

Supplementary file S1  
Systematic Review Search Results June 2022

## PHC and XR Systematic Review Search Results June 2022

Ovid MEDLINE ALL (including MeSH headings) [1946 to Present]

Date searched: 21/06/2022

	Search terms	Number of results
1	(primary health* or primary care or PHC or primary medical care or general practi* or GP or family physician* or family practice* or family medicine or family care or family health or family doctor or medical specialist or specialist physician or office visit* or ambulatory care or primary medical care or medical clinic* or medical office* or community care or community medicine or community health or community mental health or home care or home based or home health or health visit* or preventative care or preventative service* or preventative program* or preventative health or health promotion or ongoing care or standard care).ti,ab.	379906
2	exp Primary Health Care/ or exp Community Health Centers/ or exp Office Visits/ or exp Physicians, Family/ or exp Family Practice/ or exp Ambulatory Care/ or exp General Practitioners/ OR exp Community Mental Health Services/ OR exp Community Health Services/	618633
3	1 or 2	141086
4	(virtual reality or mixed reality or augmented reality or extended reality or head-mounted display* or virtual environment* or immersive technolog* or immersive system*).ti,ab.	14471
5	exp Augmented Reality/ or exp Virtual Reality/	5208
6	4 or 5	15266
7	3 and 6	320

Limit to English language and journal article: 304

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APA PsycINFO [1806 to Present] (Ovid)

Date searched: 21/06/2022

	Search terms	Number of results
1	(primary health* or primary care or PHC or primary medical care or general practi* or GP or family physician* or family practice* or family medicine or family care or family health or family doctor or medical specialist or specialist physician or office visit* or ambulatory care or primary medical care or medical clinic* or medical office* or community care or community medicine or community health or community mental health or home care or home based or home health or health visit* or preventative care or preventative service* or preventative program* or preventative health or health promotion or ongoing care or standard care).ti,ab.	106065
2	exp Primary Health Care/ or exp Ambulatory Care/ or Family Medicine/or Family Physicians/ or General Practitioners/ or exp Community Health/ or exp Community Mental Health Services/	48614
3	1 or 2	123578
4	(virtual reality or mixed reality or augmented reality or extended reality or head-mounted display* or virtual environment* or immersive technolog* or immersive system*).ti,ab.	11125
5	exp Augmented Reality/ or exp Virtual Reality/	10558
6	4 or 5	14338
7	3 and 6	140

Limited by English language and peer review journal: 109

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Ovid Emcare

Date searched: 21/06/2022

	Search terms	Number of results
1	(primary health* or primary care or PHC or primary medical care or general practi* or GP or family physician* or family practice* or family medicine or family care or family health or family doctor or medical specialist or specialist physician or office visit* or ambulatory care or primary medical care or medical clinic* or medical office* or community care or community medicine or community health or community mental health or home care or home based or home health or health visit* or preventative care or preventative service* or preventative program* or preventative health or health promotion or ongoing care or standard care).ti,ab.	232070
2	exp Primary Health Care/ or exp Ambulatory Care/ or exp Family Medicine/ or exp General Practitioners/ or exp Health Center/ or exp Community Mental Health Services/ or exp Community Care/	214034
3	1 or 2	322651
4	(virtual reality or mixed reality or augmented reality or extended reality or head-mounted display* or virtual environment* or immersive technolog* or immersive system*).ti,ab.	10965
5	exp Augmented Reality/ or exp Virtual Reality/	11083
6	4 or 5	14554
7	3 and 6	337

Limited by English language, journal, and article: 220

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Cochrane Library via All EBM Reviews – Cochrane DSR, ACP Journal Club, DARE, CCA, CCTR, CMR, HTA, and NHSEED (Ovid)

Date searched: 21/06/2022

	Search terms	Number of results
1	(primary health* or primary care or PHC or primary medical care or general practi* or GP or family physician* or family practice* or family medicine or family care or family health or family doctor or medical specialist or specialist physician or office visit* or ambulatory care or primary medical care or medical clinic* or medical office* or community care or community medicine or community health or community mental health or home care or home based or home health or health visit* or preventative care or preventative service* or preventative program* or preventative health or health promotion or ongoing care or standard care).ti,ab.	70629
2	(virtual reality or mixed reality or augmented reality or extended reality or head-mounted display* or virtual environment* or immersive technolog* or immersive system*).ti,ab.	4990
2	1 and 2	229

Limited by English Language and Journal Article: 80

CINAHL Plus with Full-Text

Date searched: 21/06/2022

	Search terms	Number of results
S1	(MH "Community Health Centers+") OR (MH "Primary Health Care") OR (MH "Office Visits") OR (MH "Physicians, Family") OR (MH "Family Practice") OR (MH "Ambulatory Care") OR (MH "Community Health Services"+) OR (MH "Community Mental Health Services"+)	132403
S2	TI("primary health*" OR "primary care" OR PHC OR "primary medical care" OR "general practi*" OR GP OR "family physician*" OR "family practice*" OR "family medicine" OR "family care" OR "family health" OR "family doctor*" OR "medical specialist" OR "specialist physician" OR "office visit" OR "ambulatory care" OR "primary medical care" OR "medical clinic*" OR "medical office*" OR "community care" OR "community medicine" OR "community health"	102698

