

Supplementary Material 1: Search terms and results.

Search originally conducted on 1st March 2025 on **PudMed** through the National Library of Medicine. Re-run on 28th March 2025

#	Query	Results 01/03/25	Results 28/03/25
1	“preconception” [tiab]	7,260	7318
2	“preconception health” [tiab]	583	588
3	“preconception care” [tiab]	1099	1,115
4	“pre-conception” [tiab] OR “preconception health” [tiab] OR “preconception care” [tiab]	957	2,453
5	“childbearing age” [tiab] OR “child-bearing age” [tiab]	10,822	10,870
6	#1 OR #2 OR #3 OR #4 OR #5	17,782	17,844
7	“perspectives” [tiab] OR “perception” [tiab] OR “understanding” [tiab] OR “knowledge” [tiab] OR “attitudes” [tiab] OR “preference” [tiab] OR “preferences” [tiab]	2,849,894	2,869,581
8	“engagement” [tiab] OR “health knowledge, attitudes, practice” [MeSH]	259,020	261,058
9	“barrier” [tiab] OR “barriers” [tiab] OR “facilitator” [tiab] OR “facilitators” [tiab] OR “challenges” [tiab] OR “implementing” [tiab]	1,459,957	1,126,158
10	“acceptance” [tiab] OR awareness [tiab]	334,735	337,309
11	#7 OR #8 OR #9 OR #10	4,273,249	4,033,121
12	“qualitative” [tiab] OR “qualitative data” [tiab] OR “qualitative study” [tiab] OR “qualitative design” [tiab] OR “Mixed methods” [tiab] OR “mixed design” [tiab]	403,512	406,848
13	#6 AND #11 AND #12	458	456
14	Limit 13 to English Language	450	448
15	Limit 13 to English Language and 2015-2025	382	381
16	Limit 15 to 2018-2025 and NOT MIXED METHODS	373	372

Search originally conducted on 22nd March 2025 on **CINAHL Plus** through EBSCO. Re-run 29th March 2025

Search mode: Proximity.

#	Query	Results 22/03/25	Results 29/03/25
1	XB (“preconception” OR “preconception care” OR “preconception health”)	2,968	2,982
2	XB (“childbearing age” OR “child-bearing age”)	3,086	3,091
3	XB (“preconception” OR “preconception care” OR “preconception health”) OR (XB “childbearing age” OR “child-bearing age”)	6,616	6,635
4	XB (“perspectives” OR “perception” OR “understanding” OR “Knowledge” OR “attitudes” OR “preference” OR “Preferences”)	720,509	722,328
5	XB (“engagement” OR “barrier” OR “barriers” OR “facilitator” OR “facilitators” OR “challenges” OR “implementation”)	442,388	443,847
6	XB (“acceptance” OR “awareness”)	127,850	128,195
7	#4 OR #5 OR #6	1,350,783	1,353,956
8	XB (“qualitative” OR “qualitative data” OR “qualitative analysis” OR “qualitative study” OR “Mixed methods” OR “Mixed design”)	210,099	212,554
9	#3 AND #7 AND #8	244	246
10	LIMIT #9 to English Language	239	241
11	LIMIT #9 to English Language and 01/01/2018-01/01/2025 AND NOT MIXED METHODS	190	190

APA PsycInfo: Search Conducted on 23rd March 2025. Re-run on 29th March 2025

Search Mode: Proximity. Expanders: Apply equivalent subjects

#	Query	Results 23/03/25	Results 29/03/25
1	TI (“preconception” OR “preconception care” OR “preconception health”)	351	349
2	AB (“preconception OR “preconception care” OR “preconception health”)	1,009	1,007

