

## Supplementary Information: Search Strategies

### Medline

Ovid MEDLINE(R) 1946 to May 21, 2019

#	Searches	Results
1	exp Pain/	374736
2	Agnosia/	2309
3	exp Arthralgia/	12025
4	exp Back Pain/	36795
5	Breakthrough Pain/	273
6	Catastrophization/	1142
7	Causalgia/	674
8	exp Central Nervous System/ and Pain/	12726
9	exp Central Nervous System/in [Injuries]	9055
10	Chest Pain/	12318
11	exp Chronic Disease/ and Pain/ [Historical search for chronic pain]	10683
12	Chronic Pain/ [MeSH term since 2012]	11902
13	exp Complex Regional Pain Syndromes/	5383
14	exp Diabetic Neuropathies/	21401
15	Dysmenorrhea/	3788
16	Eye Pain/	584
17	Facial Neuralgia/	1240
18	Facial Pain/	6175
19	Fibromyalgia/	7974
20	Flank Pain/	573
21	Glossalgia/	285
22	Headache/	26622
23	exp Headache Disorders/	32685
24	"Hereditary Sensory and Autonomic Neuropathies"/	744
25	exp Herpes Zoster/	11409
26	exp Hyperalgesia/	10919
27	Indifference to Pain, Congenital, Autosomal Recessive/ [Supplementary Concept]	0
28	Labor Pain/	1048
29	Low Back Pain/	20268
30	Mastodynia/	145
31	Metatarsalgia/	256
32	Musculoskeletal Pain/	2703
33	Myalgia/	1392
34	Myofascial Pain Syndromes/	1579

35	Neck Pain/	6455
36	exp Neuralgia/	19085
37	exp Neurons, Afferent/	131369
38	Nociceptive Pain/	680
39	exp Nociceptors/	10778
40	Pain Clinics/	1413
41	Pain Insensitivity, Congenital/	452
42	Pain Management/	30512
43	Pain Measurement/	81145
44	Pain Perception/	2229
45	Pain Threshold/	12359
46	Pain, Intractable/	6109
47	Pain, Postoperative/	36378
48	Pain, Procedural/	210
49	Pain, Referred/	329
50	exp Pain/ and Acute Diseases/ [Historical]	9723
51	exp Pain/ and Chronic Diseases/ [Historical]	21592
52	exp Palliative Care/	50728
53	Paroxysmal Extreme Pain Disorder/ [Supplementary Concept]	0
54	Patellofemoral Pain Syndrome/	809
55	exp Pelvic Pain/	8723
56	Phantom Limb/	1801
57	Pleasure-Pain Principle/	269
58	Prostatitis/	5299
59	Reflex Sympathetic Dystrophy/	3548
60	Shoulder Pain/	4456
61	Somatoform Disorders/	9073
62	Somatosensory Disorders/	1178
63	Temporomandibular Joint Dysfunction Syndrome/	4866
64	Visceral Pain/	540
65	(ache or aches or ached or aching or achy or achiness).mp.	15999
66	(afferent adj2 neuron?).mp.	25689
67	(back? adj2 pain*).mp.	50703
68	(chronic* adj2 headache?).mp.	3272
69	(chronic* adj2 head-ache?).mp.	1
70	(chronic* adj2 migrain*).mp.	1799
71	(chronic* adj3 pain*).mp.	51910
72	(deafferentation adj2 pain*).mp.	295
73	(nerve? adj2 injur*).mp.	29685
74	(neuro* adj2 pain*).mp.	21392
75	(neuropath* adj2 pain*).mp.	17282

76	(pain adj2 low?? adj2 back?).mp.	29020
77	(pain adj5 multiple scleros*).mp.	638
78	(pain or pains or pained or painful*).mp.	607032
79	(pain* adj3 syndrom*).mp.	18406
80	(pelvic adj5 pain*).mp.	10541
81	allodynia*.mp.	7222
82	arthralgi*.mp.	13508
83	causalgia*.mp.	883
84	cephalalgi*.mp.	739
85	cephalgi*.mp.	351
86	chronic noncancer* pain?.mp.	516
87	chronic non-cancer* pain?.mp.	415
88	chronic nonmalignan* pain?.mp.	334
89	chronic non-malignan* pain?.mp.	226
90	colic.mp.	9529
91	dysaesthesi*.mp.	349
92	dysesthesi*.mp.	1733
93	dysmenorrhoea*.mp.	5469
94	dysmenorrhoea*.mp.	974
95	earache?.mp.	1009
96	ear-ache?.mp.	34
97	failed back?.mp.	883
98	glossalgi*.mp.	291
99	Herpes Zoster.mp.	13247
100	hyperalges*.mp.	16279
101	hyperpathi*.mp.	177
102	mastodyni*.mp.	320
103	metatarsalgi*.mp.	745
104	migrain*.mp.	33694
105	neuralgi*.mp.	23894
106	neuropath*.mp.	121766
107	nocicept*.mp.	34807
108	palliat*.mp.	80503
109	paraesthesi*.mp.	1730
110	paresthesi*.mp.	10605
111	phantom limb?.mp.	2095
112	reflex sympathetic dystroph*.mp.	3975
113	sciatic??.mp.	33157
114	shingles.mp.	1093
115	toothache?.mp.	3247
116	tooth-ache?.mp.	32

117	or/1-116 [ Pain & related terms ]	1112455
118	exp Sleep/	74942
119	exp Sleep Wake Disorders/	82822
120	dyssomnia??.mp,kw.	467
121	insomnia*.mp,kw.	16224
122	(sleep* adj2 depriv*).mp,kw.	11123
123	(sleep* adj2 disorder*).mp,kw.	35373
124	parasomnia??.mp,kw.	1268
125	Nocturnal Myoclonus.mp,kw.	689
126	Nocturnal Paroxysmal Dystonia??.mp,kw.	79
127	REM disorder*.mp,kw.	5
128	Restless Leg? Syndrome?.mp,kw.	4148
129	Sleep Bruxism?.mp,kw.	614
130	Subwakefulness*.mp,kw.	4
131	Sub-wakefulness*.mp,kw.	1
132	Sleep Related Neurogenic Tachypn?ea*.mp,kw.	1
133	(Sleep* adj2 Neurogenic Tachypn?ea*).mp,kw.	1
134	Long Sleeper Syndrome?.mp,kw.	0
135	Long Sleep* Syndrome?.mp,kw.	0
136	Short Sleeper Syndrome?.mp,kw.	0
137	Short Sleep* Syndrome?.mp,kw.	0
138	Short Sleep Phenotyp*.mp,kw.	8
139	Short Sleep* Phenotyp*.mp,kw.	12
140	Short* Sleep* Phenotyp*.mp,kw.	12
141	(Sleep* adj2 Fragment*).mp,kw.	1732
142	(Insufficient* adj2 Sleep*).mp,kw.	670
143	(Sleep* adj1 State? adj1 Mispercept*).mp,kw.	36
144	(Sleep* adj1 State? adj1 Misperceiv*).mp,kw.	0
145	(Sleep* adj1 State? adj1 Misperciev*).mp,kw.	0
146	(Posttraumatic adj2 Hypersomnia*).mp,kw.	10
147	(Post-traumatic adj2 Hypersomnia*).mp,kw.	10
148	(Excess* adj2 Somnolence*).mp,kw.	3547
149	hypersomnolen*.mp,kw.	599
150	hyper-somnolen*.mp,kw.	5
151	Hypersomnia*.mp,kw.	1630
152	somnolen*.mp.	7903
153	Kleine-Levin Syndrome?.mp,kw.	335
154	Klein* Levin Syndrome?.mp,kw.	342
155	Kleine Levin Critchley Syndrome?.mp,kw.	6
156	Klein* Levin Critchley Syndrome?.mp,kw.	6
157	Familial Hibernat* Syndrome?.mp,kw.	0

158	(Familial Hibernat* adj2 Syndrome?).mp,kw.	0
159	Narcoleps*.mp,kw.	4559
160	Narcolept*.mp,kw.	977
161	Gelineau Syndrome?.mp,kw.	5
162	Cataplexy.mp,kw.	1754
163	Cataplexies.mp,kw.	14
164	Cataleptic??.mp,kw.	1789
165	Henneberg Syndrome?.mp,kw.	0
166	Cataplexicus.mp,kw.	0
167	Sleep Myoclonus Syndrome?.mp,kw.	0
168	Sleep* Myoclon* Syndrome?.mp.	0
169	(Periodic* adj1 Limb? Movement? adj1 Disorder?).mp,kw.	253
170	"Sleep Initiation and Maintenance Disorders"/	11990
171	Nocturnal Myoclon*.mp,kw.	698
172	exp Sleep Apnea Syndromes/	32907
173	exp Sleep Apnea, Obstructive/ [included under exp Sleep Apnea Syndromes]	18767
174	Sleep Apnea, Central/ [included under exp Sleep Apnea Syndromes]	1305
175	Obesity Hypoventilation Syndrome/ [included under exp Sleep Apnea Syndromes]	779
176	sleep apne*.mp,kw.	36486
177	sleep apnoe*.mp,kw.	5135
178	(upper airway resistanc* adj2 syndrom*).mp,kw.	228
179	obes* hypoventil* syndrome?.mp,kw.	979
180	(obes* hypoventil* adj2 apne*?).mp,kw.	34
181	(obes* hypoventil* adj2 apnoe*?).mp,kw.	11
182	(pickwick* adj1 syndrom*).mp,kw.	335
183	(obstruct* adj2 hypopnea*).mp,kw.	420
184	(obstruct* adj2 hypopnoea*).mp,kw.	62
185	(obstruct* adj2 hypoapnea*).mp,kw.	0
186	(obstruct* adj2 hypoapnoea*).mp,kw.	0
187	(obstruct* adj2 hypo-apnea*).mp,kw.	0
188	(obstruct* adj2 hypo-apnoea*).mp,kw.	0
189	(sleep disorder* adj1 breathing).mp,kw.	5395
190	(sleep adj2 respirat* adj1 disorder*).mp,kw.	266
191	osa.tw.	9918
192	osas.tw.	3564
193	osahs.tw.	1221
194	exp Cheyne Stokes Respiration/	738
195	(cheyne-stokes adj1 breath*).mp,kw.	123
196	(cheyne-stokes adj1 respirat*).mp,kw.	858
197	(hypersomni* adj2 periodic respirat*).mp,kw.	8
198	(hypersomni* adj2 periodic breath*).mp,kw.	11

