

Appendix 1: Medline Search strategy– inception to July 2014

#	Searches	Results
1	INTERVERTEBRAL DISK DISPLACEMENT.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	1410
2	INTERVERTEBRAL DISK DISPLACEMENT/pa, ph, di, pp, px, rh, th [Pathology, Physiology, Diagnosis, Physiopathology, Psychology, Rehabilitation, Therapy]	6768
3	BACK PAIN.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	38856
4	BACK PAIN/pa, ph, di, pp, px, rh, th [Pathology, Physiology, Diagnosis, Physiopathology, Psychology, Rehabilitation, Therapy]	6649
5	LOW BACK PAIN.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	20492
6	LOW BACK PAIN/pa, ph, di, pp, px, rh, th [Pathology, Physiology, Diagnosis, Physiopathology, Psychology, Rehabilitation, Therapy]	9357
7	PELVIC PAIN.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	6570
8	PELVIC PAIN/pa, ph, di, pp, px, rh, th [Pathology, Physiology, Diagnosis, Physiopathology, Psychology, Rehabilitation, Therapy]	1651
9	SCIATICA.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	5164
10	BACK STRAIN.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	64
11	SIMPLE BACK PAIN.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	6
12	NON-SPECIFIC BACK PAIN.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	44
13	LOW BACK SYNDROME.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	57
14	LOW BACK DYSFUNCTION.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	20
15	LUMBAR PAIN.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	1025
16	BACKACHE.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	2755
17	LUMBAGO.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	1054
18	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17	55711
19	GUIDELINE\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	264012
20	exp GUIDELINE/	25446
21	PRACTICE GUIDELINE\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	104622

22	exp PRACTICE GUIDELINES AS TOPIC/	81011
23	QUALITY ASSURANCE.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	58467
24	exp QUALITY ASSURANCE, HEALTH CARE/	257762
25	CONTINUING MEDICAL EDUCATION.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	4017
26	exp EDUCATION, MEDICAL, CONTINUING/	21245
27	DECISION RULES.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	1127
28	DECISION MAKING.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	122302
29	CLINICAL REASONING.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	1305
30	CLINICAL JUDGEMENT.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	1280
31	CLINICAL DECISION.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	11069
32	PROVIDER BEHAVIOUR.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	49
33	CLINICIAN BEHAVIOUR.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	42
34	BEHAVIOURAL CHANGE.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	822
35	19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34	540011
36	COMPLIANCE.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	113224
37	ADHERENCE.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	84598
38	exp GUIDELINE ADHERENCE/	20901
39	BARRIER\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	155923
40	RESISTANCE.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	566749
41	NON-COMPLIANCE.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	3104
42	NONCOMPLIANCE.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	4508
43	exp Diagnostic Imaging/	1740954
44	IMPLEMENT\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	219388
45	36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44	2752807
46	QUALITATIVE.mp. [mp=title, original title, abstract, name of substance word,	117625

	subject heading word]	
47	exp QUALITATIVE RESEARCH/	20403
48	QUALIT\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	776603
49	exp FOCUS GROUPS/	16998
50	FOCUS GROUP\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	23983
51	DECISION MAK\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	126358
52	exp DECISION MAKING/	124946
53	QUALITY CIRCLE\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word]	1355
54	exp INTERVIEW/	24489
55	INTERVIEW.m.p. [mp=title, original title, abstract, name of substance word, subject heading word]	106873
56	OBSERVATION.m.p. [mp=title, original title, abstract, name of substance word, subject heading word]	208753
57	46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56	1219784
58	18 and 35 and 45 and 57	260
59	limit 58 to humans	258

NB: 250 unique references when duplicates removed