3	(TI “preconception” OR “preconception care” OR “preconception health”) OR (AB “preconception” OR “preconception care” OR “preconception health”)	1,149	1,147
4	TI (“childbearing age” OR “child-bearing age”)	173	170
5	AB (“childbearing age” OR “child-bearing age”)	1,076	1,075
6	#3 OR #4 or #5	2,210	2,207
7	TI (“perspectives” OR “perception” OR “understanding” OR “knowledge” OR “attitudes” OR “preference” OR “preferences”)	277,686	274,013
8	AB (“perspectives” OR “perception” OR “understanding” OR “knowledge” OR “attitudes” OR “Preference” OR “preferences”)	1,223,274	1,221,687
9	TI (“engagement” OR “barrier” OR “barriers” OR “facilitator” OR “facilitators” OR “challenges” OR “implementation”)	80,196	79,828
10	AB (“engagement” OR “barrier” OR “barriers” OR “facilitator” OR “facilitators” OR “challenges” OR “implementation”)	457,154	456,479
11	TI (“acceptance” OR “awareness”)	28,414	28,010
12	AB (“acceptance” OR “awareness”)	179,625	179,346
13	#7 OR #8 OR #9 OR #10 OR #11 OR #12	2,277,072	2,275,102
14	TI (“qualitative” OR “qualitative data” OR “qualitative analysis” OR “qualitative study” OR “mixed methods” OR “mixed design”)	52,173	51,868
15	AB (“qualitative” OR “qualitative data” OR “qualitative analysis” OR “qualitative study” OR “mixed methods” OR “mixed design”)	248,011	247,549
16	#14 OR #15	264,479	263,902
17	#3 OR #4 OR#5 AND #13 AND #16	118	119
18	LIMIT #17 to English Language	117	118
19	LIMIT #17 to English Language and 01/01/2018 - 01/01/2025 and exclude mixed methods	86	81

Google Scholar Search Conducted on 23rd March 2025. Search re-run on 30th March 2025

#	Query	Results 23/03/25	Results 30/03/25

1	“preconception” OR “preconception health” OR “preconception care”	159,000	162,000
2	Intitle: “preconception” OR “preconception health” OR “preconception care”	18,500	18,500
3	“childbearing age” OR “child-bearing age”	17,500	17,600
4	#1 AND “childbearing age”	13,800	13,900
5	“perspectives” OR “perception” OR “understanding” OR “knowledge” OR “attitudes” OR “preference” OR “preferences”	7,710,000	7,770,000
6	“engagement” OR “barrier” OR “barriers” OR “facilitator” OR “facilitators” OR “challenges”	6,040,000	5,920,000
7	“acceptance” OR “awareness”	5,780,000	5,770,000
8	#5 OR #6 OR #7	7,610,000	7,310,000
9	#4 AND #8	19,700	12,200
10	“qualitative study” OR “qualitative design” OR “qualitative” OR “qualitative data” OR “Mixed methods”	6,720,000	6,750,000
11	#4 AND #8 AND #10	3540	3,560
12	LIMIT #11 to 2018-2025 AND EXCLUDE MIXED METHODS	2730	2,736
13	#12 without the word “preconception”		‘About 1,206’
14	Total when downloaded		989

CORE Database Search conducted on 23rd March 2025, re-run on 1st April 2025.

#	Query	Results 23/03/25	Results 01/04/2025
1	“preconception health” OR “preconception care” OR “preconception”	36,597	36,746
2	“childbearing age”	33,510	33,680
3	#1 OR #2	67,000	67,898
4	“perspectives” OR “perception” OR “understanding” OR “knowledge” OR “attitudes” OR “preference” OR “preferences”	17,479,851	17,992,073
5	“engagement” OR “barrier” OR “barriers” OR “facilitator” OR “facilitators” OR “challenges”	8,468,549	8,529,385

6	“acceptance” OR “awareness”	4,433,892	4,462,006
7	#4 OR #5 OR #6	21,410,337	21,549,106
8	“qualitative study” OR “qualitative design” OR “qualitative” OR “qualitative data” OR “Mixed methods”	2,368,417	2,383,688
9	#3 AND #7 AND #8 ("preconception health" or "preconception care" or "preconception" OR "childbearing age" AND "perspectives" OR "perception" OR "understanding" OR "knowledge" OR "attitudes" OR "preference" OR "preferences" OR "engagement" OR "barrier" OR "barriers" OR "facilitator" OR "facilitators" OR "challenges" OR "awareness" OR "acceptance" AND "qualitative" OR "qualitative data" OR "qualitative analysis" OR "qualitative study" or "mixed methods")	126	126
10	Limit #9 to 2015-2025	106	106
11	Limit #9 to English Language and 2018-2025 AND EXCLUDE MIXED METHODS	102	102

BASE database search conducted on 23rd March 2025, re-run on 4th April 2025.