199	(mixed adj4 apnea*).mp,kw.	238
200	(mixed adj4 apnoea*).mp,kw.	67
201	(central adj4 apnea*).mp,kw.	2586
202	(central adj4 apnoea*).mp,kw.	437
203	apnea-hypopnea*.mp,kw.	7061
204	apnoea-hypopnoea*.mp,kw.	1235
205	apneic-hypopneic*.mp,kw.	13
206	apnoeic-hypopnoeic*.mp,kw.	2
207	(nocturnal adj2 hypoventilation).mp,kw.	202
208	(sleep disorder* adj1 respirat*).mp,kw.	124
209	(nocturnal adj2 hypoxemia).mp,kw.	390
210	apneic.mp,kw.	2354
211	apnoeic.mp,kw.	728
212	hypopneic.mp,kw.	74
213	hypopnoeic.mp,kw.	14
214	(ondine* adj2 curse*).mp,kw. [added Jan 29 2013]	217
215	(ondine* adj2 syndrome*).mp,kw.	81
216	(haddad* adj1 syndrom*).mp,kw.	26
217	(primary adj2 alveolar adj2 hypoventil*).mp,kw.	67
218	(primary adj2 alveolar hypoventil*).mp,kw.	69
219	csas.tw. [Central Sleep Apnea Syndrome]	629
220	cahs.tw. [central alveolar hypoventilation syndrome]	197
221	ccaahs.tw. [congenital central alveolar hypoventilation syndrome]	3
222	ccaah.tw. [congenital central alveolar hypoventilation ]	7
223	central alveolar hypoventilation syndrome*.mp,kw.	43
224	(high* altitud* adj2 (period* adj2 breath*)).mp,kw.	11
225	sleep apnea syndromes/ [historical]	14033
226	apnea/ and sleep/ [historical]	265
227	apnea/ and (hypoventilation/ or sleep disorders/) [historical]	215
228	upper airway* resistan* syndrom*.mp,kw.	239
229	(apn?ea adj1 attack*).mp,kw.	36
230	(apn?ea adj1 index*).mp,kw.	944
231	(apn?ea adj1 indices*).mp,kw.	67
232	(apn?ea adj1 monitor*).mp,kw.	277
233	(sleep* adj2 hypopn?ea*).mp,kw.	2168
234	(sleep* or slept).mp.	169830
235	circadian*.mp.	81384
236	exp Sleep/	74942
237	or/118-236 [ Sleep / Sleep Disorders & related terms ]	257467
238	117 and 237 [ Pain + Sleep ]	23754
239	Actigraphy/	3150

240	Telemedicine/	19411
241	(acceler* adj2 sensor?).mp.	505
242	(activity adj3 monitor*).mp.	12305
243	(fitness adj2 tracker?).mp.	298
244	(mobile adj2 system?).mp.	1516
245	(mobile adj2 technolog*).mp.	1801
246	motion log*4.mp.	11
247	(motion-monitor*3 or motion monitor*3).mp.	213
248	(record* adj2 sleep* adj2 paramet*4).mp.	23
249	(record* adj2 sleep*3 adj2 activit*).mp.	46
250	(sleep adj2 (data or datum)).mp.	1307
251	(sleep adj2 (sensor or sensors or sensing)).mp.	30
252	(sleep adj2 measur*).mp.	4075
253	(sleep adj2 tracker*).mp.	12
254	(wearable* adj2 sensor?).mp.	1279
255	Acceleromet*.mp.	12320
256	actigram*.mp.	13
257	actigraph*.mp.	6061
258	actimet*.mp.	252
259	actomet*.mp.	145
260	mhealth.mp.	1640
261	microacceleromet*.mp.	15
262	miniacceleromet*.mp.	0
263	motionlog*4.mp.	32
264	telemedicine.mp.	21733
265	tele-medicine.mp.	85
266	or/239-265 [ Actigraphy & related terms ]	57979
267	238 and 266 [ Pain + Sleep + Actigraphy ]	597
268	limit 267 to english language	586
269	exp animals/ not (exp animals/ and exp humans/)	4581973
270	268 not 269	557
271	limit 268 to humans	556
272	270 or 271	557
273	remove duplicates from 272	557

## Medline In-Process

Ovid MEDLINE(R) Epub Ahead of Print and In-Process & Other Non-Indexed Citations May 21, 2019

#	Searches	Results
1	exp Pain/	0
2	Agnosia/	0

3	exp Arthralgia/	0
4	exp Back Pain/	0
5	Breakthrough Pain/	0
6	Catastrophization/	0
7	Causalgia/	0
8	exp Central Nervous System/ and Pain/	0
9	exp Central Nervous System/in [Injuries]	0
10	Chest Pain/	0
11	exp Chronic Disease/ and Pain/ [Historical search for chronic pain]	0
12	Chronic Pain/ [MeSH term since 2012]	0
13	exp Complex Regional Pain Syndromes/	0
14	exp Diabetic Neuropathies/	0
15	Dysmenorrhea/	0
16	Eye Pain/	0
17	Facial Neuralgia/	0
18	Facial Pain/	0
19	Fibromyalgia/	0
20	Flank Pain/	0
21	Glossalgia/	0
22	Headache/	0
23	exp Headache Disorders/	0
24	"Hereditary Sensory and Autonomic Neuropathies"/	0
25	exp Herpes Zoster/	0
26	exp Hyperalgesia/	0
27	Indifference to Pain, Congenital, Autosomal Recessive/ [Supplementary Concept]	0
28	Labor Pain/	0
29	Low Back Pain/	0
30	Mastodynia/	0
31	Metatarsalgia/	0
32	Musculoskeletal Pain/	0
33	Myalgia/	0
34	Myofascial Pain Syndromes/	0
35	Neck Pain/	0
36	exp Neuralgia/	0
37	exp Neurons, Afferent/	0
38	Nociceptive Pain/	0
39	exp Nociceptors/	0
40	Pain Clinics/	0
41	Pain Insensitivity, Congenital/	0
42	Pain Management/	0
43	Pain Measurement/	0



44	Pain Perception/	0
45	Pain Threshold/	0
46	Pain, Intractable/	0
47	Pain, Postoperative/	0
48	Pain, Procedural/	0
49	Pain, Referred/	0
50	exp Pain/ and Acute Diseases/ [Historical]	0
51	exp Pain/ and Chronic Diseases/ [Historical]	0
52	exp Palliative Care/	0
53	Paroxysmal Extreme Pain Disorder/ [Supplementary Concept]	0
54	Patellofemoral Pain Syndrome/	0
55	exp Pelvic Pain/	0
56	Phantom Limb/	0
57	Pleasure-Pain Principle/	0
58	Prostatitis/	0
59	Reflex Sympathetic Dystrophy/	0
60	Shoulder Pain/	0
61	Somatoform Disorders/	0
62	Somatosensory Disorders/	0
63	Temporomandibular Joint Dysfunction Syndrome/	0
64	Visceral Pain/	0
65	(ache or aches or ached or aching or achy or achiness).mp.	1806
66	(afferent adj2 neuron?).mp.	214
67	(back? adj2 pain*).mp.	7138
68	(chronic* adj2 headache?).mp.	438
69	(chronic* adj2 head-ache?).mp.	0
70	(chronic* adj2 migrain*).mp.	400
71	(chronic* adj3 pain*).mp.	10071
72	(deafferentation adj2 pain*).mp.	17
73	(nerve? adj2 injur*).mp.	3355
74	(neuro* adj2 pain*).mp.	3995
75	(neuropath* adj2 pain*).mp.	3321
76	(pain adj2 low?? adj2 back?).mp.	4625
77	(pain adj5 multiple scleros*).mp.	101
78	(pain or pains or pained or painful*).mp.	87367
79	(pain* adj3 syndrom*).mp.	2591
80	(pelvic adj5 pain*).mp.	1534
81	allodynia*.mp.	987
82	arthralgi*.mp.	854
83	causalgia*.mp.	44
84	cephalalgi*.mp.	93

85	cephalgi*.mp.	34
86	chronic noncancer* pain?.mp.	130
87	chronic non-cancer* pain?.mp.	115
88	chronic nonmalignan* pain?.mp.	51
89	chronic non-malignan* pain?.mp.	44
90	colic.mp.	942
91	dysaesthesi*.mp.	22
92	dysesthesi*.mp.	214
93	dysmenorrhoea*.mp.	595
94	dysmenorrhoea*.mp.	146
95	earache?.mp.	59
96	ear-ache?.mp.	8
97	failed back?.mp.	214
98	glossalgi*.mp.	4
99	Herpes Zoster.mp.	990
100	hyperalges*.mp.	1324
101	hyperpathi*.mp.	9
102	mastodyn*.mp.	14
103	metatarsalgi*.mp.	51
104	migrain*.mp.	3649
105	neuralgi*.mp.	1717
106	neuropath*.mp.	14392
107	nocicept*.mp.	2853
108	palliat*.mp.	9940
109	paraesthesi*.mp.	228
110	paresthesi*.mp.	1032
111	phantom limb?.mp.	224
112	reflex sympathetic dystroph*.mp.	97
113	sciatic??.mp.	2441
114	shingles.mp.	168
115	toothache?.mp.	177
116	tooth-ache?.mp.	20
117	or/1-116 [ Pain & related terms ]	118031
118	exp Sleep/	0
119	exp Sleep Wake Disorders/	0
120	dysomnia??.mp,kw.	16
121	insomnia*.mp,kw.	3170
122	(sleep* adj2 depriv*).mp,kw.	943
123	(sleep* adj2 disorder*).mp,kw.	3636
124	parasomnia??.mp,kw.	201
125	Nocturnal Myoclonus.mp,kw.	2

