Proximity	Databases Search Screen - Advanced Search Database - CINAHL Ultimate	
S52	TI ("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*") OR AB ("bispectral index monitor*" or "cerebral state index monitor*" or "consciousness monitor*")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	203
S53	TI ("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA) OR AB ("cutaneous carbon dioxide monitor*" or "TCM TOSCA system" or TOSCA)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	68
S54	TI (cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser") OR AB (cutaneous oxygen monitor* or "cutaneous oxygen monitor" or "transcutaneous oxygen analyzer" or "transcutaneous oxygen analyser" or "trans cutaneous oxygen analyzer" or "trans cutaneous oxygen analyser")	Expanders - Apply equivalent subjects Search modes - SmartText Searching	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	192

S55	(MH "Fetal Monitoring+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	3,498
S56	TI ("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring") OR AB ("fetal monitoring" or "foetal monitoring" or "fetus monitoring" or "foetus monitoring")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	1,070
S57	(MH "Cardiotocography")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	844
S58	TI (cardiotocogram* or cardiotocography) OR AB (cardiotocogram* or cardiotocography)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -	526

			CINAHL Ultimate	
S59	TI ("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S39") OR AB ("fetal cardiac monitor*" or "fetal heart rate monitor*" or "foetal cardiac monitor*" or "foetal heart monitor*" or "Monica AN24" or "Monica Novii" or "STAN S31" or "STAN S39")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	377
S60	TI ("fetal pH monitor" or "foetal pH monitor*") OR AB ("fetal pH monitor" or "foetal pH monitor*")	Expanders - Apply equivalent subjects Search modes - SmartText Searching	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	1,808
S61	TI ("drip rate monitor*" or "infusion rate monitor*" or "DripAssist") OR AB ("drip rate monitor*" or "infusion rate monitor*" or "DripAssist")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	4
S62	(MH "Blood Pressure Devices+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced	1,866

			Search Database - CINAHL Ultimate	
S63	TI ("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*") OR AB ("arterial pressure monitor*" or "blood pressure monitor*" or "continuous sphygmomanometer*")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	3,378
S64	TI ("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical") OR AB ("invasive blood pressure monitor*" or "invasive blood pressure module" or "Hemomed Pod" or "MEDEX Logical")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	93
S65	TI ("oxygen monitor*" or "oxygenation monitor*") OR AB ("oxygen monitor*" or "oxygenation monitor*")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	259
S66	TI ("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases	270

	OR AB ("patient vital sign monitor*" or "bedside monitor*" or "bed side monitor*" or "EarlyVue VS30" or "IntelliVue Guardian" or "SureSigns VS2+" or "SureSigns VS4" or "SureSigns VSi")		Search Screen - Advanced Search Database - CINAHL Ultimate	
S67	TI ("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling") OR AB ("respiratory gas monitor*" or "GAS4 module" or "IntelliVue G7m" or "Irma Ax+" or "single-use gas-monitoring" or "single-use gas-sampling")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	7
S68	TI (respirat* monitor*) OR AB (respirat* monitor*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	282
S69	(MH "Blood Gas Monitoring, Transcutaneous")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	633
S70	TI ("cutaneous oximetries" or "cutaneous oximetry" or "ptco2" or "tcpco2" or	Expanders - Apply equivalent subjects	Interface - EBSCOhost	160

	<p>"transcutaneous blood gas monitor*" or "transcutaneous blood gas monitor*" or "transcutaneous capnometries" or "transcutaneous capnometries" or "transcutaneous capnometry" or "transcutaneous capnometry" or "transcutaneous oximetries" or "transcutaneous oximetries" or "transcutaneous oximetry" or "transcutaneous oximetry" "IntelliVue TcG10") OR AB ("cutaneous oximetries" or "cutaneous oximetry" or "ptco2" or "tcpco2" or "transcutaneous blood gas monitor*" or "transcutaneous blood gas monitor*" or "transcutaneous capnometries" or "transcutaneous capnometries" or "transcutaneous capnometry" or "transcutaneous capnometry" or "transcutaneous oximetries" or "transcutaneous oximetries" or "transcutaneous oximetry" or "transcutaneous oximetry" "IntelliVue TcG10")</p>	<p>Search modes - Proximity</p>	<p>Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	
S71	<p>TI ("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*") OR AB ("blood gas monitor*" or "Affinity VARD" or "Bio Trend" or "extracorporeal blood gas/pH monitor*" or "extra corporeal blood gas/pH monitor*")</p>	<p>Expanders - Apply equivalent subjects Search modes - Proximity</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	86
S72	<p>(MH "Oximetry")</p>	<p>Expanders - Apply equivalent subjects Search modes - Proximity</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	2,965