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	OR "community medical health" OR "home care" OR "home based" OR "home health" OR "health visit*" OR "preventative care" OR "preventative service*" OR "preventative program*" OR "Preventative health" OR "health promotion" OR "ongoing care" OR "standard care")	
S3	AB("primary health*" OR "primary care" OR PHC OR "primary medical care" OR "general practi*" OR GP OR "family physician*" OR "family practice*" OR "family medicine" OR "family care" OR "family health" OR "family doctor*" OR "medical specialist" OR "specialist physician" OR "office visit" OR "ambulatory care" OR "primary medical care" OR "medical clinic*" OR "medical office*" OR "community care" OR "community medicine" OR "community health*" OR "community medical health" OR "home care" OR "home based" OR "home health" OR "health visit*" OR "preventative care" OR "preventative service*" OR "preventative program*" OR "Preventative health" OR "health promotion" OR "ongoing care" OR "standard care")	181031
S4	S1 OR S2 OR S3	286915
S5	(MH "Virtual Reality+") OR (MH "Augmented Reality")	6963
S6	TI("virtual reality" OR "mixed reality" OR "augmented reality" OR "extended reality" OR "head-mounted display*" OR "virtual environment*" OR "immersive technolog*" OR "immersive system*")	4547
S7	AB("virtual reality" OR "mixed reality" OR "augmented reality" OR "extended reality" OR "head-mounted display*" OR "virtual environment*" OR "immersive technolog*" OR "immersive system*")	5405
S8	S5 OR S6 OR S7	11060
S9	S4 AND S8	292

Limited by English language and Academic Journals: 239

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## Systematic Review Search Results June 2022

Scopus

Date searched: 21/06/2022

	Search terms	Number of results
	<p>( TITLE-ABS ( "primary health*" OR "primary care" OR phc OR "primary medical care" OR "general practi*" OR gp OR "family physician*" OR "family practice*" OR "family medicine" OR "family care" OR "family health" OR "family doctor*" OR "medical specialist" OR "specialist physician" OR "office visit" OR "ambulatory care" OR "primary medical care" OR "medical clinic*" OR "medical office*" OR "community care" OR "community medicine" OR "community health*" OR "community medical health" OR "home care" OR "home based" OR "home health" OR "health visit*" OR "preventative care" OR "preventative service*" OR "preventative program*" OR "Preventative health" OR "health promotion" OR "ongoing care" OR "standard care" )</p> <p>AND</p> <p>TITLE-ABS ( "virtual reality" OR "mixed reality" OR "augmented reality" OR "extended reality" OR "head-mounted display*" OR "virtual environment*" OR "immersive technolog*" OR "immersive system*" ) )</p>	539

Limited by English Language and Article: 265

Web of Science

Date searched: 21/06/2022

	Search terms	Number of results
	<p>("primary health*" OR "primary care" OR PHC OR "primary medical care" OR "general practi*" OR GP OR "family physician*" OR "family practice*" OR "family medicine" OR "family care" OR "family health" OR "family doctor*" OR "medical specialist" OR "specialist physician" OR "office visit" OR "ambulatory care" OR "primary medical care" OR "medical clinic*" OR "medical office*" OR "community care" OR "community medicine" OR "community health*" OR "community medical health" OR "home care" OR "home based" OR "home health" OR "health visit*" OR "preventative care" OR "preventative service*" OR "preventative program*" OR "Preventative health" OR "health promotion" OR "ongoing care" OR "standard care") (Topic)</p>	564

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	AND ("virtual reality" OR "mixed reality" OR "augmented reality" OR "extended reality" OR “head-mounted display*” OR "virtual environment*" OR "immersive technolog*" OR “immersive system*”) (Topic)	
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Limited by English Language and Articles: 346

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ProQuest Computer Science Database