126	Nocturnal Paroxysmal Dystonia?? .mp,kw.	3
127	REM disorder* .mp,kw.	1
128	Restless Leg? Syndrome? .mp,kw.	651
129	Sleep Bruxism? .mp,kw.	106
130	Subwakefulness* .mp,kw.	0
131	Sub-wakefulness* .mp,kw.	0
132	Sleep Related Neurogenic Tachypn?ea* .mp,kw.	0
133	(Sleep* adj2 Neurogenic Tachypn?ea*) .mp,kw.	0
134	Long Sleeper Syndrome? .mp,kw.	0
135	Long Sleep* Syndrome? .mp,kw.	0
136	Short Sleeper Syndrome? .mp,kw.	0
137	Short Sleep* Syndrome? .mp,kw.	0
138	Short Sleep Phenotyp* .mp,kw.	3
139	Short Sleep* Phenotyp* .mp,kw.	3
140	Short* Sleep* Phenotyp* .mp,kw.	3
141	(Sleep* adj2 Fragment*) .mp,kw.	299
142	(Insufficient* adj2 Sleep*) .mp,kw.	170
143	(Sleep* adj1 State? adj1 Mispercept*) .mp,kw.	10
144	(Sleep* adj1 State? adj1 Misperceiv*) .mp,kw.	0
145	(Sleep* adj1 State? adj1 Misperciev*) .mp,kw.	0
146	(Posttraumatic adj2 Hypersomnia*) .mp,kw.	0
147	(Post-traumatic adj2 Hypersomnia*) .mp,kw.	0
148	(Excess* adj2 Somnolence*) .mp,kw.	57
149	hypersomnolen* .mp,kw.	86
150	hyper-somnolen* .mp,kw.	3
151	Hypersomnia* .mp,kw.	232
152	somnolen* .mp.	636
153	Kleine-Levin Syndrome? .mp,kw.	47
154	Klein* Levin Syndrome? .mp,kw.	48
155	Kleine Levin Critchley Syndrome? .mp,kw.	0
156	Klein* Levin Critchley Syndrome? .mp,kw.	0
157	Familial Hibernat* Syndrome? .mp,kw.	0
158	(Familial Hibernat* adj2 Syndrome?) .mp,kw.	0
159	Narcoleps* .mp,kw.	505
160	Narcolept* .mp,kw.	75
161	Gelineau Syndrome? .mp,kw.	0
162	Cataplexy .mp,kw.	185
163	Cataplexies .mp,kw.	1
164	Cataleptic?? .mp,kw.	36
165	Henneberg Syndrome? .mp,kw.	0
166	Cataplexicus .mp,kw.	0

167	Sleep Myoclonus Syndrome?.mp,kw.	0
168	Sleep* Myoclon* Syndrome?.mp.	0
169	(Periodic* adj1 Limb? Movement? adj1 Disorder?).mp,kw.	45
170	"Sleep Initiation and Maintenance Disorders"/	0
171	Nocturnal Myoclon*.mp,kw.	2
172	exp Sleep Apnea Syndromes/	0
173	exp Sleep Apnea, Obstructive/ [included under exp Sleep Apnea Syndromes]	0
174	Sleep Apnea, Central/ [included under exp Sleep Apnea Syndromes]	0
175	Obesity Hypoventilation Syndrome/ [included under exp Sleep Apnea Syndromes]	0
176	sleep apne*.mp,kw.	4139
177	sleep apnoe*.mp,kw.	693
178	(upper airway resistan* adj2 syndrom*).mp,kw.	30
179	obes* hypoventil* syndrome?.mp,kw.	76
180	(obes* hypoventil* adj2 apne*?).mp,kw.	10
181	(obes* hypoventil* adj2 apnoe*?).mp,kw.	2
182	(pickwick* adj1 syndrom*).mp,kw.	9
183	(obstruct* adj2 hypopnea*).mp,kw.	91
184	(obstruct* adj2 hypopnoea*).mp,kw.	9
185	(obstruct* adj2 hypoapnea*).mp,kw.	0
186	(obstruct* adj2 hypoapnoea*).mp,kw.	0
187	(obstruct* adj2 hypo-apnea*).mp,kw.	0
188	(obstruct* adj2 hypo-apnoea*).mp,kw.	0
189	(sleep disorder* adj1 breathing).mp,kw.	917
190	(sleep adj2 respirat* adj1 disorder*).mp,kw.	30
191	osa.tw.	2269
192	osas.tw.	405
193	osahs.tw.	126
194	exp Cheyne Stokes Respiration/	0
195	(cheyne-stokes adj1 breath*).mp,kw.	14
196	(cheyne-stokes adj1 respirat*).mp,kw.	52
197	(hypersomni* adj2 periodic respirat*).mp,kw.	0
198	(hypersomni* adj2 periodic breath*).mp,kw.	0
199	(mixed adj4 apnea*).mp,kw.	22
200	(mixed adj4 apnoea*).mp,kw.	3
201	(central adj4 apnea*).mp,kw.	245
202	(central adj4 apnoea*).mp,kw.	38
203	apnea-hypopnea*.mp,kw.	1111
204	apnoea-hypopnoea*.mp,kw.	137
205	apneic-hypopneic*.mp,kw.	1
206	apnoeic-hypopnoeic*.mp,kw.	0
207	(nocturnal adj2 hypoventilation).mp,kw.	22

208	(sleep disorder* adj1 respirat*).mp,kw.	29
209	(nocturnal adj2 hypoxemia).mp,kw.	54
210	apneic.mp,kw.	179
211	apnoeic.mp,kw.	56
212	hypopneic.mp,kw.	6
213	hypopnoeic.mp,kw.	1
214	(ondine* adj2 curse*).mp,kw. [added Jan 29 2013]	9
215	(ondine* adj2 syndrome*).mp,kw.	2
216	(haddad* adj1 syndrom*).mp,kw.	2
217	(primary adj2 alveolar adj2 hypoventil*).mp,kw.	0
218	(primary adj2 alveolar hypoventil*).mp,kw.	0
219	csas.tw. [Central Sleep Apnea Syndrome]	145
220	cahs.tw. [central alveolar hypoventilation syndrome]	18
221	ccaahs.tw. [congenital central alveolar hypoventilation syndrome]	3
222	ccah.tw. [congenital central alveolar hypoventilation ]	0
223	central alveolar hypoventilation syndrome*.mp,kw.	3
224	(high* altitud* adj2 (period* adj2 breath*)).mp,kw.	3
225	sleep apnea syndromes/ [historical]	0
226	apnea/ and sleep/ [historical]	0
227	apnea/ and (hypoventilation/ or sleep disorders/) [historical]	0
228	upper airway* resistan* syndrom*.mp,kw.	31
229	(apn?ea adj1 attack*).mp,kw.	3
230	(apn?ea adj1 index*).mp,kw.	67
231	(apn?ea adj1 indices*).mp,kw.	8
232	(apn?ea adj1 monitor*).mp,kw.	20
233	(sleep* adj2 hypopn?ea*).mp,kw.	233
234	(sleep* or slept).mp.	22028
235	circadian*.mp.	4805
236	exp Sleep/	0
237	or/118-236 [ Sleep / Sleep Disorders & related terms ]	28554
238	117 and 237 [ Pain + Sleep ]	3012
239	Actigraphy/	0
240	Telemedicine/	0
241	(acceler* adj2 sensor?).mp.	165
242	(activity adj3 monitor*).mp.	1722
243	(fitness adj2 tracker?).mp.	84
244	(mobile adj2 system?).mp.	430
245	(mobile adj2 technolog*).mp.	918
246	motion log*4.mp.	3
247	(motion-monitor*3 or motion monitor*3).mp.	69
248	(record* adj2 sleep* adj2 paramet*4).mp.	5

249	(record* adj2 sleep*3 adj2 activit*).mp.	4
250	(sleep adj2 (data or datum)).mp.	227
251	(sleep adj2 (sensor or sensors or sensing)).mp.	10
252	(sleep adj2 measur*).mp.	769
253	(sleep adj2 tracker*).mp.	10
254	(wearable* adj2 sensor?).mp.	771
255	Acceleromet*.mp.	3081
256	actigram*.mp.	5
257	actigraph*.mp.	1089
258	actimet*.mp.	26
259	actomet*.mp.	9
260	mhealth.mp.	1684
261	microacceleromet*.mp.	4
262	miniacceleromet*.mp.	0
263	motionlog*4.mp.	1
264	telemedicine.mp.	2173
265	tele-medicine.mp.	25
266	or/239-265 [ Actigraphy & related terms ]	11416
267	238 and 266 [ Pain + Sleep + Actigraphy ]	119
268	limit 267 to english language	118

## Embase

Embase Classic+Embase 1947 to 2019 May 21

#	Searches	Results
1	Chronic Pain/ [MeSH term since 2012; Embase from 1974]	55813
2	exp "headache and facial pain"/ [Embase]	297701
3	exp Arthralgia/	57399
4	exp Back Pain/	104876
5	exp Central Nervous System/ and exp Pain/	100525
6	exp complex regional pain syndrome/ [Embase]	9698
7	exp Complex Regional Pain Syndromes/	9698
8	exp diabetic neuropathies/	23428
9	exp Headache Disorders/	297701
10	exp Hyperalgesia/	19594
11	exp migraine/	61836
12	exp neuralgia/	107050
13	exp nerve injury/	67382
14	exp Nociceptors/	2547
15	exp Palliative care/	105589

16	exp palliative therapy/ [Embase]	105589
17	exp Pelvic Pain/	18006
18	Causalgia/	1250
19	discogenic pain/ [Embase]	604
20	failed back surgery syndrome/ [Embase]	1558
21	Glossalgia/	479
22	glossodynia/ [Embase]	543
23	headache/ [Embase]	210282
24	low back pain/ [Embase]	55409
25	mastalgia/ [Embase]	5333
26	Mastodynia/	3601
27	Metatarsalgia/	1313
28	Neurons, Afferent/	22963
29	pain measurement/ [Embase]	6430
30	pain parameters/ [Embase]	1004
31	pain receptor/ [Embase]	2547
32	pain severity/ [Embase]	6597
33	pelvis pain syndrome/ [Embase]	12460
34	piriformis syndrome/ [Embase]	194
35	Reflex Sympathetic Dystrophy/	2595
36	sensory neuropathy/ [Embase]	9798
37	sensory nerve cell/	22963
38	(afferent adj2 neuron?).mp,kw.	4175
39	(back? adj2 pain*).mp,kw.	87539
40	(chronic* adj2 headache?).mp,kw.	7239
41	(chronic* adj2 head-ache?).mp,kw.	5
42	(chronic* adj2 migrain*).mp,kw.	4601
43	(chronic* adj3 pain*).mp,kw.	104254
44	(damag* adj2 nerve?).mp,kw.	10856
45	(deafferentation adj2 pain*).mp,kw.	459
46	(nerve? adj2 injur*).mp,kw.	58540
47	(neuro* adj2 pain*).mp,kw.	47704
48	(neuroma or neuromas).mp,kw.	13155
49	(neuropath* adj2 pain*).mp,kw.	40996
50	(pain or pains or pained or painful*).mp,kw.	1259061
51	(pain* adj2 low?? adj2 back?).mp,kw.	63012
52	(pain* adj3 syndrom*).mp,kw.	44260
53	(pain* adj5 multiple scleros*).mp,kw.	1396
54	(pelvic adj5 pain*).mp,kw.	20145
55	allodynia*.mp,kw.	15245
56	amputat*.mp,kw.	76431

