

Patient-Oriented Research Competencies in Health (PORCH) for Researchers, Patients, Healthcare Providers, and Decision-makers: Results of a scoping review

SUMMARY TABLES:

Table 1: Description of Searches

Table 2: Data extraction summary for peer reviewed/academic articles

Table 3: Preliminary Search, duplicate captures on data files

Table 4: Summary of Search 1 (preliminary search) data

Table 5: Summary of Search 2 data

Table 6: Summary of Grey Literature searches

Table 7: Organization of data in excel tables

Table 1**Description of Searches**

SEARCH	FOCUS
Search 1	Initial search of academic literature: focus was to search broadly and find journals, key words, and authors devoting work to this topic.
Search 2	<p>Focused search in five areas:</p> <ul style="list-style-type: none">• Review articles (searched through Medline, CINAHL, and Embase)• Reference/citations lists from review articles on the topic• Search of a bibliographic citation list kindly provided by authors who developed a search filter to search for patient involvement in research (see Rogers, Bethel and Boddy. Development and testing of a Medline search filter for identifying patient and public involvement in health research. Health Info Libr J. 2017 Jun;34(2):125-133. doi: 10.1111/hir.12157.• Review of papers in one journal issue devoted to the topic (Family Practice June 2017, volume 34(3))• Additional papers of relevance that same to the attention of our team.
Search 3	<p>Grey Literature</p> <p>Search of grey lit search engines; Training sites; Canadian, US Governmental, UK, European, Australian and international Organizations; and related Conferences.,</p>

Table 2**Data extraction summary for peer reviewed/academic articles**

Articles in Data Extraction Excel File, Organized by search

Search 1	Search 2 (database references_	Searches of reference lists review articles	UK list
28 Shaywitz	163 Arkind	92-15 Fleurence	UK 65 Braye
29 Shippee	173 Backhouse	92-48 Morrow	UK 74 Cornes
108 De Wit	174 Bailey	29-21 Nierse	UK 100 Meyer
38 Dudley	197 Blair	29-38 May	
42 Bayliss	233 Chalmers	29-51 Ahmed	
44 Coon	393 Horowitz	88-39 Hubbard(2007)	
88 Brett	137 Hubbard (2008)	88-71 Staniszewska	
92Duffett	429 Katigbek	88-71 Telford	
94 Kirwan	432 Kelly	108-9 Abma (2009) 135	
	436 Reed	136 Abma (2010)	
	143 Robbins	88.39.39 McCormick	
		88.38.44 Paboosingh	
	Note: Also from Search 2 databases the following were captured in searches of reference lists: Hubbard (2007); Staniszewska; Abma (2009) and Abma (2010).		

- Green shading is a duplicate capture, counted once on the table above

Total on data extraction, peer reviewed/academic papers: N=35

Table 3

Preliminary search, duplicate captures on data files:

Total number of articles retrieved and placed in Excel table: 134

Duplicates: total 24

Boote: #52; 87; 8; 53 are same

Boote: #5; 51 are same

Boote: #1; 36 are same

Boote: #113; 13; 2 are same

Boote: #114; 3; 86; are same

Sarrano: #111; 133 are same

Staley: #104; 40 are same

Shippee: #102; 29 are same

Surami: #100; 99; 27 are same

Synder: #83; 103

Miller: #96; 22 are same

Domecq: #91; 95; 15 are same

Entwistle #60; 61 are same

Holliday: #64; 65 are same

MacQueen #20; 95 are same

Minogue: #68; 69; 49 are same

Paterson: #72; 73 are same

Total after duplicates removed: 110

Table 4**Summary Search 1 Data****Search 1 data:**

Searches done	Total references	Dups	# after Dups removed	# titles/abstracts reviewed	# full text reviewed	# data extracted	Data extracted name
Boote (search for author known for the topic)	15	9	6	6	0	0	0
Articles retrieved through databases	119	18	104	104	43	9	28 Shaywitz 29 Shippee 108 De Wit 38 Dudley 42 Bayliss 44 Coon 88 Brett 92 Duffett 94 Kirwan
Total	134	27	110	110	43	9	(# excluded after full text review= 34)

Table 5 : Summary Search 2 Data

Search 2 Data: Focus on review articles and new papers found

Searches Done	Total references	Dups	# after Dups removed	# title/abstract reviewed	# full text review	# data extracted	Data extracted name
Medline	699	104	595	595	37 (all databases)	10	393 Horowitz 397 Hubbard (2005) 174 Bailey 436 Reed 197 Blair 136 Arkind 173 Backhouse 233 Chalmers 429 Katigbek 432 Kelly
Embase	484	204	280	280			
CINAHL	171	60	111	111			
UK Ref List	178	44	134	134	10 UK ref	3	UK 65 Braye UK 74 Cornes UK 100 Meyer
Fam Prac Jrnl	21	1	20	20	20 FP Jrnl	0	
New Papers	5	0	5	5	5	1	143 Robbins
Total	1558	413	1145	1145	72	14	(#excluded after FTR= 58)

*did not double count 2 papers that went to full-text review that were captured in review articles below; did not count papers that were not academic that were included in this review on our data sheets, rather put them in the grey lit list.

Search of references of review articles:

Search: Author Name	# citations	Dups	# after Dups	# title reviewed	# abstract reviewed	# full text reviewed	# data extracted	Data extracted name
Sacristan	69	0	69	69	0	0	0	29-21,29, 38 (Nierse, Ahmed,May)
Sarrami-Foroushami	123	3	120	120	5	0	0	
Shippee	111	22	89	89	7	4	3	
Brett	98	13	85	85	28	3	3	88-39,71,75 Hubbard,
Hubbard	155	4	151	151	15	2	2	Staniszewsky, Telford
Duffett	65	9	56	56	10	3	2	
Kirwan	30	10	20	20	0	0	0	88_39_39,40
De Wit	36	4	32	32	7	2	2	McCormick, Parboosingh
Bailey	35	06	35	35	35	8	0	
								92_15, 48 Fleurence, Morrow
								108_9,21 Abma (2009) Abma (2010)
Total	722	65	657	657	82	22	12	(#excluded after full text review= 10)

Table 6

Summary of Grey Literature Searches

Search Name	Total references	# full text review	#data extracted	# Data extracted name
Search engines	11	9	1	GL2
Training sites	8	6	4	GL14,62,74,75
Canadian organizations	25	25	0	
Canada Gov/Institutes	14	14	5	GL43,44,47a,47b,50
US Gov	5	5	0	
UK organizations	44	44	22	GL66,67,69,76-92, 98, 107
European organizations	16	16	2	GL124,131
Australian orgs	3	3	1	GL129
International orgs	2	2	2	GL113, 130
Conferences	3	3	1	GL161
Total	131	127	38	38

Table 7

Organization of data in Excel tables:

1. Inclusion criteria
2. Title/abstract search 1: Preliminary searches
3. Title/abstract search 2: Focus on review papers (Medline, CINAHL, and Embase) as well as title/abstract search of citations in review article #124)
4. Title/abstract search of first group of papers from the (Rogers) UK list
5. Title/abstract search of the second group of papers from the UK list
6. Title/abstract search of the last group of papers from the UK list.
7. Title abstract search of citations lists (3 papers)
8. Title/abstract search of citations lists (5 papers)
9. Title/abstract search of papers in Family Practice journal issue
10. Data Extraction form
11. Full text review search 1
12. References, Search 2 Medline
13. References, Search 2 CINAHL
14. References, Search 2 Embase
15. Reference citations and abstract Family Practice journal