#	Query	Result 23/03/25	Results 04/04/25
1	“preconception health”	1,588	1,597
2	“preconception health” OR “preconception care” OR “preconception”	18,923	19,000
3	tit: “preconception health” OR “preconception care” OR “preconception”	8,135	8,165
4	“preconception health” OR “preconception care” OR “preconception” AND “childbearing age”	646	651
5	tit: “preconception health” OR “preconception care” OR “preconception” AND “childbearing age”	46	47
6	“perspectives” OR “perception” OR “understanding” OR “knowledge” OR “attitudes” OR “preference” OR “preferences”	17,709,657	17,824,431
5	“engagement” OR “barrier” OR “barriers” OR “facilitator” OR “facilitators” OR “challenges”	6,767,410	6,832,666
6	“acceptance” OR “awareness”	1,886,694	1,900,301
7	“qualitative” OR “qualitative study” OR “qualitative data” OR “qualitative design” OR “mixed methods”	3,376,190	3,390,596

8	"perspectives" OR "perception" OR "understanding" OR "knowledge" OR "attitudes" OR "preference" OR "preferences" OR "engagement" OR "barrier" OR "barriers" OR "facilitator" OR "facilitators" OR "challenges" OR "acceptance" OR "awareness"	58,056,461	24,180,871
9	"preconception" OR "preconception health" OR "preconception care" AND "childbearing age" AND "perspectives" OR "perception" OR "understanding" OR "knowledge" OR "attitudes" OR "preference" OR "preferences" OR "engagement" OR "barrier" OR "barriers" OR "facilitator" OR "facilitators" OR "acceptance" OR "awareness" AND "qualitative study" OR "qualitative data" OR "qualitative" OR "qualitative design" OR "mixed methods"	29	32
10	"preconception" OR "preconception health" OR "preconception care" AND "perspectives" OR "perception" OR "understanding" OR "knowledge" OR "attitudes" OR "preference" OR "preferences" OR "engagement" OR "barrier" OR "barriers" OR "facilitator" OR "facilitators" OR "acceptance" OR "awareness" AND "qualitative study" OR "qualitative data" OR "qualitative" OR "qualitative design" OR "mixed methods"	300	305
11	Limit #10 to English Language	244	249
12	Limit #10 to English Language and 2015-2025 and exclude mixed methods	180	207

OpenDissertations through EBSCO. Search conducted on 26th March 2025, re-run on 5th April 2025.

#	Query	Result 26/03/2025	Result 05/04/2025
	"preconception" OR "preconception health" OR "preconception care"	139	139
1	TI "preconception health" OR "Preconception care"	12	12
2	AB "preconception health" OR "preconception care"	30	30
3	TI "childbearing age" OR "child-bearing age"	19	19
4	AB "pre-pregnancy" OR "Before pregnancy"	164	164
5	"perspectives" OR "perception" OR "experiences" OR "views" OR "Understanding" OR "Knowledge" OR "preference" OR "Preferences"	344,006	344,006

6	AB “perspectives” OR “perception” OR “experiences” OR “views” OR “Understanding” OR “Knowledge” OR “preference” OR “Preferences”	323,869	323,869
7	“attitudes” OR “awareness” OR “engagement” OR “barrier” OR “barriers” OR “facilitator” OR “facilitators”	103,317	103,317
8	#5 OR #7	393,450	393,450
9	“qualitative” OR “qualitative research” OR “qualitative study” OR “qualitative design” OR “mixed methods”	75,378	75,378
10	TIAB “qualitative” OR “qualitative research” OR “qualitative study” OR “qualitative design” OR “mixed methods”	30,096	30,096
11	#1 AND #8 AND #9	25	25
12	Limit #11 to 2015-2025	14	14
13	Limit #11 to 2018-2025 and English Language and exclude mixed methods	14	13