57	arthralgi*.mp,kw.	61317
58	causalgia*.mp,kw.	1530
59	cephalalgi*.mp,kw.	1890
60	cephalgi*.mp,kw.	704
61	chronic noncancer* pain?.mp,kw.	831
62	chronic non-cancer* pain?.mp,kw.	1011
63	chronic nonmalignan* pain?.mp,kw.	532
64	chronic non-malignan* pain?.mp,kw.	473
65	coccydyni*.mp,kw.	193
66	colic.mp,kw.	20052
67	dysaesthesia*.mp,kw.	606
68	dysesthesia*.mp,kw.	5974
69	dysmenorrhoea*.mp,kw.	13545
70	dysmenorrhoea*.mp,kw.	2256
71	earache?.mp,kw.	687
72	ear-ache?.mp,kw.	78
73	failed back?.mp,kw.	2353
74	glossalgi*.mp,kw.	87
75	herpes zoster.mp,kw.	28197
76	hyperalges*.mp,kw.	23699
77	hyperalgi*.mp,kw.	199
78	hyperpathi*.mp,kw.	306
79	ischialgia*.mp,kw.	6967
80	mastodyni*.mp,kw.	374
81	meralgi*.mp,kw.	998
82	metarsalgi*.mp,kw.	3
83	metatarsalgi*.mp,kw.	1707
84	migrain*.mp,kw.	68898
85	neuralgi*.mp,kw.	33335
86	neuropath*.mp,kw.	308230
87	nocicept*.mp,kw.	68859
88	pain receptor?.mp,kw.	2740
89	palliat*.mp,kw.	152801
90	paraesthesia*.mp,kw.	4235
91	paresthesia*.mp,kw.	52060
92	phantom limb?.mp,kw.	2233
93	polyneuropath*.mp,kw.	30563
94	polyradiculopath*.mp,kw.	612
95	postamputat*.mp,kw.	352
96	proctalgia*.mp,kw.	589
97	radicular pain?.mp,kw.	5276



98	reflex sympathetic dystroph*.mp,kw.	2422
99	sciatic?.mp,kw.	44212
100	sensory neuropath*.mp,kw.	22097
101	shingles.mp,kw.	1972
102	SUNCT syndrome?.mp,kw.	581
103	sympathetically maintained pain?.mp,kw.	344
104	tarsal tunnel syndrome?.mp,kw.	1201
105	thorax outlet syndrome?.mp,kw.	3398
106	toothache?.mp,kw.	1724
107	tooth-ache?.mp,kw.	86
108	or/1-107 [ Pain ]	2120399
109	exp sleep disorder/ [Embase]	221245
110	dysomnia??.mp,kw.	225
111	insomni*.mp.	70735
112	(sleep* adj2 depriv*).mp,kw.	18511
113	(sleep* adj2 disorder*).mp,kw.	113238
114	parasomnia??.mp,kw.	6594
115	Nocturnal Myoclonus.mp,kw.	152
116	Nocturnal Paroxysmal Dystonia??.mp,kw.	70
117	REM disorder*.mp,kw.	13
118	Restless Leg? Syndrome?.mp,kw.	9914
119	Sleep Bruxism?.mp,kw.	712
120	Subwakefulness*.mp,kw.	4
121	Sub-wakefulness*.mp,kw.	1
122	Sleep Related Neurogenic Tachypn?ea*.mp,kw.	1
123	(Sleep* adj2 Neurogenic Tachypn?ea*).mp,kw.	1
124	Long Sleeper Syndrome?.mp,kw.	1
125	Long Sleep* Syndrome?.mp,kw.	2
126	Short Sleeper Syndrome?.mp,kw.	3
127	Short Sleep* Syndrome?.mp,kw.	4
128	Short Sleep Phenotyp*.mp,kw.	20
129	Short Sleep* Phenotyp*.mp,kw.	25
130	Short* Sleep* Phenotyp*.mp,kw.	25
131	(Sleep* adj2 Fragment*).mp,kw.	3700
132	(Insufficient* adj2 Sleep*).mp,kw.	1422
133	(Sleep* adj1 State? adj1 Mispercept*).mp,kw.	90
134	(Sleep* adj1 State? adj1 Misperceiv*).mp,kw.	0
135	(Sleep* adj1 State? adj1 Misperciev*).mp,kw.	0
136	(Posttraumatic adj2 Hypersomnia*).mp,kw.	19
137	(Post-traumatic adj2 Hypersomnia*).mp,kw.	16
138	(Excess* adj2 Somnolence*).mp,kw.	790

139	hypersomnolen*.mp,kw.	1058
140	hyper-somnolen*.mp,kw.	25
141	Hypersomnia*.mp,kw.	4987
142	Kleine-Levin Syndrome?.mp,kw.	527
143	Klein* Levin Syndrome?.mp,kw.	545
144	Kleine Levin Critchley Syndrome?.mp,kw.	7
145	Klein* Levin Critchley Syndrome?.mp,kw.	7
146	Familial Hibernat* Syndrome?.mp,kw.	0
147	(Familial Hibernat* adj2 Syndrome?).mp,kw.	0
148	Narcoleps*.mp,kw.	9682
149	Narcolept*.mp,kw.	1682
150	Gelineau Syndrome?.mp,kw.	9
151	Cataplexy.mp,kw.	3823
152	Cataplexies.mp,kw.	32
153	Cataleptic??.mp,kw.	1046
154	Henneberg Syndrome?.mp,kw.	0
155	Cataplexicus.mp,kw.	0
156	Sleep Myoclonus Syndrome?.mp,kw.	0
157	Sleep* Myoclon* Syndrome?.mp.	0
158	(Periodic* adj1 Limb? Movement? adj1 Disorder?).mp,kw.	2538
159	Nocturnal Myoclon*.mp,kw.	166
160	exp sleep disordered breathing/	43605
161	sleep apne*.mp,kw.	61187
162	sleep apnoe*.mp,kw.	10090
163	(upper airway resistan* adj2 syndrom*).mp,kw.	549
164	obes* hypoventil* syndrome?.mp,kw.	1937
165	(obes* hypoventil* adj2 apne*?).mp,kw.	71
166	(obes* hypoventil* adj2 apnoe*?).mp,kw.	19
167	(pickwick* adj1 syndrom*).mp,kw.	507
168	(obstruct* adj2 hypopnea*).mp,kw.	740
169	(obstruct* adj2 hypopnoea*).mp,kw.	157
170	(obstruct* adj2 hypoapnea*).mp,kw.	2
171	(obstruct* adj2 hypoapnoea*).mp,kw.	1
172	(obstruct* adj2 hypo-apnea*).mp,kw.	0
173	(obstruct* adj2 hypo-apnoea*).mp,kw.	0
174	(sleep disorder* adj1 breathing).mp,kw.	43735
175	(sleep adj2 respirat* adj1 disorder*).mp,kw.	484
176	osa.tw.	24271
177	osas.tw.	6792
178	osahs.tw.	1858
179	(cheyne-stokes adj1 breath*).mp,kw.	1673

180	(cheyne-stokes adj1 respirat*).mp,kw.	1013
181	(hypersomni* adj2 periodic respirat*).mp,kw.	14
182	(hypersomni* adj2 periodic breath*).mp,kw.	23
183	(mixed adj4 apnea*).mp,kw.	428
184	(mixed adj4 apnoea*).mp,kw.	92
185	(central adj4 apnea*).mp,kw.	4830
186	(central adj4 apnoea*).mp,kw.	800
187	apnea-hypopnea*.mp,kw.	18183
188	apnoea-hypopnoea*.mp,kw.	2175
189	apneic-hypopneic*.mp,kw.	22
190	apnoeic-hypopnoeic*.mp,kw.	5
191	(nocturnal adj2 hypoventilation).mp,kw.	431
192	(sleep disorder* adj1 respirat*).mp,kw.	177
193	(nocturnal adj2 hypoxemia).mp,kw.	752
194	apneic.mp,kw.	3720
195	apnoeic.mp,kw.	1268
196	hypopneic.mp,kw.	121
197	hypopnoeic.mp,kw.	30
198	(ondine* adj2 curse*).mp,kw.	335
199	(ondine* adj2 syndrome*).mp,kw.	172
200	(haddad* adj1 syndrom*).mp,kw.	41
201	(primary adj2 alveolar adj2 hypoventil*).mp,kw.	109
202	(primary adj2 alveolar hypoventil*).mp,kw.	112
203	csas.tw. [Central Sleep Apnea Syndrome]	979
204	cahs.tw. [central alveolar hypoventilation syndrome]	253
205	ccaahs.tw. [congenital central alveolar hypoventilation syndrome]	5
206	ccaah.tw. [congenital central alveolar hypoventilation ]	15
207	central alveolar hypoventilation syndrome*.mp,kw.	62
208	(high* altitud* adj2 (period* adj2 breath*)).mp,kw.	25
209	upper airway* resistan* syndrom*.mp,kw.	570
210	(apn?ea adj1 attack*).mp,kw.	133
211	(apn?ea adj1 index*).mp,kw.	1821
212	(apn?ea adj1 indices*).mp,kw.	111
213	(apn?ea adj1 monitor*).mp,kw.	2796
214	(sleep* adj2 hypopn?ea*).mp,kw.	3263
215	exp sleep/	233263
216	somnolen*.mp.	53726
217	sleep*.mp.	313071
218	slept.mp.	4708
219	circadian.mp.	102681
220	or/109-219 [ Sleep/Sleep Disorders ]	503187