Date searched: 21/06/2022

	Search terms	Number of results
S1	MAINSUBJECT.EXACT("Primary care") OR MAINSUBJECT.EXACT("Family physicians") OR MAINSUBJECT.EXACT("Community health care") OR MAINSUBJECT.EXACT("Ambulatory care")	4896
S2	ti("primary health*" OR "primary care" OR PHC OR "primary medical care" OR "general practi*" OR GP OR "family physician*" OR "family practice*" OR "family medicine" OR "family care" OR "family health" OR "family doctor*" OR "medical specialist" OR "specialist physician" OR "office visit" OR "ambulatory care" OR "primary medical care" OR "medical clinic*" OR "medical office*" OR "community care" OR "community medicine" OR "community health*" OR "community medical health" OR "home care" OR "home based" OR "home health" OR "health visit*" OR "preventative care" OR "preventative service*" OR "preventative program*" OR "Preventative health" OR "health promotion" OR "ongoing care" OR "standard care")	4247
S3	ab("primary health*" OR "primary care" OR PHC OR "primary medical care" OR "general practi*" OR GP OR "family physician*" OR "family practice*" OR "family medicine" OR "family care" OR "family health" OR "family doctor*" OR "medical specialist" OR "specialist physician" OR "office visit" OR "ambulatory care" OR "primary medical care" OR "medical clinic*" OR "medical office*" OR "community care" OR "community medicine" OR "community health*" OR "community medical health" OR "home care" OR "home based" OR "home health" OR "health visit*" OR "preventative care" OR "preventative service*" OR "preventative program*" OR "Preventative health" OR "health promotion" OR "ongoing care" OR "standard care")	11751
S4	S1 OR S2 OR S3	17414
S5	MAINSUBJECT.EXACT("Virtual reality") OR MAINSUBJECT.EXACT("Augmented reality")	29627
S6	ti("virtual reality" OR "mixed reality" OR "augmented reality" OR "extended reality" OR "head-mounted display*" OR "virtual environment*" OR "immersive technolog*" OR "immersive system*")	24287
S7	ab("virtual reality" OR "mixed reality" OR "augmented reality" OR "extended reality" OR "head-mounted display*" OR "virtual environment*" OR "immersive technolog*" OR "immersive system*")	14991

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S8	S5 OR S6 OR S7	43351
S9	S4 AND S8	30

Limited by English and Scholarly Journal: 16

IEEE Xplore

Date searched: 21/06/2022

	Search terms	Number of results
1	<p>All Metadata:</p> <p>"primary health*" OR "primary care" OR PHC OR "primary medical care" OR "general practi*" OR GP OR "family physician" OR "family practice" OR "family medicine" OR "family care" OR "family health" OR "family doctor" OR "medical specialist" OR "specialist physician" OR "office visit" OR "ambulatory care" OR "primary medical care" OR "medical clinic" OR "medical office" OR "community care" OR "community medicine" OR "community health*" OR "community medical health" OR "home care" OR "home health" OR "health visit" OR "preventative care" OR "preventative service" OR "preventative program" OR "Preventative health" OR "health promotion"</p>	8473
2	<p>All Metadata:</p> <p>"virtual reality" OR "mixed reality" OR "augmented reality" OR "extended reality" OR "head-mounted display*" OR "virtual environment*" OR "immersive technolog*" OR "immersive system"</p>	50031
3	1 and 2	82

Limited by Journals: 14

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Computers and Applied Sciences Complete (EBSCOhost)

Date searched: 21/06/2022

	Search terms	Number of results
S1	TI("primary health*" OR "primary care" OR PHC OR "primary medical care" OR "general practi*" OR GP OR "family physician*" OR "family practice*" OR "family medicine" OR "family care" OR "family health" OR "family doctor*" OR "medical specialist" OR "specialist physician" OR "office visit" OR "ambulatory care" OR "primary medical care" OR "medical clinic*" OR "medical office*" OR "community care" OR "community medicine" OR "community health*" OR "community medical health" OR "home care" OR "home based" OR "home health" OR "health visit*" OR "preventative care" OR "preventative service*" OR "preventative program*" OR "Preventative health" OR "health promotion" OR "ongoing care" OR "standard care")	1310
S2	AB("primary health*" OR "primary care" OR PHC OR "primary medical care" OR "general practi*" OR GP OR "family physician*" OR "family practice*" OR "family medicine" OR "family care" OR "family health" OR "family doctor*" OR "medical specialist" OR "specialist physician" OR "office visit" OR "ambulatory care" OR "primary medical care" OR "medical clinic*" OR "medical office*" OR "community care" OR "community medicine" OR "community health*" OR "community medical health" OR "home care" OR "home based" OR "home health" OR "health visit*" OR "preventative care" OR "preventative service*" OR "preventative program*" OR "Preventative health" OR "health promotion" OR "ongoing care" OR "standard care")	8305
S3	S1 OR S2	8604
S4	TI("virtual reality" OR "mixed reality" OR "augmented reality" OR "extended reality" OR "head-mounted display*" OR "virtual environment*" OR "immersive technolog*" OR "immersive system*")	5890
S5	AB("virtual reality" OR "mixed reality" OR "augmented reality" OR "extended reality" OR "head-mounted display*" OR "virtual environment*" OR "immersive technolog*" OR "immersive system*")	14212
S6	S4 OR S5	15055
S7	S3 AND S6	30

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Limited by Scholarly (Peer Reviewed Journals): 27

Total All Databases

Total articles from 10 databases: **1620**

Total articles including databases and handsearching: **1639** (19 articles from handsearching Primo Search and Google Scholar)

Total articles after duplicates removed: **856** (783 duplicates removed)

Total articles after excluded older articles (limited date to the last 10 years): **710** (146 articles older than 2012 removed)