S73	TI (oximetries or oximetry) OR AB (oximetries or oximetry)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	4,120
S74	TI ((clinical or electrocardiographic or "pulse oximetries" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") N2 (alarm or alarms)) OR AB ((clinical or electrocardiographic or "pulse oximetries" or "pulse oximetry" or SpO2 or physiologic or "vital sign" or "vital signs") N2 (alarm or alarms))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	229
S75	TI ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 (alert or alerts)) OR AB ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 (alert or alerts))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	409
S76	TI ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 (monitor or monitors)) OR AB ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 (monitor or monitors))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -	803

			CINAHL Ultimate	
S77	TI ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones")) OR AB ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 ("auditory tone" or "auditory tones" or "pitch tone" or "pitch tones" or "pulse tone" or "pulse tones"))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	3
S78	TI ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 acoustic*) OR AB ((clinical or electrocardiographic or pulse oximetry or SpO2 or physiologic or "vital sign" or "vital signs") N2 acoustic*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	116
S79	(MH "Patients' Rooms+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	2,827
S80	TI ("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms") OR AB ("patient* room*" or "general ward" or "general wards" or "patient ward" or "patient wards" or "private room" or "private rooms")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced	2,520

			Search Database - CINAHL Ultimate	
S81	(MH "Hospital Units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	9,716
S82	(MH "Intensive Care Units+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	79,322
S83	TI ("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units") OR AB ("burn care center*" or "burn care centre*" or "burn care facilit*" or "burn center" or "burn centers" or "burn centre" or "burn centres" or "burn trauma center*" or "burn trauma centre*" or "burn unit" or "burn units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	2,969
S84	TI ("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units") OR AB ("cardiologic unit" or "cardiologic units" or "cardiology unit" or "cardiology units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases	224

			Search Screen - Advanced Search Database - CINAHL Ultimate	
S85	TI ("close attention unit" or "close attention units" or "close attention ward" or "close attention wards") OR AB ("close attention unit" or "close attention units" or "close attention ward" or "close attention wards")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	11,293
S86	TI ("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units") OR AB ("coronary care unit" or "coronary care units" or "coronary unit" or "coronary units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	1,155
S87	TI ("critical care unit" or "critical care units") OR AB ("critical care unit" or "critical care units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	2,822
S88	TI ("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy	Expanders - Apply equivalent subjects	Interface - EBSCOhost	68,370

	units" or "intensive treatment unit" or "intensive treatment units") OR AB ("intensive care unit" or "intensive care units" or "intensive therapy unit" or "intensive therapy units" or "intensive treatment unit" or "intensive treatment units")	Search modes - Proximity	Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	
S89	TI ("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units") OR AB ("neurocritical care unit" or "neurocritical care units" or "neuroicu" or "neuroicus" or "neurointensive care unit" or "neurointensive care units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	365
S90	TI ("respiratory care unit" or "respiratory care units") OR AB ("respiratory care unit" or "respiratory care units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	72
S91	TI ("special care unit" or "special care units") OR AB ("special care unit" or "special care units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	549

S92	TI ("stroke unit" or "stroke units") OR AB ("stroke unit" or "stroke units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	1,808
S93	TI (bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus) OR AB (bicu or bics or ccu or ccus or gicu or gicus or icu or icus or icu's or nicu or nicus or picu or picus or sicu or sicus)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	57,782
S94	TI (pacu or "post anaesthesia care unit" or "post anaesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards") OR AB (pacu or "post anaesthesia care unit" or "post anaesthesia care unit" or "recovery room" or "recovery rooms" or "recovery unit" or "recovery units" or "recovery ward" or "recovery wards")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	3,393
S95	(MH "Respiratory Care Units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -	276

			CINAHL Ultimate	
S96	TI ("respiratory care unit" or "respiratory care units") OR AB ("respiratory care unit" or "respiratory care units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	72
S97	(MH "Hospitals, Psychiatric")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	8,030
S98	(MH "Psychiatric Units")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	3,193
S99	TI ("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced	10,011

	"psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units") OR AB ("mental healthcare" or "mental health unit" or "mental health units" or "mental hospital" or "mental hospitals" or "mental institute*" or "mental institution" or "mental institutions" or "psychiatric center*" or "psychiatric centre*" or "psychiatric clinic" or "psychiatric clinics" or "psychiatric healthcare" or "psychiatric hospital" or "psychiatric hospitals" or "psychiatric institution" or "psychiatric institutions" or "psychiatric unit" or "psychiatric units")		Search Database - CINAHL Ultimate	
S100	(MH "Residential Facilities") OR (MH "Nursing Homes") OR (MH "Skilled Nursing Facilities") OR (MH "Housing for Older Persons")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	39,843
S101	(MH "Long Term Care")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	29,670
S102	TI (residential facilit* or residential institution*) OR AB (residential facilit* or residential institution*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced	792