221	108 and 220 [ Pain + Sleep ]	98952
222	Actigraphy/	7282
223	Telemedicine/	20723
224	(acceler* adj2 sensor?).mp.	884
225	(activity adj3 monitor*).mp.	19321
226	(fitness adj2 tracker?).mp.	149
227	(mobile adj2 system?).mp.	2562
228	(mobile adj2 technolog*).mp.	3367
229	motion log*4.mp.	26
230	(motion-monitor*3 or motion monitor*3).mp.	416
231	(record* adj2 sleep* adj2 paramet*4).mp.	57
232	(record* adj2 sleep*3 adj2 activit*).mp.	73
233	(sleep adj2 (data or datum)).mp.	3051
234	(sleep adj2 (sensor or sensors or sensing)).mp.	73
235	(sleep adj2 measur*).mp.	8149
236	(sleep adj2 tracker*).mp.	45
237	(wearable* adj2 sensor?).mp.	2373
238	Acceleromet*.mp.	20826
239	actigram*.mp.	24
240	actigraph*.mp.	10134
241	actimet*.mp.	8318
242	actomet*.mp.	216
243	mhealth.mp.	2976
244	microacceleromet*.mp.	22
245	miniacceleromet*.mp.	0
246	motionlog*4.mp.	120
247	actimetry/ [ Embase ]	8040
248	telemedicine/	20723
249	telemonitoring/	2625
250	or/222-249 [ Actigraphy or Actimetry & related terms ]	87649
251	221 and 250 [ Pain + Sleep + Actigraphy ]	1661
252	limit 251 to english language	1637
253	limit 252 to (conference abstract status or (books or chapter or conference abstract or "conference review") or (book or book series or conference proceeding))	596
254	252 not 253	1041
255	(exp animals/ or exp animal experimentation/ or nonhuman/) not ((exp animals/ or exp animal experimentation/ or nonhuman/) and exp human/)	6985240
256	254 not 255	1019
257	limit 254 to human	1012
258	256 or 257	1019
259	remove duplicates from 258	1008

# CCTR

## Cochrane Central Register of Controlled Trials 2014 to Present

#	Searches	Results
1	Chronic Pain/ [MeSH term since 2012; Embase from 1974]	1760
2	exp Arthralgia/	1509
3	exp Back Pain/	4203
4	exp Central Nervous System/ and exp Pain/	596
5	exp Complex Regional Pain Syndromes/	262
6	exp diabetic neuropathies/	1753
7	exp Headache Disorders/	2883
8	exp Hyperalgesia/	564
9	exp Migraine Disorders/	2307
10	exp neuralgia/	1356
11	exp Nociceptors/	191
12	exp Palliative care/	1457
13	exp Palliative Care/ [Embase]	1457
14	exp Pelvic Pain/	965
15	Causalgia/	18
16	discogenic pain/ [Embase]	0
17	failed back surgery syndrome/ [Embase]	44
18	Glossalgia/	7
19	glossodynia/ [Embase]	7
20	headache/ [Embase]	2150
21	low back pain/ [Embase]	3185
22	mastalgia/ [Embase]	44
23	Mastodynia/	44
24	Metatarsalgia/	7
25	Neurons, Afferent/	170
26	pain measurement/ [Embase]	20019
27	pain parameters/ [Embase]	0
28	pain receptor/ [Embase]	191
29	pain severity/ [Embase]	0
30	pelvis pain syndrome/ [Embase]	0
31	piriformis syndrome/ [Embase]	6
32	Reflex Sympathetic Dystrophy/	192
33	sensory neuropathy/ [Embase]	0
34	sensory nerve cell/	0
35	(afferent adj2 neuron?).mp,kw.	197
36	(back? adj2 pain*).mp,kw.	12582
37	(chronic* adj2 headache?).mp,kw.	771

38	(chronic* adj2 head-ache?).mp,kw.	0
39	(chronic* adj2 migrain*).mp,kw.	777
40	(chronic* adj3 pain*).mp,kw.	15018
41	(damag* adj2 nerve?).mp,kw.	605
42	(deafferentation adj2 pain*).mp,kw.	24
43	(nerve? adj2 injur*).mp,kw.	1459
44	(neuro* adj2 pain*).mp,kw.	5293
45	(neuroma or neuromas).mp,kw.	218
46	(neuropath* adj2 pain*).mp,kw.	3520
47	(pain or pains or pained or painful*).mp,kw.	158592
48	(pain* adj2 low?? adj2 back?).mp,kw.	9379
49	(pain* adj3 syndrom*).mp,kw.	4634
50	(pain* adj5 multiple scleros*).mp,kw.	259
51	(pelvic adj5 pain*).mp,kw.	1979
52	allodynia*.mp,kw.	662
53	amputat*.mp,kw.	2573
54	arthralgi*.mp,kw.	5010
55	causalgia*.mp,kw.	38
56	cephalalgi*.mp,kw.	51
57	cephalgi*.mp,kw.	22
58	chronic noncancer* pain?.mp,kw.	103
59	chronic non-cancer* pain?.mp,kw.	119
60	chronic nonmalignan* pain?.mp,kw.	52
61	chronic non-malignan* pain?.mp,kw.	70
62	coccydyni*.mp,kw.	22
63	colic.mp,kw.	1395
64	dysaesthesia*.mp,kw.	26
65	dysesthesia*.mp,kw.	255
66	dysmenorrhoea*.mp,kw.	1866
67	dysmenorrhoea*.mp,kw.	373
68	earache?.mp,kw.	81
69	ear-ache?.mp,kw.	2
70	failed back?.mp,kw.	249
71	glossalgi*.mp,kw.	7
72	herpes zoster.mp,kw.	1827
73	hyperalges*.mp,kw.	1559
74	hyperalgi*.mp,kw.	6
75	hyperpathi*.mp,kw.	7
76	ischialgia*.mp,kw.	173
77	mastodyni*.mp,kw.	101
78	meralgi*.mp,kw.	26

79	metarsalgi*.mp,kw.	0
80	metatarsalgi*.mp,kw.	46
81	migrain*.mp,kw.	6283
82	neuralgi*.mp,kw.	2547
83	neuropath*.mp,kw.	12904
84	nocicept*.mp,kw.	3195
85	pain receptor?.mp,kw.	77
86	palliat*.mp,kw.	7242
87	paraesthesia*.mp,kw.	385
88	paresthesia*.mp,kw.	3067
89	phantom limb?.mp,kw.	227
90	polyneuropath*.mp,kw.	1258
91	polyradiculopath*.mp,kw.	17
92	postamputat*.mp,kw.	28
93	proctalgia*.mp,kw.	34
94	radicular pain?.mp,kw.	563
95	reflex sympathetic dystroph*.mp,kw.	261
96	sciatic?.mp,kw.	1814
97	sensory neuropath*.mp,kw.	1024
98	shingles.mp,kw.	114
99	SUNCT syndrome?.mp,kw.	3
100	sympathetically maintained pain?.mp,kw.	28
101	tarsal tunnel syndrome?.mp,kw.	15
102	thorax outlet syndrome?.mp,kw.	10
103	toothache?.mp,kw.	298
104	tooth-ache?.mp,kw.	5
105	or/1-104 [ Chronic Pain ]	187246
106	dysomnia??.mp,kw.	151
107	insomni*.mp.	9820
108	(sleep* adj2 depriv*).mp,kw.	1487
109	(sleep* adj2 disorder*).mp,kw.	8193
110	parasomnia??.mp,kw.	377
111	Nocturnal Myoclonus.mp,kw.	26
112	Nocturnal Paroxysmal Dystonia??.mp,kw.	2
113	REM disorder*.mp,kw.	0
114	Restless Leg? Syndrome?.mp,kw.	787
115	Sleep Bruxism?.mp,kw.	106
116	Subwakefulness*.mp,kw.	0
117	Sub-wakefulness*.mp,kw.	0
118	Sleep Related Neurogenic Tachypn?ea*.mp,kw.	0
119	(Sleep* adj2 Neurogenic Tachypn?ea*).mp,kw.	0

120	Long Sleeper Syndrome?.mp,kw.	0
121	Long Sleep* Syndrome?.mp,kw.	0
122	Short Sleeper Syndrome?.mp,kw.	0
123	Short Sleep* Syndrome?.mp,kw.	0
124	Short Sleep Phenotyp*.mp,kw.	0
125	Short Sleep* Phenotyp*.mp,kw.	0
126	Short* Sleep* Phenotyp*.mp,kw.	0
127	(Sleep* adj2 Fragment*).mp,kw.	265
128	(Insufficient* adj2 Sleep*).mp,kw.	122
129	(Sleep* adj1 State? adj1 Mispercept*).mp,kw.	7
130	(Sleep* adj1 State? adj1 Misperceiv*).mp,kw.	0
131	(Sleep* adj1 State? adj1 Misperciev*).mp,kw.	0
132	(Posttraumatic adj2 Hypersomnia*).mp,kw.	2
133	(Post-traumatic adj2 Hypersomnia*).mp,kw.	1
134	(Excess* adj2 Somnolence*).mp,kw.	283
135	hypersomnolen*.mp,kw.	46
136	hyper-somnolen*.mp,kw.	1
137	Hypersomnia*.mp,kw.	274
138	Kleine-Levin Syndrome?.mp,kw.	1
139	Klein* Levin Syndrome?.mp,kw.	1
140	Kleine Levin Critchley Syndrome?.mp,kw.	0
141	Klein* Levin Critchley Syndrome?.mp,kw.	0
142	Familial Hibernat* Syndrome?.mp,kw.	0
143	(Familial Hibernat* adj2 Syndrome?).mp,kw.	0
144	Narcoleps*.mp,kw.	420
145	Narcolept*.mp,kw.	74
146	Gelineau Syndrome?.mp,kw.	0
147	Cataplexy.mp,kw.	182
148	Cataplexies.mp,kw.	7
149	Cataleptic??.mp,kw.	8
150	Henneberg Syndrome?.mp,kw.	0
151	Cataplexicus.mp,kw.	0
152	Sleep Myoclonus Syndrome?.mp,kw.	0
153	Sleep* Myoclon* Syndrome?.mp.	0
154	(Periodic* adj1 Limb? Movement? adj1 Disorder?).mp,kw.	94
155	Nocturnal Myoclon*.mp,kw.	26
156	exp Sleep Apnea Syndromes/	2181
157	sleep apne*.mp,kw.	5237
158	sleep apnoe*.mp,kw.	1168
159	(upper airway resistan* adj2 syndrom*).mp,kw.	16
160	obes* hypoventil* syndrome?.mp,kw.	119



