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## Scoping Review Search Strategies: Health literacy assessment or leveling of mobile health applications

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## Scoping Review Search Strategies: Health literacy assessment or leveling of mobile health applications

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### Search Parameters:

- Publication date range: all years
- English only
- Results delivered: 3/17/2021
- Results delivered via RefWorks
- Search revised: **Is there a brief tool that exists to evaluate health literacy in mobile apps?**
- Key terms: tools or scales or models
- Librarian involved in scoping review: Kimberly A. Harp, MLS
- Databases searched: Embase, Scopus, PubMed, CINAHL, PsycINFO
- \*\* Google Scholar omitted this search as numerous results were obtained and researchers unsure about whether to include grey literature at this time

Database	Results
Embase	100 results 100 after limiting to English only
Scopus	94 results 93 after limiting to English only
PubMed	760 results 736 after limiting to English only
CINAHL	76 results 75 after limiting to English only
PsycInfo	6 results 6 results after limiting to English only
<b>Totals</b>	<b>1010 total results</b> <b>294 duplicates removed</b> <b>716 unique articles</b>

### Embase search strategy:

'health literacy':ti,ab OR 'health literate':ti,ab OR 'health literacy scale':ti,ab OR 'health literacy questionnaire':ti,ab OR 'health literacy assessment':ti,ab OR 'health literacy level':ti,ab OR 'ehealth literacy'/exp/mj OR 'media literacy'/exp/mj OR 'health literacy questionnaire'/exp/mj OR 'health literacy scale'/exp/mj OR 'health literacy'/exp/mj

AND

'mobile health application'/exp/mj OR 'mobile apps' OR 'mobile application' OR 'health app' OR 'health care app' OR (mhealth NEAR/4 (app OR application)) OR (ehealth NEAR/4 (app OR application))

AND

tool\*:ti,ab OR model\*:ti,ab OR scale\*:ti,ab OR level\*:ti,ab OR rate:ti,ab OR rating\*:ti,ab

**Scopus search strategy:**

( ABS ( "mobile health application" OR "mobile apps" OR "mobile application" OR "health app" OR "health mobile applications" OR "health care app" OR "health care applications" OR ( mhealth AND applications ) OR ( ehealth AND applications ) ) OR TITLE ( "mobile health application" OR "mobile apps" OR "mobile application" OR "health app" OR "health mobile applications" OR "health care app" OR "health care applications" OR ( mhealth AND applications ) OR ( ehealth AND applications ) ) )

AND

( TITLE ( "health literacy" OR "health literate" OR "health literacy scale" OR "health literacy questionnaire" OR "health literacy assessment" OR "health literacy level" OR "ehealth literacy" OR "media literacy" OR "health literacy questionnaire" OR "health literacy scale" ) OR ABS ( "health literacy" OR "health literate" OR "health literacy scale" OR "health literacy questionnaire" OR "health literacy assessment" OR "health literacy level" OR "ehealth literacy" OR "media literacy" OR "health literacy questionnaire" OR "health literacy scale" ) )

AND

ABS ( tool OR tools OR scale OR scales OR model OR models OR level OR levels OR leveling OR rate OR rating OR ratings ) OR TITLE ( tool OR tools OR scale OR scales OR model OR models OR level OR levels OR leveling OR rate OR rating OR ratings )

**CINAHL search strategy:**

TI ( ( "mobile health application" OR "mobile apps" OR "mobile application" OR "health app" OR "health mobile applications" OR "health care app" OR "health care applications" OR ( mhealth N4 applications ) OR ( ehealth N4 applications ) ) ) OR AB ( ( "mobile health application" OR "mobile apps" OR "mobile application" OR "health app" OR "health mobile applications" OR "health care app" OR "health care applications" OR ( mhealth N4 applications ) OR ( ehealth N4 applications ) ) ) OR (MH "Mobile Applications")

AND

TI ( "health literacy" OR "health literate" OR "health literacy scale" OR "health literacy questionnaire" OR "health literacy assessment" OR "health literacy level" OR "ehealth literacy" OR "media literacy" OR

"health literacy questionnaire" OR "health literacy scale" ) OR AB ( "health literacy" OR "health literate"  
OR "health literacy scale" OR "health literacy questionnaire" OR "health literacy assessment" OR  
"health literacy level" OR "ehealth literacy" OR "media literacy" OR "health literacy questionnaire" OR  
"health literacy scale" ) OR (MH "Health Literacy") OR (MH "Information Literacy+")

AND

TI ( tool\* OR scale\* OR rate OR rating\* OR level\* OR model\* ) OR AB ( tool\* OR scale\* OR rate OR  
rating\* OR level\* OR model\*

**PsycINFO search strategy:**

TI ( "mobile health application" OR "mobile apps" OR "mobile application" OR "health app" OR "health  
mobile applications" OR "health care app" OR "health care applications" OR ( mhealth N4 applications )  
OR ( ehealth N4 applications ) ) OR AB ( "mobile health application" OR "mobile apps" OR "mobile  
application" OR "health app" OR "health mobile applications" OR "health care app" OR "health care  
applications" OR ( mhealth N4 applications ) OR ( ehealth N4 applications ) ) OR DE "Mobile  
Applications" OR DE "Mobile Devices" OR DE "Mobile Phones" OR DE "Tablet Computers" OR DE  
"Mobile Health" OR DE "Mobile Phones" OR DE "Smartphones"

AND

TI ( "health literacy" OR "health literate" OR "health literacy scale" OR "health literacy questionnaire" OR  
"health literacy assessment" OR "health literacy level" OR "ehealth literacy" OR "media literacy" OR  
"health literacy questionnaire" OR "health literacy scale" ) OR AB ( "health literacy" OR "health literate"  
OR "health literacy scale" OR "health literacy questionnaire" OR "health literacy assessment" OR "health  
literacy level" OR "ehealth literacy" OR "media literacy" OR "health literacy questionnaire" OR "health  
literacy scale" ) OR DE "Health Literacy"

AND

TI ( tool\* OR scale\* OR rate OR rating\* OR level\* OR model\* ) OR AB ( tool\* OR scale\* OR rate OR  
rating\* OR level\* OR model\*

**PubMed search strategy:**

("mobile health application" OR "mobile apps" OR "mobile application" OR "health app" OR "health  
mobile applications" OR "health care app" OR "health care applications" OR "mhealth applications" OR  
"ehealth applications" OR mobile applications OR mobile apps OR health apps OR health applications)

AND

((health literacy OR "Health Literacy"[Mesh]) OR ("health literacy"[Title/Abstract] OR "health  
literate"[Title/Abstract] OR "health literacy scale"[Title/Abstract] OR "health literacy  
questionnaire"[Title/Abstract] OR "health literacy assessment"[Title/Abstract] OR "health literacy  
level"[Title/Abstract] OR "ehealth literacy"[Title/Abstract] OR "media literacy"[Title/Abstract] OR "health  
literacy questionnaire"[Title/Abstract] OR "health literacy scale"[Title/Abstract]))

AND

Tool\* OR level\* OR model\* OR scale\* OR rate OR rating\*