			Search Database - CINAHL Ultimate	
S103	TI ("assisted living facilit*") OR AB ("assisted living facilit*")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	950
S104	TI ("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*") OR AB ("continuing care retirement center*" or "continuing care retirement centre*" or "geriatric homes" or "home for the elderly" or "homes for the aged" or "housing for the elderly" or "old age home" or "old age homes" or "old people home" or "old people's home" or "residential aged care facilit*" or "retirement center*" or "retirement centre*" or "retirement home" or "retirement homes" or "senior housing" or "senior residence facilit*")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	2,128
S105	TI ("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or "intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*") OR AB ("convalescence home" or "convalescence homes" or "convalescence hospital" or "extended care facilit*" or	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search	8,293

	"intermediate care facilit*" or "long term care facilit*" or "skilled nursing facilit*")		Database - CINAHL Ultimate	
S106	(MH "Nursing Home Patients")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	2
S107	(MH "Secondary Health Care")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	1,186
S108	TI ("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres" or "secondary referral hospital" or "secondary referral hospitals") OR AB ("secondary care center" or "secondary care centers" or "secondary care centre" or "secondary care centres" or "secondary care facilities" or "secondary care facility" or "secondary hospital" or "secondary hospitals" or "secondary referral center" or "secondary referral centers" or "secondary referral centre" or "secondary referral centres")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	495

	centres" or "secondary referral hospital" or "secondary referral hospitals")			
S109	(MH "Tertiary Health Care")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	15,923
S110	TI ("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals") OR AB ("tertiary care center" or "tertiary care centers" or "tertiary care centre" or "tertiary care centres" or "tertiary care facilities" or "tertiary care facility" or "tertiary care hospital" or "tertiary hospital" or "tertiary hospitals" or "tertiary referral center" or "tertiary referral centers" or "tertiary referral centre" or "tertiary referral centres" or "tertiary referral hospital" or "tertiary referral hospitals")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	26,479
S111	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	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	274,217

S112	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 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 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 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 OR S103 OR S104 OR S105 OR S106 OR S107 OR S108 OR S109 OR S110	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	477,811
S113	S111 AND S112	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	34,104
S114	(MH "Noise/PC")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	980
S115	TI ((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or	Expanders - Apply equivalent subjects	Interface - EBSCOhost Research	5,932

	<p>reduc* or remove* or removal or suppress*) N4 (acoustic* or noise or noises or sound or sounds)) OR AB ((abat* or attenuat* or cancel* or control* or damping or decreas* or eliminat* or lower* or minimis* or minimiz* or mitigat* or prevent* or reduc* or remove* or removal or suppress*) N4 (acoustic* or noise or noises or sound or sounds))</p>	<p>Search modes - Proximity</p>	<p>Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	
S116	<p>TI (sensory N1 (lower* or minimis* or minimiz* or reduc*)) OR AB (sensory N1 (lower* or minimis* or minimiz* or reduc*))</p>	<p>Expanders - Apply equivalent subjects Search modes - Proximity</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	378
S117	<p>(MH "Eye Protective Devices")</p>	<p>Expanders - Apply equivalent subjects Search modes - Proximity</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	986
S118	<p>TI ("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks") OR AB ("eye mask" or "eye masks" or "eye shield" or "eye shields" or "eye protection*" or "protect* eye" or "protect* eyes" or "sleep mask" or "sleep masks")</p>	<p>Expanders - Apply equivalent subjects Search modes - Proximity</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	490

S119	<p>TI ((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) N4 (light* or illumination* or bright*))</p> <p>OR AB ((abat* or attenuat* or cancel* or control* or dampen* or decreas* or dim or dims or dimming or dimmed or eliminat* or lower* or minimis* or minimiz* or mitigat* or modif* or prevent* or reduc*) N4 (light* or illumination* or bright*))</p>	<p>Expanders - Apply equivalent subjects</p> <p>Search modes - Proximity</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	3,973
S120	(MH "Ear Protective Devices")	<p>Expanders - Apply equivalent subjects</p> <p>Search modes - Proximity</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	1,164
S121	<p>TI (earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*") OR AB (earplug or earplugs or "ear plug" or "ear plugs" or "ear protect*" or "protect* ear" or "protect* ears" or "hear* protect*" or "protect* hear*")</p>	<p>Expanders - Apply equivalent subjects</p> <p>Search modes - Proximity</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate</p>	1,235
S122	<p>TI (("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") N4 (care or interven*))</p> <p>OR AB (("non pharmacol*" or "nonpharmacol*" or nondrug or "non drug") N4 (care or interven*))</p>	<p>Expanders - Apply equivalent subjects</p> <p>Search modes - Proximity</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -</p>	4,665

			CINAHL Ultimate	
S123	S114 OR S115 OR S116 OR S117 OR S118 OR S119 OR S120 OR S121 OR S122	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	18,100
S124	S113 AND S123	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	1,069
S125	EM 202307-	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Ultimate	412,210
S126	S124 AND S125	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced	100

			Search Database - CINAHL Ultimate	
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