161	(obes* hypoventil* adj2 apne*?).mp,kw.	4
162	(obes* hypoventil* adj2 apnoe*?).mp,kw.	0
163	(pickwick* adj1 syndrom*).mp,kw.	7
164	(obstruct* adj2 hypopnea*).mp,kw.	66
165	(obstruct* adj2 hypopnoea*).mp,kw.	23
166	(obstruct* adj2 hypoapnea*).mp,kw.	0
167	(obstruct* adj2 hypoapnoea*).mp,kw.	0
168	(obstruct* adj2 hypo-apnea*).mp,kw.	0
169	(obstruct* adj2 hypo-apnoea*).mp,kw.	0
170	(sleep disorder* adj1 breathing).mp,kw.	2420
171	(sleep adj2 respirat* adj1 disorder*).mp,kw.	61
172	osa.tw.	2647
173	osas.tw.	567
174	osahs.tw.	178
175	(cheyne-stokes adj1 breath*).mp,kw.	49
176	(cheyne-stokes adj1 respirat*).mp,kw.	121
177	(hypersomni* adj2 periodic respirat*).mp,kw.	0
178	(hypersomni* adj2 periodic breath*).mp,kw.	0
179	(mixed adj4 apnea*).mp,kw.	22
180	(mixed adj4 apnoea*).mp,kw.	14
181	(central adj4 apnea*).mp,kw.	386
182	(central adj4 apnoea*).mp,kw.	101
183	apnea-hypopnea*.mp,kw.	1859
184	apnoea-hypopnoea*.mp,kw.	395
185	apneic-hypopneic*.mp,kw.	10
186	apnoeic-hypopnoeic*.mp,kw.	2
187	(nocturnal adj2 hypoventilation).mp,kw.	45
188	(sleep disorder* adj1 respirat*).mp,kw.	20
189	(nocturnal adj2 hypoxemia).mp,kw.	52
190	apneic.mp,kw.	324
191	apnoeic.mp,kw.	145
192	hypopneic.mp,kw.	15
193	hypopnoeic.mp,kw.	5
194	(ondine* adj2 curse*).mp,kw.	2
195	(ondine* adj2 syndrome*).mp,kw.	1
196	(haddad* adj1 syndrom*).mp,kw.	0
197	(primary adj2 alveolar adj2 hypoventil*).mp,kw.	0
198	(primary adj2 alveolar hypoventil*).mp,kw.	1
199	csas.tw. [Central Sleep Apnea Syndrome]	53
200	cahs.tw. [central alveolar hypoventilation syndrome]	1
201	ccaahs.tw. [congenital central alveolar hypoventilation syndrome]	0

202	ccah.tw. [congenital central alveolar hypoventilation ]	0
203	central alveolar hypoventilation syndrome*.mp,kw.	0
204	(high* altitud* adj2 (period* adj2 breath*)).mp,kw.	11
205	upper airway* resistan* syndrom*.mp,kw.	17
206	(apn?ea adj1 attack*).mp,kw.	10
207	(apn?ea adj1 index*).mp,kw.	267
208	(apn?ea adj1 indices*).mp,kw.	10
209	(apn?ea adj1 monitor*).mp,kw.	483
210	(sleep* adj2 hypopn?ea*).mp,kw.	450
211	exp sleep/	5269
212	somnolen*.mp.	6407
213	sleep*.mp.	33718
214	slept.mp.	592
215	circadian.mp.	5451
216	or/106-215 [ Sleep / Sleep Disturbances ]	47405
217	105 and 216 [ Pain + Sleep ]	10163
218	Actigraphy/	395
219	Telemedicine/	1664
220	(acceler* adj2 sensor?).mp.	90
221	(activity adj3 monitor*).mp.	2106
222	(fitness adj2 tracker?).mp.	78
223	(mobile adj2 system?).mp.	176
224	(mobile adj2 technolog*).mp.	640
225	motion log*4.mp.	8
226	(motion-monitor*3 or motion monitor*3).mp.	23
227	(record* adj2 sleep* adj2 paramet*4).mp.	26
228	(record* adj2 sleep*3 adj2 activit*).mp.	11
229	(sleep adj2 (data or datum)).mp.	515
230	(sleep adj2 (sensor or sensors or sensing)).mp.	30
231	(sleep adj2 measur*).mp.	2581
232	(sleep adj2 tracker*).mp.	11
233	(wearable* adj2 sensor?).mp.	122
234	Acceleromet*.mp.	3153
235	actigram*.mp.	9
236	actigraph*.mp.	2119
237	actimet*.mp.	727
238	actomet*.mp.	33
239	mhealth.mp.	683
240	microacceleromet*.mp.	1
241	miniacceleromet*.mp.	0
242	motionlog*4.mp.	7

243	actimetry/ [ Embase ]	2
244	telemedicine/	1664
245	telemonitoring/	0
246	or/218-245 [ Actigraphy ]	12061
247	217 and 246 [ Pain + Sleep + Actigraphy ]	552
248	limit 247 to english language	321
249	confer*.so.	42882
250	248 not 249	286
251	remove duplicates from 250	279

## CDSR

Cochrane Database of Systematic Reviews 2005 to Present

#	Searches	Results
1	(afferent adj2 neuron?).ti,ab.	0
2	(back? adj2 pain*).ti,ab.	90
3	(chronic* adj2 headache?).ti,ab.	7
4	(chronic* adj2 head-ache?).ti,ab.	0
5	(chronic* adj2 migrain*).ti,ab.	4
6	(chronic* adj3 pain*).ti,ab.	192
7	(damag* adj2 nerve?).ti,ab.	23
8	(deafferentation adj2 pain*).ti,ab.	0
9	(nerve? adj2 injur*).ti,ab.	13
10	(neuro* adj2 pain*).ti,ab.	68
11	(neuroma or neuromas).ti,ab.	3
12	(neuropath* adj2 pain*).ti,ab.	64
13	(pain or pains or pained or painful*).ti,ab.	1357
14	(pain* adj2 low?? adj2 back?).ti,ab.	76
15	(pain* adj3 syndrom*).ti,ab.	35
16	(pain* adj5 multiple scleros*).ti,ab.	4
17	(pelvic adj5 pain*).ti,ab.	38
18	allodynia*.ti,ab.	2
19	amputat*.ti,ab.	57
20	arthralgi*.ti,ab.	12
21	causalgia*.ti,ab.	0
22	cephalalgi*.ti,ab.	4
23	cephalgi*.ti,ab.	0
24	chronic noncancer* pain?.ti,ab.	1
25	chronic non-cancer* pain?.ti,ab.	12
26	chronic nonmalignan* pain?.ti,ab.	0

27	chronic non-malignan* pain?.ti,ab.	0
28	coccydyni*.ti,ab.	0
29	colic.ti,ab.	21
30	dysaesthesia*.ti,ab.	1
31	dysesthesia*.ti,ab.	0
32	dysmenorrhoea*.ti,ab.	1
33	dysmenorrhoea*.ti,ab.	29
34	earache?.ti,ab.	0
35	ear-ache?.ti,ab.	0
36	failed back?.ti,ab.	0
37	glossalgi*.ti,ab.	0
38	herpes zoster.ti,ab.	8
39	hyperalges*.ti,ab.	3
40	hyperalgi*.ti,ab.	0
41	hyperpathi*.ti,ab.	0
42	ischialgia*.ti,ab.	0
43	mastodyni*.ti,ab.	0
44	meralgi*.ti,ab.	1
45	metarsalgi*.ti,ab.	0
46	metatarsalgi*.ti,ab.	0
47	migrain*.ti,ab.	63
48	neuralgi*.ti,ab.	33
49	neuropath*.ti,ab.	129
50	nocicept*.ti,ab.	5
51	pain receptor?.ti,ab.	0
52	palliat*.ti,ab.	106
53	paraesthesia*.ti,ab.	11
54	paresthesia*.ti,ab.	3
55	phantom limb?.ti,ab.	3
56	polyneuropath*.ti,ab.	13
57	polyradiculopath*.ti,ab.	0
58	postamputat*.ti,ab.	2
59	proctalgia*.ti,ab.	0
60	radicular pain?.ti,ab.	2
61	reflex sympathetic dystroph*.ti,ab.	0
62	sciatic?.ti,ab.	15
63	sensory neuropath*.ti,ab.	4
64	shingles.ti,ab.	1
65	SUNCT syndrome?.ti,ab.	0
66	sympathetically maintained pain?.ti,ab.	1
67	tarsal tunnel syndrome?.ti,ab.	1

68	thorax outlet syndrome?.ti,ab.	0
69	toothache?.ti,ab.	0
70	tooth-ache?.ti,ab.	0
71	or/1-70 [ Pain ]	1599
72	dyssomnia??.ti,ab.	0
73	insomni*.ti,ab.	35
74	(sleep* adj2 depriv*).ti,ab.	6
75	(sleep* adj2 disorder*).ti,ab.	23
76	parasomnia??.ti,ab.	1
77	Nocturnal Myoclonus.ti,ab.	0
78	Nocturnal Paroxysmal Dystonia??.ti,ab.	0
79	REM disorder*.ti,ab.	0
80	Restless Leg? Syndrome?.ti,ab.	9
81	Sleep Bruxism?.ti,ab.	2
82	Subwakefulness*.ti,ab.	0
83	Sub-wakefulness*.ti,ab.	0
84	Sleep Related Neurogenic Tachypn?ea*.ti,ab.	0
85	(Sleep* adj2 Neurogenic Tachypn?ea*).ti,ab.	0
86	Long Sleeper Syndrome?.ti,ab.	0
87	Long Sleep* Syndrome?.ti,ab.	0
88	Short Sleeper Syndrome?.ti,ab.	0
89	Short Sleep* Syndrome?.ti,ab.	0
90	Short Sleep Phenotyp*.ti,ab.	0
91	Short Sleep* Phenotyp*.ti,ab.	0
92	Short* Sleep* Phenotyp*.ti,ab.	0
93	(Sleep* adj2 Fragment*).ti,ab.	1
94	(Insufficient* adj2 Sleep*).ti,ab.	0
95	(Sleep* adj1 State? adj1 Mispercept*).ti,ab.	0
96	(Sleep* adj1 State? adj1 Misperceiv*).ti,ab.	0
97	(Sleep* adj1 State? adj1 Misperciev*).ti,ab.	0
98	(Posttraumatic adj2 Hypersomnia*).ti,ab.	0
99	(Post-traumatic adj2 Hypersomnia*).ti,ab.	0
100	(Excess* adj2 Somnolence*).ti,ab.	0
101	hypersomnolen*.ti,ab.	0
102	hyper-somnolen*.ti,ab.	0
103	Hypersomnia*.ti,ab.	2
104	Kleine-Levin Syndrome?.ti,ab.	1
105	Klein* Levin Syndrome?.ti,ab.	1
106	Kleine Levin Critchley Syndrome?.ti,ab.	0
107	Klein* Levin Critchley Syndrome?.ti,ab.	0
108	Familial Hibernat* Syndrome?.ti,ab.	0

109	(Familial Hibernat* adj2 Syndrome?).ti,ab.	0
110	Narcoleps*.ti,ab.	3
111	Narcolept*.ti,ab.	0
112	Gelineau Syndrome?.ti,ab.	0
113	Cataplexy.ti,ab.	1
114	Cataplexies.ti,ab.	0
115	Cataleptic??.ti,ab.	0
116	Henneberg Syndrome?.ti,ab.	0
117	Cataplexicus.ti,ab.	0
118	Sleep Myoclonus Syndrome?.ti,ab.	0
119	Sleep* Myoclon* Syndrome?.mp.	0
120	(Periodic* adj1 Limb? Movement? adj1 Disorder?).ti,ab.	0
121	Nocturnal Myoclon*.ti,ab.	0
122	sleep apne*.ti,ab.	4
123	sleep apnoe*.ti,ab.	23
124	(upper airway resistan* adj2 syndrom*).ti,ab.	0
125	obes* hypoventil* syndrome?.ti,ab.	1
126	(obes* hypoventil* adj2 apne*?).ti,ab.	0
127	(obes* hypoventil* adj2 apnoe*?).ti,ab.	0
128	(pickwick* adj1 syndrom*).ti,ab.	0
129	(obstruct* adj2 hypopnea*).ti,ab.	0
130	(obstruct* adj2 hypopnoea*).ti,ab.	0
131	(obstruct* adj2 hypoapnea*).ti,ab.	0
132	(obstruct* adj2 hypoapnoea*).ti,ab.	0
133	(obstruct* adj2 hypo-apnea*).ti,ab.	0
134	(obstruct* adj2 hypo-apnoea*).ti,ab.	0
135	(sleep disorder* adj1 breathing).ti,ab.	6
136	(sleep adj2 respirat* adj1 disorder*).ti,ab.	3
137	osa.tw.	25
138	osas.tw.	13
139	osahs.tw.	6
140	(cheyne-stokes adj1 breath*).ti,ab.	0
141	(cheyne-stokes adj1 respirat*).ti,ab.	0
142	(hypersomni* adj2 periodic respirat*).ti,ab.	0
143	(hypersomni* adj2 periodic breath*).ti,ab.	0
144	(mixed adj4 apnea*).ti,ab.	1
145	(mixed adj4 apnoea*).ti,ab.	0
146	(central adj4 apnea*).ti,ab.	0
147	(central adj4 apnoea*).ti,ab.	4
148	apnea-hypopnea*.ti,ab.	1
149	apnoea-hypopnoea*.ti,ab.	5

150	apneic-hypopneic*.ti,ab.	0
151	apnoeic-hypopnoeic*.ti,ab.	0
152	(nocturnal adj2 hypoventilation).ti,ab.	0
153	(sleep disorder* adj1 respirat*).ti,ab.	3
154	(nocturnal adj2 hypoxemia).ti,ab.	0
155	apneic.ti,ab.	1
156	apnoeic.ti,ab.	2
157	hypopneic.ti,ab.	0
158	hypopnoeic.ti,ab.	0
159	(ondine* adj2 curse*).ti,ab.	0
160	(ondine* adj2 syndrome*).ti,ab.	0
161	(haddad* adj1 syndrom*).ti,ab.	0
162	(primary adj2 alveolar adj2 hypoventil*).ti,ab.	0
163	(primary adj2 alveolar hypoventil*).ti,ab.	0
164	csas.tw. [Central Sleep Apnea Syndrome]	3
165	cahs.tw. [central alveolar hypoventilation syndrome]	0
166	ccaahs.tw. [congenital central alveolar hypoventilation syndrome]	0
167	ccah.tw. [congenital central alveolar hypoventilation ]	0
168	central alveolar hypoventilation syndrome*.ti,ab.	0
169	(high* altitud* adj2 (period* adj2 breath*)).ti,ab.	0
170	upper airway* resistan* syndrom*.ti,ab.	0
171	(apn?ea adj1 attack*).ti,ab.	0
172	(apn?ea adj1 index*).ti,ab.	0
173	(apn?ea adj1 indices*).ti,ab.	0
174	(apn?ea adj1 monitor*).ti,ab.	0
175	(sleep* adj2 hypopn?ea*).ti,ab.	3
176	somnolen*.mp.	353
177	sleep*.mp.	1359
178	slept.mp.	26
179	circadian.mp.	87
180	or/72-179 [ Sleep / Sleep Disorders ]	1554
181	71 and 180 [ Pain + Sleep ]	378
182	(acceler* adj2 sensor?).mp.	2
183	(activity adj3 monitor*).mp.	73
184	(fitness adj2 tracker?).mp.	2
185	(mobile adj2 system?).mp.	8
186	(mobile adj2 technolog*).mp.	47
187	motion log*4.mp.	1
188	(motion-monitor*3 or motion monitor*3).mp.	0
189	(record* adj2 sleep* adj2 paramet*4).mp.	0
190	(record* adj2 sleep*3 adj2 activit*).mp.	2

191	(sleep adj2 (data or datum)).mp.	29
192	(sleep adj2 (sensor or sensors or sensing)).mp.	0
193	(sleep adj2 measur*).mp.	85
194	(sleep adj2 tracker*).mp.	0
195	(wearable* adj2 sensor?).mp.	5
196	Acceleromet*.mp.	64
197	actigram*.mp.	1
198	actigraph*.mp.	41
199	actimet*.mp.	2
200	actomet*.mp.	2
201	mhealth.mp.	44
202	microacceleromet*.mp.	0
203	miniacceleromet*.mp.	0
204	motionlog*4.mp.	0
205	or/182-204 [ Actigraphy & related terms ]	288
206	181 and 205 [ Pain + Sleep + Actigraphy ]	34
207	limit 206 to full systematic reviews	33
208	remove duplicates from 207	33

## PubMed-NOT-Medline

Search	Query	Items found
#6	Search (((((((Sleep[Mesh]) OR ("Sleep Wake Disorders"[Mesh]) OR (dyssomnia*[tiab]) OR (sleep*[tiab] AND depriv*[tiab]) OR (sleep*[tiab] AND disorder*[tiab]) OR (parasomnia*[tiab]) OR ("Nocturnal Myoclonus"[tiab]) OR ("Nocturnal Paroxysmal Dystonia"[tiab]) OR ("REM disorder"[tiab]) OR ("Restless Leg* Syndrome"[tiab]) OR ("Sleep Bruxism"[tiab]) OR (Subwakefulness[tiab]) OR (Sub-wakefulness[tiab]) OR ("Sleep Related Neurogenic Tachypnea"[tiab]) OR (Sleep* AND "Neurogenic Tachypnaea"[tiab]) OR ("Long Sleeper Syndrome"[tiab]) OR ("Long Sleep Syndrome"[tiab]) OR ("Short Sleeper Syndrome"[tiab]) OR ("Short Sleep Syndrome"[tiab]) OR ("Short Sleep Phenotype"[tiab]) OR ("Shortsleep Phenotype"[tiab]) OR (Sleep*[tiab] AND Fragment*[tiab]) OR (Insufficient*[tiab] AND Sleep*[tiab]) OR (Sleep*[tiab] AND State*[tiab] AND Misperception[tiab]) OR (Posttraumatic[tiab] AND Hypersomnia[tiab]) OR (Post-traumatic[tiab] AND Hypersomnia[tiab]) OR (Excess*[tiab] AND Somnolence*[tiab]) OR (hypersomnolen*[tiab]) OR (hyper-somnolen*[tiab]) OR (Hypersomnia*[tiab]) OR (somnolen*[tiab]) OR ("Kleine-Levin Syndrome"[tiab]) OR ("Klein Levin Syndrome"[tiab]) OR ("Kleine Levin Critchley Syndrome"[tiab]) OR ("Klein Levin Critchley Syndrome"[tiab]) OR ("Familial Hibernation Syndrome"[tiab]) OR ("Familial Hibernation"[tiab] AND Syndrome*[tiab]) OR (Narcoleps*[tiab]) OR (Narcolept*[tiab]) OR ("Gelineau Syndrome"[tiab]) OR (Cataplexy[tiab]) OR (Cataplexies[tiab]) OR (Cataleptic**[tiab]) OR ("Henneberg Syndrome"[tiab]) OR (Cataplexicus[tiab]) OR ("Sleep Myoclonus Syndrome"[tiab]) OR ("Sleep* Myoclon* Syndrome"[tiab]) OR (Periodic*[tiab] AND "Limb Movement"[tiab] AND Disorder*[tiab]) OR ("Sleep Initiation and Maintenance Disorders"[Mesh:NoExp]) OR ("Nocturnal Myoclon**[tiab]) OR ("Sleep Apnea Syndromes"[Mesh]) OR ("Sleep Apnea, Obstructive"[Mesh]) OR ("Sleep Apnea, Central"[Mesh:NoExp]) OR ("Obesity Hypoventilation Syndrome"[Mesh:NoExp]) OR ("sleep apnea"[tiab]) OR ("sleep apnoea"[tiab]) OR ("upper airway resistance"[tiab] AND syndrom*[tiab]) OR ("obesity hypoventilation syndrome"[tiab]) OR ("obesity hypoventilion"[tiab] AND apne*[tiab]) OR ("obesity hypoventilion"[tiab] AND apnoe*[tiab]) OR (pickwick*[tiab] AND syndrom*[tiab]) OR (obstruct*[tiab] AND hypopnea*[tiab]) OR (obstruct*[tiab] AND hypopnoea*[tiab]) OR (obstruct*[tiab] AND hypoapnea*[tiab]) OR (obstruct*[tiab] AND hypoapnoea*[tiab]) OR (obstruct*[tiab] AND hypo-apnea*[tiab]) OR (obstruct*[tiab] AND hypo-apnoea*[tiab]) OR ("sleep disordered"[tiab] AND breathing[tiab]) OR (sleep[tiab] AND respirat*[tiab] AND disorder*[tiab]) OR (osa[tiab]) OR (osas[tiab]) OR (osahs[tiab]) OR ("Cheyne Stokes Respiration"[Mesh]) OR (cheyne-stokes[tiab] AND breath*[tiab]) OR (cheyne-stokes[tiab] AND respirat*[tiab]) OR (hypersomni*[tiab]	64



AND "periodic respiration"[tiab] OR (hypersomni\*[tiab] AND "periodic breathing"[tiab]) OR (mixed[tiab] AND apnea\*[tiab]) OR (mixed[tiab] AND apnoea\*[tiab]) OR (central[tiab] AND apnea\*[tiab]) OR (central[tiab] AND apnoea\*[tiab]) OR (apnea-hypopnea\*[tiab]) OR (apnoea-hypopnoea\*[tiab]) OR (apneic-hypopneic\*[tiab]) OR (apnoeic-hypopnoeic\*[tiab]) OR (nocturnal[tiab] AND hypoventilation[tiab]) OR ("sleep disordered"[tiab] AND respirat\*[tiab]) OR (nocturnal[tiab] AND hypoxemia[tiab]) OR (apneic[tiab]) OR (apnoeic[tiab]) OR (hypopneic[tiab]) OR (hypopnoeic[tiab]) OR (ondine\*[tiab] AND curse\*[tiab]) OR (ondine\*[tiab] AND syndrome\*[tiab]) OR ("haddad syndrome"[tiab]) OR (primary[tiab] AND alveolar[tiab] AND hypoventilation[tiab]) OR (primary[tiab] AND "alveolar hypoventilation"[tiab]) OR ("csas "[tiab]) OR ("cahs"[tiab]) OR ("ccahs"[tiab]) OR ("ccah"[tiab]) OR ("central alveolar hypoventilation syndrome"[tiab]) OR ("high altitude"[tiab] AND periodic[tiab] AND breath\*[tiab]) OR ("sleep apnea syndromes"[Mesh:NoExp]) OR ("upper airway resistance syndrome"[tiab]) OR (apnoea[tiab] AND attack\*[tiab]) OR (apnoea[tiab] AND index\*[tiab]) OR (apnoea[tiab] AND indices\*[tiab]) OR (apnea[tiab] AND attack\*[tiab]) OR (apnea[tiab] AND index\*[tiab]) OR (apnea[tiab] AND indices\*[tiab]) OR (sleep\*[tiab] AND hypopnea\*[tiab]) OR (sleep\*[tiab] AND hypopnoea\*[tiab]) OR (sleep\*[tiab] OR slept[tiab])) OR insomnia\*[tiab])) AND (((Pain[Mesh]) OR (Agnosia[Mesh:NoExp]) OR (Arthralgia[Mesh]) OR ("Back Pain"[Mesh]) OR ("Breakthrough Pain"[Mesh:NoExp]) OR (Catastrophization[Mesh:NoExp]) OR (Causalgia[Mesh:NoExp]) OR ("Central Nervous System"[Mesh] AND Pain[Mesh:NoExp]) OR ("Central Nervous System/injuries"[Mesh] ) OR ("Chest Pain"[Mesh:NoExp]) OR ("Chronic Disease"[Mesh] AND Pain[Mesh:NoExp]) OR ("Chronic Pain"[Mesh:NoExp]) OR ("Complex Regional Pain Syndromes"[Mesh]) OR ("Diabetic Neuropathies"[Mesh]) OR (Dysmenorrhea[Mesh:NoExp]) OR ("Eye Pain"[Mesh:NoExp]) OR ("Facial Neuralgia"[Mesh:NoExp]) OR ("Facial Pain"[Mesh:NoExp]) OR (Fibromyalgia[Mesh:NoExp]) OR ("Flank Pain"[Mesh:NoExp]) OR (Glossalgia[Mesh:NoExp]) OR (Headache[Mesh:NoExp]) OR ("Headache Disorders"[Mesh]) OR ("Hereditary Sensory and Autonomic Neuropathies"[Mesh:NoExp]) OR ("Herpes Zoster"[Mesh]) OR (Hyperalgesia[Mesh]) OR ("Indifference to Pain, Congenital, Autosomal Recessive"[Mesh:NoExp]) OR ("Labor Pain"[Mesh:NoExp]) OR ("Low Back Pain"[Mesh:NoExp]) OR (Mastodynia[Mesh:NoExp]) OR (Metatarsalgia[Mesh:NoExp]) OR ("Musculoskeletal Pain"[Mesh:NoExp]) OR (Myalgia[Mesh:NoExp]) OR ("Myofascial Pain Syndromes"[Mesh:NoExp]) OR ("Neck Pain"[Mesh:NoExp]) OR (Neuralgia[Mesh]) OR ("Neurons, Afferent"[Mesh]) OR ("Nociceptive Pain"[Mesh:NoExp]) OR (Nociceptors[Mesh]) OR ("Pain Clinics"[Mesh:NoExp]) OR ("Pain Insensitivity, Congenital"[Mesh:NoExp]) OR ("Pain Management"[Mesh:NoExp]) OR ("Pain Measurement"[Mesh:NoExp]) OR ("Pain Perception"[Mesh:NoExp]) OR ("Pain Threshold"[Mesh:NoExp]) OR ("Pain, Intractable"[Mesh:NoExp]) OR ("Pain, Postoperative"[Mesh:NoExp]) OR ("Pain, Procedural"[Mesh:NoExp]) OR ("Pain, Referred"[Mesh:NoExp]) OR (Pain[Mesh] AND "Acute Diseases"[Mesh:NoExp]) OR (Pain[Mesh] AND "Chronic Diseases"[Mesh:NoExp]) OR ("Palliative Care"[Mesh]) OR ("Paroxysmal Extreme Pain Disorder"[Mesh:NoExp]) OR ("Patellofemoral Pain Syndrome"[Mesh:NoExp]) OR ("Pelvic Pain"[Mesh]) OR ("Phantom Limb"[Mesh:NoExp]) OR ("Pleasure-Pain Principle"[Mesh:NoExp]) OR (Prostatitis[Mesh:NoExp]) OR ("Reflex Sympathetic Dystrophy"[Mesh:NoExp]) OR ("Shoulder Pain"[Mesh:NoExp]) OR ("Somatoform Disorders"[Mesh:NoExp]) OR ("Somatosensory Disorders"[Mesh:NoExp]) OR ("Temporomandibular Joint Dysfunction Syndrome"[Mesh:NoExp]) OR ("Visceral Pain"[Mesh:NoExp]) OR (ache[tiab] OR aches[tiab] OR ached[tiab] OR aching[tiab] OR achy[tiab] OR achiness[tiab]) OR (afferent[tiab] AND neuron[tiab]) OR (back\*[tiab] AND pain\*[tiab]) OR (chronic\*[tiab] AND headache\*[tiab]) OR (chronic\*[tiab] AND head-ache\*[tiab]) OR (chronic\*[tiab] AND migrain\*[tiab]) OR (chronic\*[tiab] AND pain\*[tiab]) OR (deafferentation[tiab] AND pain\*[tiab]) OR (nerve\*[tiab] AND injur\*[tiab]) OR (neurolog\*[tiab] AND pain\*[tiab]) OR (neuropathic[tiab] AND pain\*[tiab]) OR (pain[tiab] AND low\*[tiab] AND back[tiab]) OR (pain[tiab] AND "multiple sclerosis"[tiab]) OR (pain[tiab] OR pains[tiab] OR pained[tiab] OR painful\*[tiab]) OR (pain\*[tiab] AND syndrom\*[tiab]) OR (pelvic[tiab] AND pain\*[tiab]) OR (allodynia\*[tiab]) OR (arthralgi\*[tiab]) OR (causalgia\*[tiab]) OR (cephalalgi\*[tiab]) OR (cephalgi\*[tiab]) OR ("chronic noncancer pain"[tiab]) OR ("chronic non-cancer pain"[tiab]) OR ("chronic nonmalignant pain"[tiab]) OR ("chronic non-malignant pain"[tiab]) OR (colic[tiab]) OR (dysaesthesi\*[tiab]) OR (dysesthesi\*[tiab]) OR (dysmenorrhea\*[tiab]) OR (dysmenorrhoea\*[tiab]) OR (earache\*[tiab]) OR (ear-ache\*[tiab]) OR ("failed back"[tiab]) OR (glossalgi\*[tiab]) OR ("Herpes Zoster"[tiab]) OR (hyperalges\*[tiab]) OR (hyperpathi\*[tiab]) OR (mastodyn\*[tiab]) OR (metatarsalgi\*[tiab]) OR (migrain\*[tiab]) OR (neuralgi\*[tiab]) OR (neuropathic[tiab]) OR (nocicept\*[tiab]) OR (palliat\*[tiab]) OR (paraesthesi\*[tiab]) OR (paresthesi\*[tiab]) OR ("phantom limb"[tiab]) OR ("reflex sympathetic dystrophy"[tiab]) OR (sciatic\*[tiab]) OR (shingles[tiab]) OR (toothache\*[tiab]) OR (tooth-ache\*[tiab])))) AND (((Actigraphy[Mesh:NoExp]) OR (Telemedicine[Mesh:NoExp]) OR ("activity monitor"[tiab]) OR